Sioux Chief

MANUFACTURING SINCE 1957

Product Catalog
Edition 32.15

Sioux Chief is an American Manufacturer

Sioux Chief is a leading American manufacturer of rough plumbing products located in Kansas City, Missouri. We develop and manufacture some of the most diverse and innovative plumbing products in the country.

We focus on product innovation initiated by field research and interviews with plumbers, engineers, code officials and distributors. We're able to turn ideas into products quickly because we design and build our own machines. This also allows us to control manufacturing costs and minimize down-time, providing consistent, reliable value to our customers.

Our primary purpose as an American manufacturer is to provide better value to the professional plumbing and mechanical contractor by offering top-quality, innovative products with superior customer service. Our goal as an American innovator, is to make plumbing installation easier, more effective, and more efficient.

We strive every day to meet the demands of the rough plumbing industry with innovation, quality, and the American spirit.

Catalog Edition 32.15

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Items in buying tables with BOLD type are non-stock items. Extended lead times may apply to non-stock items.

For Drainage items having one or more listed option, Buyer will be charged 33% of the applicable return price for product restocking; and will apply to canceled orders that have been entered but not shipped.

Making it in America – Since 1957

American manufacturing generates almost 11% of the U.S. gross domestic product. It accounts for 60% of our exports and employs nearly 12 million people. 70% of U.S. dollars spent on research and development come from the manufacturing sector.

Sioux Chief manufactures more than 90% of the products we sell, employing more than 500 American workers in the process. We design, build and maintain all of our own copper tube forming tools, machines, plastic injection molds, packaging, cleaning and testing equipment as we produce the highest quality American-made plumbing parts.

Buy American when you can. We all succeed when you do!

Supply

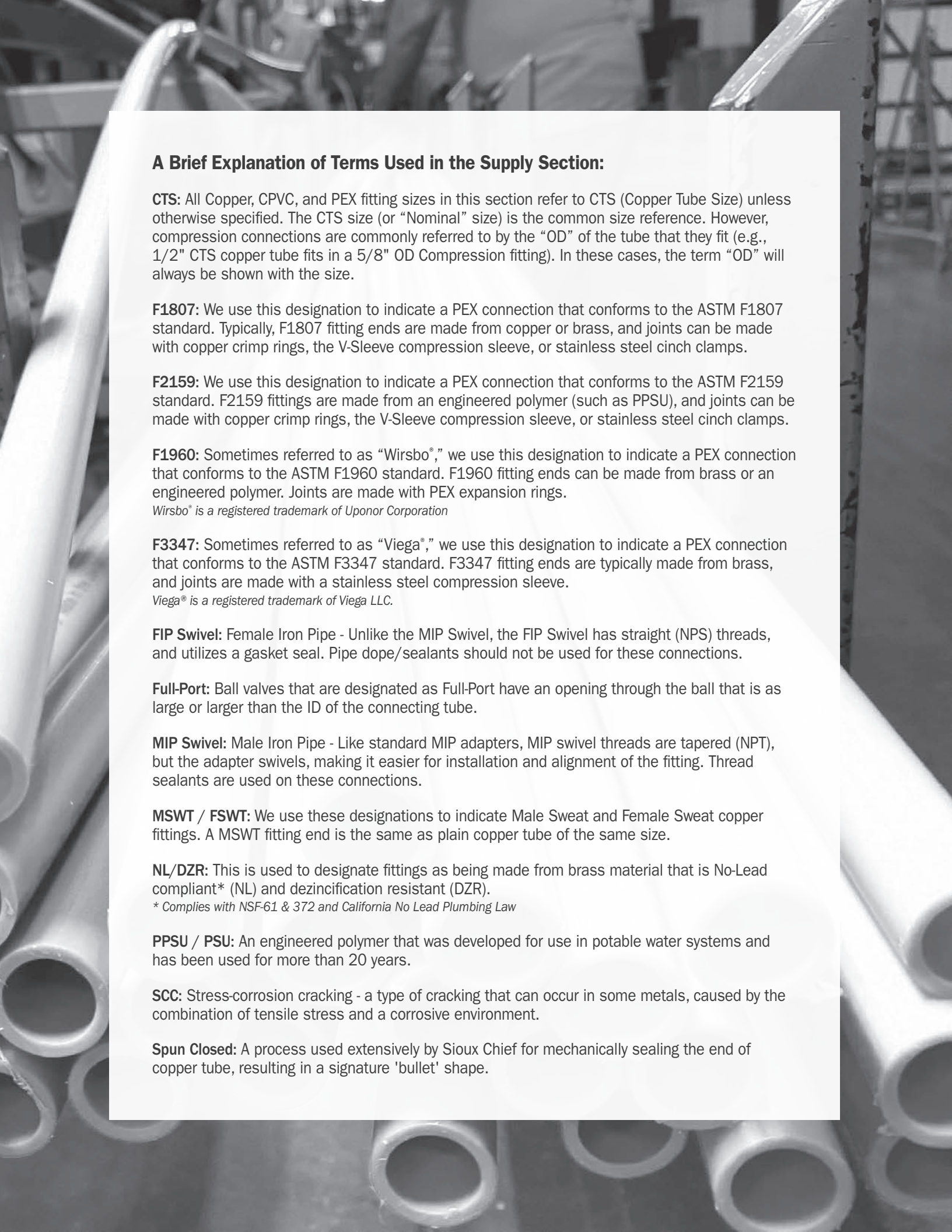
PowerPEX® Systems

Specialized Supply

Arresters & Trap Primers

Access

Making it in America



A Brief Explanation of Terms Used in the Supply Section:

CTS: All Copper, CPVC, and PEX fitting sizes in this section refer to CTS (Copper Tube Size) unless otherwise specified. The CTS size (or "Nominal" size) is the common size reference. However, compression connections are commonly referred to by the "OD" of the tube that they fit (e.g., 1/2" CTS copper tube fits in a 5/8" OD Compression fitting). In these cases, the term "OD" will always be shown with the size.

F1807: We use this designation to indicate a PEX connection that conforms to the ASTM F1807 standard. Typically, F1807 fitting ends are made from copper or brass, and joints can be made with copper crimp rings, the V-Sleeve compression sleeve, or stainless steel cinch clamps.

F2159: We use this designation to indicate a PEX connection that conforms to the ASTM F2159 standard. F2159 fittings are made from an engineered polymer (such as PPSU), and joints can be made with copper crimp rings, the V-Sleeve compression sleeve, or stainless steel cinch clamps.

F1960: Sometimes referred to as "Wirsbo®," we use this designation to indicate a PEX connection that conforms to the ASTM F1960 standard. F1960 fitting ends can be made from brass or an engineered polymer. Joints are made with PEX expansion rings.
Wirsbo® is a registered trademark of Uponor Corporation

F3347: Sometimes referred to as "Viega®," we use this designation to indicate a PEX connection that conforms to the ASTM F3347 standard. F3347 fitting ends are typically made from brass, and joints are made with a stainless steel compression sleeve.
Viega® is a registered trademark of Viega LLC.

FIP Swivel: Female Iron Pipe - Unlike the MIP Swivel, the FIP Swivel has straight (NPS) threads, and utilizes a gasket seal. Pipe dope/sealants should not be used for these connections.

Full-Port: Ball valves that are designated as Full-Port have an opening through the ball that is as large or larger than the ID of the connecting tube.

MIP Swivel: Male Iron Pipe - Like standard MIP adapters, MIP swivel threads are tapered (NPT), but the adapter swivels, making it easier for installation and alignment of the fitting. Thread sealants are used on these connections.

MSWT / FSWT: We use these designations to indicate Male Sweat and Female Sweat copper fittings. A MSWT fitting end is the same as plain copper tube of the same size.

NL/DZR: This is used to designate fittings as being made from brass material that is No-Lead compliant* (NL) and dezincification resistant (DZR).
** Complies with NSF-61 & 372 and California No Lead Plumbing Law*

PPSU / PSU: An engineered polymer that was developed for use in potable water systems and has been used for more than 20 years.

SCC: Stress-corrosion cracking - a type of cracking that can occur in some metals, caused by the combination of tensile stress and a corrosive environment.

Spun Closed: A process used extensively by Sioux Chief for mechanically sealing the end of copper tube, resulting in a signature 'bullet' shape.

PowerPEX® Systems

PowerPEX® Tube

for ASTM F1807

for ASTM F2159

for ASTM F1960

for ASTM F3347

PowerPEX® Systems

PowerPEX® Tube

ASTM F876: Standard Specification for Cross-linked Polyethylene (PEX) Tubing
ASTM F877: Standard Specification for Cross-linked Polyethylene (PEX) Hot and Cold-Water Distribution Systems
CSA B137.5: Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications

ASTM F1807 | F2159 Crimp™

Standard Specification for Metal[1] or Plastic[2] Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing

1 = ASTM F1807 2 = ASTM F2159

ASTM F1960 Grip™

Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing

ASTM F3347

Standard Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing

PowerPEX = The Power to Choose
The ability to choose the right tube or fitting connection for each application, layout or contractor comfort level. We call this Fitting Freedom™. Sioux Chief understands smart plumbing systems may incorporate “hybrid” PEX offerings to maximize each connection system's benefit. The Power to Choose puts the plumber back at the heart of smart plumbing.

PowerPEX® Tube

Type-B PEX Tube

Type-B Oxygen Barrier PEX Tube

Type-A PEX Tube

Type-A Oxygen Barrier PEX Tube

Sioux Chief PowerPEX® tube is ideally suited for water distribution. Common applications include: water service/distribution, radiant heating/cooling, snow-melt systems, fire suppression, geothermal, etc.

Note: Special system component considerations must be made for radiant or snow melt systems when using non-barrier tubing.
All expansion joints made using PowerPEX Type-B tubing MUST be made with a self- rotating, power expansion tool to eliminate weak spots and avoid improper expansion rates.

Refer to Sioux Chief's PowerPEX Installation Manual for full restrictions and details.

Always check with local codes and applicable requirements.

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Type B PEX Tube

Sticks

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	5' STICKS			
664X0W5M	1/4" White, 50/Bag	BI	50	50
664X1W5M	3/8" White, 50/Bag	BI	50	50
664X2B5M	1/2" Blue, 25/Bag	BI	25	25
664X2R5M	1/2" Red, 25/Bag	BI	25	25
664X2W5M	1/2" White, 25/Bag	BI	25	25
664X3B5M	3/4" Blue, 10/Bag	BI	10	10
664X3R5M	3/4" Red, 10/Bag	BI	10	10
664X3W5M	3/4" White, 10/Bag	BI	10	10
664X4W5M	1" White, 10/Bag	BI	10	10
	10' STICKS			
664X2B10	1/2" Blue, 50/Bag	B	1	1
664X2R10	1/2" Red, 50/Bag	B	1	1
664X2W10	1/2" White, 50/Bag	B	1	1
664X3B10	3/4" Blue, 25/Bag	B	1	1
664X3R10	3/4" Red, 25/Bag	B	1	1
664X3W10	3/4" White, 25/Bag	B	1	1
664X4B10	1" Blue, 15/Bag	B	1	1
664X4R10	1" Red, 15/Bag	B	1	1
664X4W10	1" White, 15/Bag	B	1	1
	20' STICKS			
664X2B20	1/2" Blue, 50/Bag	B	1	1
664X2R20	1/2" Red, 50/Bag	B	1	1
664X2W20	1/2" White, 50/Bag	B	1	1
664X3B20	3/4" Blue, 25/Bag	B	1	1
664X3R20	3/4" Red, 25/Bag	B	1	1
664X3W20	3/4" White, 25/Bag	B	1	1
664X4B20	1" Blue, 15/Bag	B	1	1
664X4R20	1" Red, 15/Bag	B	1	1
664X4W20	1" White, 15/Bag	B	1	1
664X5W20	1-1/4" White, 10/Bag	B	1	1
664X6W20	1-1/2" White, 8/Bag	B	1	1

664X3B5M

664X3R10

664X2W20

665X2R100

665X2W300

665X2B500

665X2R1000

Type B PEX Tube

Coils

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
665X8W100	1/8" White	BI	1	1
665X0W100	1/4" White	BI	1	1
665X1W100	3/8" White	BI	1	1
665X2B100	1/2" Blue	BI	1	1
665X2R100	1/2" Red	BI	1	1
665X2W100	1/2" White	BI	1	1
665X3B100	3/4" Blue	BI	1	1
665X3R100	3/4" Red	BI	1	1
665X3W100	3/4" White	BI	1	1
665X4B100	1" Blue	BI	1	1
665X4R100	1" Red	BI	1	1
665X4W100	1" White	BI	1	1
665X5W100	1-1/4" White	BI	1	1
665X6W100	1-1/2" White	BI	1	1
	300' COILS			
665X2B300	1/2" Blue	BI	1	1
665X2R300	1/2" Red	BI	1	1
665X2W300	1/2" White	BI	1	1
665X3B300	3/4" Blue	BI	1	1
665X3R300	3/4" Red	BI	1	1
665X3W300	3/4" White	BI	1	1
665X4B300	1" Blue	BI	1	1
665X4R300	1" Red	BI	1	1
665X4W300	1" White	BI	1	1
665X5W300	1-1/4" White	BI	1	1
665X6W300	1-1/2" White	BI	1	1
	500' COILS			
665X2B500	1/2" Blue	BI	1	1
665X2R500	1/2" Red	BI	1	1
665X2W500	1/2" White	BI	1	1
665X3B500	3/4" Blue	BI	1	1
665X3R500	3/4" Red	BI	1	1
665X3W500	3/4" White	BI	1	1
665X4B500	1" Blue	BI	1	1
665X4R500	1" Red	BI	1	1
665X4W500	1" White	BI	1	1
	1000' COILS			
665X2B1000	1/2" Blue	BI	1	1
665X2R1000	1/2" Red	BI	1	1
665X2W1000	1/2" White	BI	1	1

Type B Oxygen Barrier PEX Tube

Sticks

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	20' STICKS			
664X3H20	3/4" Orange, 25/Bag	B	1	1
664X4H20	1" Orange, 5/Bag	B	1	1

664X4H20

Type B Oxygen Barrier PEX Tube

Coils

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	100' COILS			
665X2H100	1/2" Orange	BI	1	1
665X3H100	3/4" Orange	BI	1	1
665X4H100	1" Orange	BI	1	1
665X9H100	5/8" Orange	BI	1	1
	300' COILS			
665X2H300	1/2" Orange	BI	1	1
665X3H300	3/4" Orange	BI	1	1
665X4H300	1" Orange	BI	1	1
665X9H300	5/8" Orange	BI	1	1
	500' COILS			
665X2H500	1/2" Orange	BI	1	1
665X3H500	3/4" Orange	BI	1	1
665X4H500	1" Orange	BI	1	1
665X9H500	5/8" Orange	BI	1	1
	1000' COILS			
665X2H1000	1/2" Orange	BI	1	1
665X9H1000	5/8" Orange	BI	1	1
	1200' COILS			
665X2H1200	1/2" Orange	BI	1	1

665X2H300

665X2H500

Type A PEX Tube

Sticks

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	5' STICKS			
664XA2B5M	1/2" Blue, 20/Bag	BI	20	20
664XA2R5M	1/2" Red, 20/Bag	BI	20	20
664XA2W5M	1/2" White, 20/Bag	BI	20	20
664XA3B5M	3/4" Blue, 10/Bag	BI	10	10
664XA3R5M	3/4" Red, 10/Bag	BI	10	10
664XA3W5M	3/4" White, 10/Bag	BI	10	10
664XA4W5M	1" White, 5/Bag	BI	5	5

664XA2B5M

664XA5W20

Type A PEX Tube (Cont)

Sticks

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	10' STICKS			
664XA2B10	1/2" Blue, 25/Bag	BI	1	1
664XA2R10	1/2" Red, 25/Bag	BI	1	1
664XA3B10	3/4" Blue, 25/Bag	BI	1	1
664XA3R10	3/4" Red, 25/Bag	BI	1	1
	20' STICKS			
664XA2B20	1/2" Blue, 25/Bag	B	1	1
664XA2R20	1/2" Red, 25/Bag	B	1	1
664XA2W20	1/2" White, 25/Bag	B	1	1
664XA3B20	3/4" Blue, 15/Bag	B	1	1
664XA3R20	3/4" Red, 15/Bag	B	1	1
664XA3W20	3/4" White, 15/Bag	B	1	1
664XA4W20	1" White, 10/Bag	B	1	1
664XA5W20	1-1/4" White, 5/Bag	B	1	1
664XA6W20	1-1/2" White, 5/Bag	B	1	1
664XA7W20	2" White, 5/Bag	B	1	1

Type A PEX Tube

Coils

665XA3B25

665XA2R100

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	25' COILS			
665XA2B25	1/2" Blue	BI	1	1
665XA2R25	1/2" Red	BI	1	1
665XA2W25	1/2" White	BI	1	1
665XA3B25	3/4" Blue	X		1
665XA3R25	3/4" Red	X		1
665XA3W25	3/4" White	BI	1	1
665XA4W25	1" White	BI	1	1
	100' COILS			
665XA2B100	1/2" Blue	BI	1	1
665XA2N100	1/2" Natural	BI	1	1
665XA2R100	1/2" Red	BI	1	1
665XA2W100	1/2" White	BI	1	1
665XA3B100	3/4" Blue	BI	1	1
665XA3N100	3/4" Natural	BI	1	1
665XA3R100	3/4" Red	BI	1	1
665XA3W100	3/4" White	BI	1	1
665XA4B100	1" Blue	BI	1	1
665XA4N100	1" Natural	BI	1	1
665XA4R100	1" Red	BI	1	1
665XA4W100	1" White	BI	1	1
	250' COILS			
665XA2N250	1/2" Natural	BI	1	1
665XA3N250	3/4" Natural	BI	1	1

Type A PEX Tube (Cont)

Coils

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	300' COILS			
665XA2B300	1/2" Blue	BI	1	1
665XA2R300	1/2" Red	BI	1	1
665XA2W300	1/2" White	BI	1	1
665XA3B300	3/4" Blue	BI	1	1
665XA3R300	3/4" Red	BI	1	1
665XA3W300	3/4" White	BI	1	1
665XA4B300	1" Blue	BI	1	1
665XA4R300	1" Red	BI	1	1
665XA4W300	1" White	BI	1	1
	500' COILS			
665XA2B500	1/2" Blue	BI	1	1
665XA2N500	1/2" Natural	BI	1	1
665XA2R500	1/2" Red	BI	1	1
665XA2W500	1/2" White	BI	1	1
665XA3B500	3/4" Blue	BI	1	1
665XA3R500	3/4" Red	BI	1	1
665XA3W500	3/4" White	BI	1	1
	1000' COILS			
665XA2B1000	1/2" Blue	BI	1	1
665XA2R1000	1/2" Red	BI	1	1
665XA2W1000	1/2" White	BI	1	1

665XA2W500

Type A Oxygen Barrier PEX Tube

Sticks

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	20' STICKS			
664XA3H20	3/4" Red, 15/Bag	B	1	1
664XA4H20	1" Red, 15/Bag	B	1	1

664XA3H20

Type A Oxygen Barrier PEX Tube

Coils

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	100' COILS			
665XA2H100	1/2" Red	BI	1	1
665XA3H100	3/4" Red	BI	1	1
665XA4H100	1" Red	BI	1	1
665XA9H100	5/8" Red	BI	1	1

665XA3H100

665XA2H500

Type A Oxygen Barrier PEX Tube (Cont)

Coils

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	300' COILS			
665XA2H300	1/2" Red	BI	1	1
665XA2N300H	1/2" Natural	BI	1	1
665XA3H300	3/4" Red	BI	1	1
665XA4H300	1" Red	BI	1	1
665XA9H300	5/8" Red	BI	1	1
	500' COILS			
665XA2H500	1/2" Red	BI	1	1
665XA3H500	3/4" Red	BI	1	1
665XA4H500	1" Red	BI	1	1
665XA9H500	5/8" Red	BI	1	1
	1000' COILS			
665XA2H1000	1/2" Red	BI	1	1
665XA2N1000H	1/2" Natural	BI	1	1
665XA3H1000	3/4" Red	BI	1	1
665XA9H1000	5/8" Red	BI	1	1

305-X665

PowerPEX® Tools

Coil Unwinder

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-X665	PEX Tube Coil Unwinder	BI	1	1

PowerPEX® Systems
for ASTM F1807

ASTM F1807 - Fittings, Adapters & Connectors

ASTM F1807 - Preformed Copper & Valves

ASTM F1807 - PEX Kits

ASTM F1807 - Manifolds

ASTM F1807 - Tools

Sioux Chief's PowerPEX® ASTM F1807 fitting system utilizes a copper crimp ring or the stainless steel V-Sleeve™, both of which provide 360° of compression around the sealing barbs. Stainless steel cinch clamps can also be used with PowerPex ASTM F1807 fitting system

This time-tested PEX system provides a secure, immediately testable and permanent connection.

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Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

Crimp Ring

- Do not use with PB tube
- For use with PEX SDR9 tube only

649X2

Related Products
Crimp Tool p 40

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
649X1	3/8" PEX	B	100	1000
649X2	1/2" PEX	B	100	1000
649X3	3/4" PEX	B	100	500
649X4	1" PEX	B	25	250
649X5	1-1/4" PEX	B	25	250
649X6	1-1/2" PEX	B	25	250
649X7	2" PEX	B	10	200

V-Sleeve™

PEX Compression Sleeve

- For use with PEX SDR9 tube only

649TX2

Related Products
V-Sleeve™ PEX crimp tools p 42

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL			
649TX2	1/2" PEX	B	100	1000
649TX3	3/4" PEX	B	100	500
649TX4	1" PEX	B	25	250

Cinch Clamp

- For use with PEX SDR9 piping only
- Do not use with PB tube

649Y2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL			
649Y1PK1	3/8" PEX, 10/Bag	BI	1	200
649Y2	1/2" PEX, 100/Bag	BI	1	20
649Y3	3/4" PEX, 100/Bag	BI	1	10
649Y4PK1	1" PEX, 10/Bag	BI	10	100

642X2

642XG4

F1807 Elbow

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
642X2	1/2" × 1/2"	B	25	250
642X3	3/4" × 3/4"	B	25	250
642X43	1" × 3/4"	B	25	25
	NL/DZR BRASS			
642XG1	3/8" × 3/8"	B	25	250
642XG2	1/2" × 1/2"	B	25	250
642XG23	1/2" × 3/4"	B	25	250
642XG3	3/4" × 3/4"	B	25	250
642XG4	1" × 1"	B	25	25
642XG43	1" × 3/4"	B	25	25

641XG333

641XG323

641XG223

F1807 Tee

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE - NL/DZR BRASS			
641XG111	3/8" × 3/8" × 3/8"	B	50	500
641XG222	1/2" × 1/2" × 1/2"	B	50	50
641XG333	3/4" × 3/4" × 3/4"	B	20	200
641XG444	1" × 1" × 1"	B	20	200
	REDUCING TEE - NL/DZR BRASS			
641XG322	3/4" × 1/2" × 1/2"	B	20	200
641XG323	3/4" × 1/2" × 3/4"	B	20	200
641XG332	3/4" × 3/4" × 1/2"	B	20	200
641XG442	1" × 1" × 1/2"	B	20	200
641XG443	1" × 1" × 3/4"	B	20	200
	BULLHEAD TEE- NL/DZR BRASS			
641XG223	1/2" × 1/2" × 3/4"	B	20	200
	TEE - F1807 X FIP			
641XXF3	3/4" F1807 x 3/4" F1807 x 3/4" FIP	BI	10	100
641XXF4	1" F1807 x 1" F1807 x 3/4" FIP	BI	10	100
	TEE - F1807 X FIP			
641XXF3	3/4" F1807 x 3/4" F1807 x 3/4" FIP	BI	10	100
641XXF4	1" F1807 x 1" F1807 x 3/4" FIP	BI	10	100

641XXF3

F1807 Tee

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
641XXF3	3/4" F1807 x 3/4" F1807 x 3/4" FIP	BI	10	100
641XXF4	1" F1807 x 1" F1807 x 3/4" FIP	BI	10	100

F1807 Coupling

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
645X2	1/2" × 1/2"	B	100	1000
645X3	3/4" × 3/4"	B	50	500
645X32	3/4" × 1/2"	B	50	500
645X4	1" × 1"	B	25	250
645X43	1" × 3/4"	B	25	250
645X5	1-1/4" × 1-1/4"	B	10	10
645X54	1-1/4" × 1"	B	10	10
	NL/DZR BRASS			
645XG1	3/8" × 3/8"	B	100	1000
645XG12	1/2" × 3/8"	B	50	500
645XG2	1/2" × 1/2"	B	100	1000
645XG3	3/4" × 3/4"	B	50	500
645XG32	3/4" × 1/2"	B	50	500
645XG4	1" × 1"	B	25	250
645XG43	1" × 3/4"	B	25	250

645X2

645XG2

F1807 Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
640XG01	3/8" F1807	B	100	1000
640XG02	1/2" F1807	B	100	1000
640XG03	3/4" F1807	B	100	1000
640XG04	1" F1807	B	25	250

640XG02

F1807 Straight Adapter

CPVC, CTS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC CUP - COPPER			
645XC2	1/2" F1807 × 1/2" CPVC	B	50	50
645XC23	1/2" F1807 × 3/4" CPVC	B	50	50
645XC2PK2	1/2" F1807 × 1/2" CPVC, 1/Bag	CI	10	10
645XC3	3/4" F1807 × 3/4" CPVC	B	50	50
645XC34	3/4" F1807 × 1" CPVC	B	20	20
645XC3PK2	3/4" F1807 × 3/4" CPVC, 1/Bag	CI	10	10
645XC4	1" F1807 × 1" CPVC	B	20	20
645XC43	1" F1807 × 3/4" CPVC	B	20	20
	CPVC CUP - NL/DZR BRASS			
645XGC2	1/2" F1807 × 1/2" CPVC	B	50	50
645XGC3	3/4" F1807 × 3/4" CPVC	B	50	50
645XGC4	1" F1807 × 1" CPVC	X	20	20
	CPVC MALE - COPPER			
645XCM2	1/2" F1807 × 1/2" Male CPVC	B	50	50

645XGC3

645XCM2

645XC93

F1807 Straight Adapter

CPVC - IPS Gray

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
645XC923	1/2" F1807 × 3/4" Sch 40 CPVC	B	25	25
645XC93	3/4" F1807 × 3/4" Sch 40 CPVC	B	50	50
645XC94	1" F1807 × 1" Sch 40 CPVC	B	20	20

645X3P

F1807 Straight Adapter

PVC

· For cold water applications. Do not exceed 140° F.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
645X23P	1/2" F1807 × 3/4" PVC	B	50	50
645X34P	3/4" F1807 × 1" PVC	B	20	20
645X3P	3/4" F1807 × 3/4" PVC	B	50	50
645X43P	1" F1807 × 3/4" PVC	B	20	20
645X4P	1" F1807 × 1" PVC	B	20	20

643X2

F1807 Straight Adapter

Male Sweat

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
643X2	1/2" F1807 × 1/2" MSWT	B	100	1000
643X202	1/2" F1807 × 1/2" MSWT, 2" Long	B	50	500
643X23	3/4" F1807 × 1/2" MSWT	B	50	100
643X3	3/4" F1807 × 3/4" MSWT	B	50	500
643X32	1/2" F1807 × 3/4" MSWT	B	50	500
643X34	1" F1807 × 3/4" MSWT	B	25	250
643X4	1" F1807 × 1" MSWT	B	25	250
643X43	3/4" F1807 × 1" MSWT	B	25	250
643X5	1-1/4" F1807 × 1-1/4" MSWT	B	10	10
	NL/DZR BRASS			
643XG1	3/8" F1807 × 1/2" MSWT	B	100	1000
643XG2	1/2" F1807 × 1/2" MSWT	B	100	1000
643XG23	3/4" F1807 × 1/2" MSWT	B	50	500
643XG3	3/4" F1807 × 3/4" MSWT	B	50	500
643XG32	1/2" F1807 × 3/4" MSWT	B	50	500
643XG34	1" F1807 × 3/4" MSWT	B	25	250
643XG4	1" F1807 × 1" MSWT	B	25	250
643XG43	3/4" F1807 × 1" MSWT	B	25	250

F1807 Straight Adapter

Female Sweat

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
644X2	1/2" F1807 × 1/2" FSWT	B	100	1000
644X23	3/4" F1807 × 1/2" FSWT	B	25	100
644X3	3/4" F1807 × 3/4" FSWT	B	50	500
644X32	1/2" F1807 × 3/4" FSWT	B	50	500
644X34	1" F1807 × 3/4" FSWT	B	25	250
644X4	1" F1807 × 1" FSWT	B	25	250
644X43	3/4" F1807 × 1" FSWT	B	25	250
644X5	1-1/4" F1807 × 1-1/4" FSWT	B	10	10
	NL/DZR BRASS			
644XG1	3/8" F1807 × 1/2" FSWT	B	100	500
644XG2	1/2" F1807 × 1/2" FSWT	B	100	1000
644XG3	3/4" F1807 × 3/4" FSWT	B	50	500
644XG32	1/2" F1807 × 3/4" FSWT	B	50	500
644XG4	1" F1807 × 1" FSWT	B	25	250
644XG43	3/4" F1807 × 1" FSWT	B	25	250

644X2

644XG2

F1807 Straight Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
646XG2	1/2" F1807 × 1/2" MIP	B	100	100
646XG23	3/4" F1807 × 1/2" MIP	B	50	50
646XG3	3/4" F1807 × 3/4" MIP	B	25	250
646XG32	1/2" F1807 × 3/4" MIP	B	50	50
646XG34	1" F1807 × 3/4" MIP	B	25	25
646XG4	1" F1807 × 1" MIP	B	50	50
646XG43	3/4" F1807 × 1" MIP	B	50	50

646XG2

F1807 Straight Adapter

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
647XG2	1/2" F1807 × 1/2" FIP	B	50	250
647XG23PK2	1/2" F1807 × 3/4" FIP, 1/Bag	CI	10	10
647XG3	3/4" F1807 × 3/4" FIP	B	50	50
647XG4	1" F1807 × 1" FIP	B	50	50

647XG2

632XG332M

F1807 Elbow Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
632XG222M	1/2" F1807 × 1/2" MIP	B	50	50
632XG332M	3/4" F1807 × 3/4" MIP	B	50	50

647XG2E3

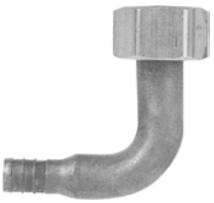
616X2PX

F1807 Elbow Adapter

Tub/Shower Elbow

Related Products
Shower Arm Test Plug p 453
WiderSlider™ Adjustable Bracket p 512

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DROP-EAR - NL/DZR BRASS			
647XG21E3	1/2" F1807 × 3/8" FIP	B	25	25
647XG2E3	1/2" F1807 × 1/2" FIP	B	50	50
	DROP-EAR - LEADED			
647X23E	3/4" F1807 × 1/2" FIP	B	50	50
	SHOWER-LOCK - LEADED			
616X2PX	1/2" F1807 × 1/2" FIP	B	50	50



637X235

F1807 Elbow Adapter

3/4" FIP Swivel

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR			
637X235	1/2" F1807	B	50	50
637X335	3/4" F1807	B	25	25

632X222

F1807 Elbow Adapter

Male Sweat

Related Products
Tub/Shower Connector p 28

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
632X222	1/2" F1807 × 1/2" MSWT	B	100	1000
632X332	3/4" F1807 × 3/4" MSWT	B	25	250

F1807 Elbow Adapter

Female Sweat

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
632X225	1/2" F1807 × 1/2" FSWT	B	100	1000
632X335	3/4" F1807 × 3/4" FSWT	B	25	250

632X225

F1807 Ballcock Adapter

Toilet Swivel

· Nose cone seal. Do not use thread sealant

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ELBOW - COPPER			
637X423PK	1/2" F1807 × Ballcock Swivel	CI	10	10

F1807 Faucet Adapter

1/2" FIP Swivel

· Nose cone seal. Do not use thread sealant

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STRAIGHT - COPPER			
637X20	1/2" F1807	B	50	500
637X20PK2	1/2" F1807, 2/Bag	CI	10	10
	ELBOW - COPPER			
637X25	1/2" F1807	B	50	50

637X20

637X25

Straight Adapter

Compression

· DO NOT use pipe dope on compression threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR			
637XG711	3/8" F1807 × 3/8" O.D. Comp.	B	20	20
637XG721	1/2" F1807 × 3/8" O.D. Comp.	B	20	20

637XG721

645X2GPK2

Straight Adapter

Polybutylene (PB) (ASTM F1380) × PEX

- For use with PEX SDR9 tube only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
645X2G	1/2" F1807 × 1/2" PB w/Rings	B	50	50
645X2GPK2	1/2" F1807 × 1/2" PB w/Rings, 1/Bag	CI	10	10
645X3G	3/4" F1807 × 3/4" PB w/Rings	B	50	50
645X3GPK2	3/4" F1807 × 3/4" PB w/Rings, 1/Bag	CI	10	10

F1807 Stub Out Elbow

630X248

Related Products
F1807 Stub Out Kit p 32

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630X148	3/8" F1807, 3-1/2" × 8"	B	50	50
630X2138	1/2" F1807, 13" × 8"	B	50	50
630X2412	1/2" F1807, 3-1/2" × 12"	B	50	50
630X246	1/2" F1807, 3-1/2" × 6"	B	50	50
630X248	1/2" F1807, 3-1/2" × 8"	B	50	50
630X248PK	1/2" F1807, 3-1/2" × 8"	CI	6	6
630X3136	3/4" F1807, 13" × 6"	B	50	50
630X3412	3/4" F1807, 4-1/2" × 12"	B	50	50
630X348	3/4" F1807, 4-1/2" × 8"	B	50	50
630X4612	1" F1807, 6" × 12"	B	25	25
630X468	1" F1807, 6" × 8"	B	25	25

F1807 Stub Out Elbow

Square O Strap

630X248E

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630X148E	3/8" F1807, 3-1/2" × 8" w/Strap	B	25	25
630X2412E	1/2" F1807, 3-1/2" × 12" w/Strap	B	25	25
630X246E	1/2" F1807, 3-1/2" × 6" w/Strap	B	25	25
630X248E	1/2" F1807, 3-1/2" × 8" w/Strap	B	25	25
630X248EPK	1/2" F1807, 3-1/2" × 8" w/Strap	CI	20	20
630X348E	3/4" F1807, 4-1/2" × 8" w/Strap	B	25	25
630X468E	1" F1807, 6" × 8" w/Strap	B	10	10

F1807 Stub Out Elbow

Double Stub Out

630XD288

Related Products
3-Valve Kitchen Supply Box p 171

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630XD288	1/2" F1807, 7" × 8" × 8"	B	25	25

643X208

F1807 Bullet™

- Not to be used as permanent air chambers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SPUN CLOSED			
638X208	1/2" F1807, 8"	B	100	100
638X208PK	1/2" F1807, 8"	CI	20	20
638X212	1/2" F1807, 12"	B	100	100
638X312	3/4" F1807, 12"	B	50	50
	SPUN CLOSED WITH STRAP			
638X212E	1/2" F1807, 12" Long, 8" Stub Out	B	50	50
638X218E	1/2" F1807, 18" Long, 10" Stub Out	B	25	25
	OPEN ENDED STUB OUT			
643X208	1/2" F1807, 8"	B	100	100
643X212	1/2" F1807, 12"	B	100	100

632X283

632X263Y

F1807 Tub/Shower Pressure Connector

- DO NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632X243	1/2" F1807 × 1/2" MSWT, 4" × 2-1/4"	B	50	50
632X243PK	1/2" F1807 × 1/2" MSWT, 4" × 2-1/4"	CI	20	20
632X263	1/2" F1807 × 1/2" MSWT, 6" × 2-1/4"	B	50	50
632X263X	1/2" F1807 × 1/2" MIP Swivel, 6" × 3"	B	50	50
632X263Y	1/2" F1807 × 1/2" FIP Swivel, 6" × 3"	B	50	50
632X283	1/2" F1807 × 1/2" MSWT, 8" × 2-1/4"	B	50	50
632X458	1" F1807 × 1" MSWT, 5" × 8"	B	25	25

631X02

631XG02FP

F1807 Water Heater Connector

FIP Swivel Elbow

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
631X02	3/4" F1807 × 3/4" FIP Swivel, 4-1/2" × 2"	B	25	25
631XG3TM9	3/4" F1807 × 3/4" FIP Swivel, w/ 3/4" MIP Branch, 6" × 9"	B	25	25
	VALVED, FULL PORT			
631XG02FP	3/4" F1807 × 3/4" FIP Swivel, 6" × 3"	B	12	12

F1807 Water Heater Connector

FIP Swivel Straight

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
633X02	3/4" F1807 × 3/4" FIP Swivel, 2"	B	25	25
633X18	3/4" F1807 × 3/4" FIP Swivel, 18"	B	25	25
633X18PK	3/4" F1807 × 3/4" FIP Swivel, 18", 1/Bag	CI	25	25
	VALVED, FULL PORT			
633XG18FP	3/4" F1807 × 3/4" FIP Swivel, 18"	BI	10	10
633XG18FPT	3/4" F1807 × 3/4" FIP Swivel, w/ 3/4" FIP Branch , 18"	B	10	10
	THERMAL EXPANSION VALVE, FULL PORT			
633XG18FRV	3/4" F1807 × 3/4" FIP Swivel, w/ Pressure Relief 3/8" Comp., 18"	B	10	10
633XG18HRV	3/4" F1807 × 3/4" FIP Swivel, w/ Pressure Relief 3/8" Hose Barb, 18"	B	10	10
633XG18XRV	3/4" F1807 × 3/4" FIP Swivel, w/ Pressure Relief 1/2" F1807, 18"	B	10	10

633X18

633XG18HRV

F1807 Water Heater Connector

Flexible Copper, FIP Swivel

- Do not twist or kink flexible connector
- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
634X418	3/4" F1807 × 3/4" FIP Swivel, 18"	BI	10	10
	VALVED, FULL PORT			
634XG418FP	3/4" F1807 × 3/4" FIP Swivel, 18"	BI	25	25

634X418

634XG418FP

F1807 Water Loop

Water Heater Stub Out Loop

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
636X38883	3/4" F1807	B	12	12
636X48884	1" F1807	B	12	12

636X48884

648XG3

648-3SX

648XG3XRV

F1807 Brass Ball Valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FULL PORT			
648XG2	1/2" F1807	B	10	120
648XG2PK	1/2" F1807	CI	10	10
648XG3	3/4" F1807	B	8	96
648XG3PK	3/4" F1807	CI	10	10
648XG4	1" F1807	B	4	40
648XG4PK	1" F1807	CI	6	6
	FULL PORT WITH DRAIN			
648XG2FPD	1/2" F1807	B	5	30
648XG3FPD	3/4" F1807	B	5	30
	FULL PORT FIPS X F1807			
648-3SX	3/4" FIPS x 3/4" F1807	X	5	5
	THERMAL EXPANSION VALVE - 125 PSI			
648-XG3CR	3/4" F1807 × 3/4" FSWT, 3/8" Comp. Port	BI	6	6
648-XG3HR	3/4" F1807 × 3/4" FSWT, 3/8" Hose Barb Port	BI	6	6
648XG3XRV	3/4" F1807 × 3/4" F1807, 1/2" F1807 Port	BI	6	6
648XG4XRV	1" F1807 × 1" F1807, 1/2" F1807 Port	BI	6	6
	THERMAL EXPANSION VALVE - ADJUSTABLE, FULL PORT			
648-3SMARX	3/4" FIP Swivel × 3/4" MIP, 1/2" F1807 Port (80-125 PSI)	BI	6	6
	ADJUSTABLE REPLACEMENT RELIEF PORT			
648-ARX	1/8" MIP × 1/2" F1807 (80-125 PSI)	BI	6	6

117X2

F1807 Sillcock

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED BRASS			
117X2	1/2" F1807	BI	10	100

118X208

F1807 Frost-Proof Anti-Siphon Sillcock

Related Products
Frost-Proof Sillcock Replacement Parts p 114

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MULTI-TURN - LEADED			
118X204	1/2" F1807 × 3/4" MHT, 4"	BI	1	40
118X206	1/2" F1807 × 3/4" MHT, 6"	BI	1	40
118X208	1/2" F1807 × 3/4" MHT, 8"	BI	1	40
118X210	1/2" F1807 × 3/4" MHT, 10"	BI	1	40
118X212	1/2" F1807 × 3/4" MHT, 12"	BI	2	40

F1807 Frost-Proof Anti-Siphon Sillcock (Cont)

119X208P

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4 TURN - LEADED			
119X204P	1/2" F1807 × 3/4" MHT, 4"	B	5	5
119X206P	1/2" F1807 × 3/4" MHT, 6"	B	5	5
119X208P	1/2" F1807 × 3/4" MHT, 8"	B	5	5
119X210P	1/2" F1807 × 3/4" MHT, 10"	B	5	5
119X212P	1/2" F1807 × 3/4" MHT, 12"	B	5	5

F1807 Ice Maker Valve

Straight & Tee

· DO NOT use pipe dope on compression threads

Related Products
Add-A-Line™ Push Valve p 127

637XG920

637XG9220

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STRAIGHT - NL/DZR BRASS			
637XG920	1/2" F1807 × 1/4" O.D. Comp.	B	25	250
637XG920PK1	1/2" F1807 × 1/4" O.D. Comp., 1/Bag	BI	10	10
	TEE - NL/DZR BRASS			
637XG9220	1/2" F1807 × 1/4" O.D. Comp.	B	25	250
637XG9220PK1	1/2" F1807 × 1/4" O.D. Comp., 1/Bag	BI	10	10

689X2101

F1807 Stub Out Kit

1/2" Water Closet Stub Out With Bracket

· For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	16" STUD BAY			
689X2101	(1) 525-1612, (1) 630X246	BI	12	12
689X2201	(1) 525-1612, (1) 630X248	BI	12	12

689X3102

F1807 Stub Out Kit

1/2" Lav/Sink Stub Outs With Bracket

· For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	16" STUD BAY			
689X3102	(1) 525-1622, (2) 630X246	BI	12	12
689X3202	(1) 525-1622, (2) 630X248	BI	12	12
	24" STUD BAY			
689X3112	(1) 525-2422, (2) 630X246	BI	12	12
689X3212	(1) 525-2422, (2) 630X248	BI	12	12

689XG211

F1807 Stub Out Kit

StopOut™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
689XG11	1/2" F1807 x (1) 3/8" Comp.	B	10	10
689XG201	1/2" F1807 x (1) 1/4" Comp. (1) 3/8" Comp.	B	10	10
689XG211	1/2" F1807 x (2) 3/8" Comp.	B	10	10

689X5103

F1807 Stub Out Kit

3/4" Water Heater Stub Outs With Bracket

· For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
689X5103	(1) 525-1623, (2) 630X348	BI	12	12

F1807 Stub Out Kit

1/2" Shower Riser Elbow With Bracket

689X2291

- For individual product details, see product pages

Related Products
Shower WallNut™ p 616

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
689X2291	(1) 525-16WLB, (1) 630X248	BI	12	12

F1807 Water Heater Connector Kit

694XG32012091

- Do NOT use thread sealant on FIP swivel threads
- For individual product details, see product pages

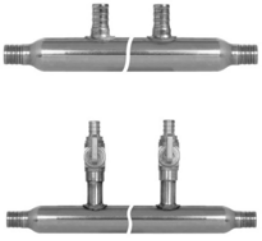
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
694XG32012091	(1) 631XG02FP, (1) 633-G3TM15, (1) 633X18	BI	10	10
694XG32012093	(1) 631XG02FP, (1) 633-G3TM11, (1) 633X18	BI	10	10
694XG322120	(1) 633X18, (1) 633XG18FP	BI	10	10

1/2" F1807 Branch, Manifold

3/4" F1807 × Spun Closed Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER BRANCHES			
672X0390	1/2" F1807, 3 Port	B	25	25
672X0490	1/2" F1807, 4 Port	B	25	25
672X0490PK	1/2" F1807, 4 Port	BI	5	5
672X0590	1/2" F1807, 5 Port	B	25	25
672X0690	1/2" F1807, 6 Port	B	25	25
672X0690PK	1/2" F1807, 6 Port	BI	5	5
672X0790	1/2" F1807, 7 Port	B	25	25
672X0890	1/2" F1807, 8 Port	B	25	25
672X0990	1/2" F1807, 9 Port	B	25	25
672X1090	1/2" F1807, 10 Port	B	25	25
672X1290	1/2" F1807, 12 Port	B	25	25
	BALL VALVE BRANCHES			
672XV0490	1/2" F1807 Ball Valve, 4 Port	BI	1	10
672XV0490PK	1/2" F1807 Ball Valve, 4 Port	BI	5	5
672XV0590	1/2" F1807 Ball Valve, 5 Port	BI	1	10
672XV0690	1/2" F1807 Ball Valve, 6 Port	BI	1	10



1/2" F1807 Branch, Manifold

3/4" F1807 × 3/4" F1807 Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
672X0399	1/2" F1807, 3 Port	B	25	25
672X0499	1/2" F1807, 4 Port	B	25	25
672X0499PK	1/2" F1807, 4 Port	BI	6	6
672X0599	1/2" F1807, 5 Port	B	25	25
672X0699	1/2" F1807, 6 Port	B	25	25
672X0699PK	1/2" F1807, 6 Port	BI	6	6
672X0899	1/2" F1807, 8 Port	B	25	25
672X0999	1/2" F1807, 9 Port	B	25	25
672X1299	1/2" F1807, 12 Port	B	25	25
	BALL VALVE BRANCHES			
672XV0499	1/2" F1807 Ball Valve, 4 Port	BI	1	10
672XV0599	1/2" F1807 Ball Valve, 5 Port	BI	1	10
672XV0699	1/2" F1807 Ball Valve, 6 Port	BI	1	10
672XV0699-2PK	1/2" F1807 Ball Valve, 6 Port	BI	5	5

1/2" F1807 Branch, Manifold

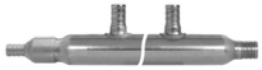
1/2" F1807 × Closed Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0380	1/2" F1807, 3 Port	B	25	25
672X0480	1/2" F1807, 4 Port	B	25	25

1/2" F1807 Branch, Manifold

1/2" F1807 × 3/4" F1807 Trunk

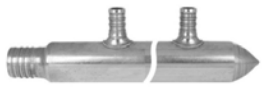


- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0698	1/2" F1807, 6 Port	B	25	25

1/2" F1807 Branch, Manifold

1" F1807 × Spun Closed Trunk



- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0470	1/2" F1807, 4 Port	B	10	10
672X0670	1/2" F1807, 6 Port	B	10	10
672X0870	1/2" F1807, 8 Port	B	10	10
672X1270	1/2" F1807, 12 Port	B	10	10

1/2" F1807 Branch, Manifold

3/4" F1807 × 1" F1807 Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

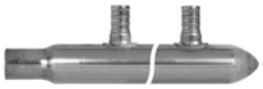
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0497	1/2" F1807, 4 Port	B	10	10
672X0697	1/2" F1807, 6 Port	B	10	10
672X0897	1/2" F1807, 8 Port	B	10	10
672X1297	1/2" F1807, 12 Port	B	10	10

1/2" F1807 Branch, Manifold

1" F1807 × 1" F1807 Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0477	1/2" F1807, 4 Port	B	10	10
672X0677	1/2" F1807, 6 Port	B	10	10
672X0877	1/2" F1807, 8 Port	B	10	10
672X1277	1/2" F1807, 12 Port	B	10	10



1/2" F1807 Branch, Manifold

3/4" MSWT× Spun Closed Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0330	1/2" F1807, 3 Port	B	25	25
672X0430	1/2" F1807, 4 Port	B	25	25
672X0630	1/2" F1807, 6 Port	B	25	25
672X0830	1/2" F1807, 8 Port	B	25	25
672X0930	1/2" F1807, 9 Port	B	25	25
672X1230	1/2" F1807, 12 Port	B	25	25

672X0431PK

1/2" F1807 Branch, Manifold

3/4" MSWT × 3/4" FSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER BRANCHES			
672X0431PK	1/2" F1807, 4 Port	BI	5	5
	BALL VALVE BRANCHES			
672XV0486PK	1/2" F1807 Ball Valve, 4 Port	BI	5	5

1/2" F1807 Branch, Manifold

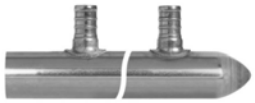
3/4" MSWT × 3/4" MSWT, Extended Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0433EE	1/2" F1807, 4 Port	B	10	10
672X0633EE	1/2" F1807, 6 Port	B	10	10
672X0833EE	1/2" F1807, 8 Port	B	10	10
672X1033EE	1/2" F1807, 10 Port	B	10	10
672X1233EE	1/2" F1807, 12 Port	B	10	10

1/2" F1807 Branch, Manifold

1" MSWT × Spun Closed Trunk



- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0440	1/2" F1807, 4 Port	B	25	25
672X0640	1/2" F1807, 6 Port	B	25	25
672X0840	1/2" F1807, 8 Port	B	25	25
672X1240	1/2" F1807, 12 Port	B	25	25

1/2" F1807 Branch, Manifold

1" MSWT × 1" MSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X0644	1/2" F1807, 6 Port	B	25	25
672X0844	1/2" F1807, 8 Port	B	25	25
672X1244	1/2" F1807, 12 Port	B	25	25

1/2" F1807 Branch, Manifold

1" FSWT × Spun Closed Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	RIGHT-SIDE BALL VALVE BRANCHES			
672XV0810	1/2" F1807 Ball Valve, 8 Port	BI	1	10
672XV1010	1/2" F1807 Ball Valve, 10 Port	BI	1	10
672XV1210	1/2" F1807 Ball Valve, 12 Port	BI	1	4
672XV1510	1/2" F1807 Ball Valve, 15 Port	BI	1	5
672XV1810	1/2" F1807 Ball Valve, 18 Port	BI	1	5
	LEFT-SIDE BALL VALVE BRANCHES			
672XV0810L	1/2" F1807 Ball Valve, 8 Port	BI	1	10
672XV1010L	1/2" F1807 Ball Valve, 10 Port	BI	1	10
672XV1210L	1/2" F1807 Ball Valve, 12 Port	BI	1	4
672XV1510L	1/2" F1807 Ball Valve, 15 Port	BI	1	5
672XV1810L	1/2" F1807 Ball Valve, 18 Port	BI	1	5

1/2" F1807 Branch, Manifold

1" MSWT × 1" FSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRASS BRANCHES			
672X0242	1/2" F1807, 2 Port	BI	1	10
672X0342	1/2" F1807, 3 Port	BI	1	10
672X0442	1/2" F1807, 4 Port	BI	1	10
672X4L-1131B3	1/2" F1807, 11 Port, 3" O.C.	BI	5	5
	BALL VALVE BRANCHES			
672XV0242	1/2" F1807 Ball Valve, 2 Port	BI	1	10
672XV0342	1/2" F1807 Ball Valve, 3 Port	BI	1	10
672XV0431PK	1/2" F1807 Ball Valve, 4 Port	BI	5	5
672XV0442	1/2" F1807 Ball Valve, 4 Port	BI	1	10
672XV4L-11313	1/2" F1807 Ball Valve, 11 Port, 3" O.C.	BI	1	5
	BALANCING/BALL VALVE BRANCHES - LEADED			
672XB0242	1/2" F1807 Balancing Valve, 2 Port	BI	1	10
672XB0342	1/2" F1807 Balancing Valve, 3 Port	BI	1	10
672XB0442	1/2" F1807 Balancing Valve, 4 Port	BI	1	10

1/2" F1807 Branch, Manifold

1" CPVC × Spun Closed Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672X03C0	1/2" F1807, 3 Port	B	10	10
672X04C0	1/2" F1807, 4 Port	B	10	10
672X05C0	1/2" F1807, 5 Port	B	10	10
672X06C0	1/2" F1807, 6 Port	B	10	10
672X08C0	1/2" F1807, 8 Port	B	10	10
672X10C0	1/2" F1807, 10 Port	B	10	10
672X12C0	1/2" F1807, 12 Port	B	10	10

1/2" F1807 Branch, Multi-Port Tee

3/4" F1807 × Closed Trunk

672XGT0390

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
672XGT0390	1/2" F1807, 3 Port, 1/Bag	BI	10	100
672XGT0490	1/2" F1807, 4 Port, 1/Bag	BI	10	100

1/2" F1807 Branch, Multi-Port Tee

3/4" F1807 × 3/4" F1807 Trunk

672XGT0399

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
672XGT0399	1/2" F1807, 3 Port, 1/Bag	BI	10	100
672XGT0499	1/2" F1807, 4 Port, 1/Bag	BI	10	100

305-7095

305-7120

305-995

Crimp Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
305-7023	1/2"- 3/4", Straight Handle	BI	1	10
305-7040	1", Straight Handle	BI	1	10
305-7050	1-1/4", Straight Handle	BI	1	10
305-7095	5-N-1 Combo Kit w/ Case (3/8"- 1/2"- 5/8"- 3/4"- 1") Straight Handle	BI	1	5
	COMPACT			
305-7110	3/8" w/ Case	BI	1	8
305-7120	1/2" w/ Case	BI	1	8
305-7123	1/2"- 3/4" w/ Case	BI	1	8
305-7130	3/4" w/ Case	BI	1	8
	GO/NO-GO GAUGE			
305-995	3/8", 1/2", 5/8", 3/4", 1", 1/Bag	BI	1	200

Tube Stiffener

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLYPROPYLENE			
603Q2	1/2", 6/Bag	CI	15	15
603Q3	3/4", 6/Bag	CI	15	15
603Q4	1", 6/Bag	CI	15	15
	STAINLESS STEEL			
280-A266537	1/2"	B	10	2500
280-A266607	3/4"	B	50	1000
280-A266617	1"	B	50	1000
280-A266627	1-1/4"	B	25	25

603Q2

280-A266537

305-999

Crimp Ring Removal Tool

- For use on Brass or Stainless Steel fittings only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-999	3/8" - 1"	BI	1	40

305-82TX

305-92TX

305-85TX

V-Sleeve™ Compression Tool

- Exclusively for installing Sioux Chief 's V-Sleeve ™ stainless steel PEX compression system

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
305-804	1" Straight Handle	BI	1	10
	COMPACT			
305-92TX	1/2"	BI	1	10
	GO/NO-GO GAUGE			
305-85TX	1/2", 3/4", & 1"	BI	1	12

304-08

Plastic Tube Cutter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
304-08	Plastic Tube And Hose Cutter – 2-1/4" Blade Length	BI	12	72
304-1	Replacement Blade For 304-08	BI	1	50
304-12	Plastic Tube And Hose Cutter – 3-1/4" Blade Length	BI	12	12
304-12B	Replacement Blade For 304-12	BI	12	12

304-11

Ratchet Tube Cutter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
304-11	Cuts 3/8" Thru 1-1/4" Diameter Tube/Pipe	BI	12	12
305-A139092	Cuts 1-1/4" Thru 2" Diameter Tube/Pipe	BI	1	10
305-A139092B	Replacement Blade for 305-A139092	BI	1	25

PowerPEX® Systems
for ASTM F2159

ASTM F2159 - Fittings, Adapters & Connectors

Sioux Chief's PowerPEX® ASTM F2159 polymer fittings utilize high-performance, engineered polymer materials designed for use in potable water applications. Extensive research and testing has been performed on the quality and durability of these materials when used in potable water applications. ASTM F2159 fittings are designed for use with a copper crimp ring or the F877 V-Sleeve™, both of which provide 360° of compression around the sealing barbs. Stainless steel cinch clamps can also be used with the PowerPex ASTM F2159 fitting system.

Sioux Chief is transitioning from white fittings to black fittings for all ASTM F2159. This transition will take place through 2022 and may extend beyond. Fitting orders may include a mixture of both fitting colors if necessary.

Note: There are special considerations for using polymer fittings. Refer to the Sioux Chief PowerPEX installation manual for more information on limitations of polymer fitting systems.

649X2 **Page 45**	**649TX2** **Page 45**	**649Y2** **Page 45**	**642PX2** **Page 45**	**641PX222** **Page 46**
645PX3 **Page 46**	**640PX12** **Page 46**	**646PX3** **Page 47**	**637PX20** **Page 47**	**632PX222M** **Page 47**
637PX25 **Page 47**				

Crimp Ring

- Do not use with PB tube
- For use with PEX SDR9 tube only

649X2

Related Products
Crimp Tool p 40

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
649X1	3/8" PEX	B	100	1000
649X2	1/2" PEX	B	100	1000
649X3	3/4" PEX	B	100	500
649X4	1" PEX	B	25	250

V-Sleeve™

PEX Compression Sleeve

649TX2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL			
649TX2	1/2" PEX	B	100	1000
649TX3	3/4" PEX	B	100	500
649TX4	1" PEX	B	25	250

Cinch Clamp

649Y2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL			
649Y1PK1	3/8" PEX, 10/Bag	BI	1	200
649Y2	1/2" PEX, 100/Bag	BI	1	20
649Y3	3/4" PEX, 100/Bag	BI	1	10
649Y4PK1	1" PEX, 10/Bag	BI	10	100

F2159 Poly Elbow

642PX3

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
642PX2	1/2" × 1/2", 25/Bag	B	1	10
642PX3	3/4" × 3/4", 25/Bag	B	1	10
642PX32	3/4" × 1/2", 25/Bag	B	1	10
642PX4	1" × 1", 25/Bag	B	1	10

641PX333

641PX322

641PX334

F2159 Poly Tee

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE			
641PX222	1/2" × 1/2" × 1/2", 50/Bag	B	1	10
641PX333	3/4" × 3/4" × 3/4", 20/Bag	B	1	10
641PX444	1" × 1" × 1", 20/Bag	B	1	10
	REDUCING TEE			
641PX322	3/4" × 1/2" × 1/2", 20/Bag	B	1	10
641PX323	3/4" × 1/2" × 3/4", 20/Bag	B	1	10
641PX332	3/4" × 3/4" × 1/2", 20/Bag	B	1	10
641PX433	1" × 3/4" × 3/4", 20/Bag	B	1	10
641PX434	1" × 3/4" × 1", 20/Bag	B	1	10
641PX442	1" × 1" × 1/2", 20/Bag	B	1	10
641PX443	1" × 1" × 3/4", 20/Bag	B	1	10
	BULLHEAD TEE			
641PX223	1/2" × 1/2" × 3/4", 20/Bag	B	1	10
641PX334	3/4" × 3/4" × 1", 20/Bag	B	1	10

645PX2

F2159 Poly Coupling

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
645PX2	1/2" × 1/2", 25/Bag	B	1	20
645PX3	3/4" × 3/4", 25/Bag	B	1	20
645PX32	3/4" × 1/2", 25/Bag	B	1	20
645PX4	1" × 1", 25/Bag	B	1	10
645PX42	1" × 1/2", 25/Bag	B	1	10
645PX43	1" × 3/4", 25/Bag	B	1	10

640PX13

F2159 Poly Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
640PX12	1/2" F2159, 50/Bag	B	1	20
640PX13	3/4" F2159, 25/Bag	B	1	20
640PX14	1" F2159, 25/Bag	B	1	10

F2159 Poly Straight Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
646PX2	1/2" F2159 × 1/2" MIP, 25/Bag	B	1	10
646PX23	3/4" F2159 × 1/2" MIP, 25/Bag	B	1	10
646PX3	3/4" F2159 × 3/4" MIP, 25/Bag	B	1	10
646PX32	1/2" F2159 × 3/4" MIP, 25/Bag	B	1	10
646PX4	1" F2159 × 1" MIP, 25/Bag	B	1	10

646PX3

F2159 Poly Straight Adapter

FIP Swivel

· Nose cone seal. Do not use thread sealant

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
637PX20	1/2" F2159 × 1/2" FIP, 50/Bag	BI	1	10

637PX20

F2159 Poly Elbow Adapter

MIP Elbow

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632PX222M	1/2" F2159 × 1/2" MIP, 25/Bag	B	1	10
632PX232M	3/4" F2159 × 1/2" MIP, 25/Bag	B	1	10
632PX332M	3/4" F2159 × 3/4" MIP, 25/Bag	B	1	10

632PX232M

F2159 Poly Elbow Adapter

FIP Swivel Elbow

· Nose cone seal. Do not use thread sealant

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
637PX25	1/2" F2159 × 1/2" FIP Swivel, 50/Bag	B	1	10

637PX25

1/2" F2159 Poly Manifold

3/4" F2159 PEX × Closed

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672PX0290	1/2" F2159, 2 Port 1/Bag	BI	5	20
672PX0390	1/2" F2159, 3 Port 1/Bag	BI	10	230
672PX0490	1/2" F2159, 4 Port 1/Bag	BI	5	160

672PX0390

672PX0499

1/2" F2159 Poly Manifold

3/4" F2159 PEX × 3/4" F2159 PEX

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672PX0299	1/2" F2159, 2 Port 1/Bag	BI	5	230
672PX0399	1/2" F2159, 3 Port 1/Bag	BI	10	170
672PX0499	1/2" F2159, 4 Port 1/Bag	BI	10	160

PowerPEX® Systems
for ASTM F1960

ASTM F1960 - Brass Fittings, Adapters & Connectors

ASTM F1960 - Preformed Copper

ASTM F1960 - Valves

ASTM F1960 - Kits

ASTM F1960 Manifolds

ASTM F1960 - PPSU Fittings, Adapters & Connectors

ASTM F1960 - Expansion Tools

The Sioux Chief PowerPEX® ASTM F1960 fitting system has a larger I.D., which provides higher flow rates than other insert-fitting systems. Expansion tools are used to expand the tube and F1960 PEX rings, which then shrink to compress over fitting barbs.

Note: All expansion joints made using PowerPEX Type-B tubing MUST be made with a self- rotating, power expansion tool to eliminate weak spots and avoid improper expansion rates.

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644WG2 **Page 53**	**646WG3** **Page 54**	**647WG2E3** **Page 55**	**632WG332** **Page 55**	**630WG248E** **Page 56**
638WG208 **Page 56**	**632W273X** **Page 57**	**631WG02** **Page 57**	**633WG18FP** **Page 57**	**648WG2FPPK1** **Page 58**
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641WP222 **Page 65**	**646WP3** **Page 67**	**637WP20** **Page 67**	**672WP0390** **Page 68**	**305-W23KIT** **Page 69**

Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

F1960 Expansion Ring

- For use with PEX SDR9 tube only

Related Products
F1960 Expansion Tools p 69

649WP2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
649WP2	1/2" F1960, PEX-A	B	50	1000
649WP3	3/4" F1960, PEX-A	B	50	500
649WP4	1" F1960, PEX-A	B	25	250
649WP5	1-1/4" F1960, PEX-A	B	10	10
649WP6	1-1/2" F1960, PEX-A	B	10	10
649WP7	2" F1960, PEX-A	B	10	10

F1960 Elbow

642WG2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
642WG2	1/2" × 1/2"	B	25	25
642WG3	3/4" × 3/4"	B	25	25
642WG4	1" × 1"	B	25	25

F1960 Tee

641WG222

641WG332

641WG223

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE - NL/DZR BRASS			
641WG222	1/2" × 1/2" × 1/2"	B	50	50
641WG333	3/4" × 3/4" × 3/4"	B	20	20
641WG444	1" × 1" × 1"	B	20	20
	REDUCING TEE - NL/DZR BRASS			
641WG322	3/4" × 1/2" × 1/2"	B	20	20
641WG323	3/4" × 1/2" × 3/4"	B	20	20
641WG332	3/4" × 3/4" × 1/2"	B	20	20
641WG433	1" × 3/4" × 3/4"	B	20	20
641WG442	1" × 1" × 1/2"	B	20	20
641WG443	1" × 1" × 3/4"	B	20	20
641WG534	1-1/4" × 3/4" × 1", 1/Bag	BI	5	5
641WG543		X	5	5
641WG544		X	5	5
641WG545	1-1/4" × 1" × 1-1/4", 1/Bag	BI	5	5
	BULLHEAD TEE - NL/DZR BRASS			
641WG223	1/2" × 1/2" × 3/4"	B	20	20
641WG334	3/4" × 3/4" × 1"	B	20	20
641WG445	1" × 1" × 1-1/4", 1/Bag	BI	5	5
	TEE - F1960 X FIP			
641WWF3	3/4" F1960 x 3/4" F1960 x 3/4" FIP	BI	10	100
641WWF4	1" F1960 x 1" F1960 x 3/4" FIP	BI	10	100

F1960 Tee (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	TEE - F1960 X FIP			
641WWF3	3/4" F1960 x 3/4" F1960 x 3/4" FIP	BI	10	100
641WWF4	1" F1960 x 1" F1960 x 3/4" FIP	BI	10	100

F1960 Tee

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
641WWF3	3/4" F1960 x 3/4" F1960 x 3/4" FIP	BI	10	100
641WWF4	1" F1960 x 1" F1960 x 3/4" FIP	BI	10	100

F1960 Coupling

645WG2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
645WG2	1/2" × 1/2"	B	100	100
645WG3	3/4" × 3/4"	B	50	50
645WG32	3/4" × 1/2"	B	50	50
645WG4	1" × 1"	B	25	25
645WG43	1"× 3/4"	B	25	25

F1960 Straight Adapter

CPVC, CTS

645WGC5

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS CPVC CUP			
645WGC2	1/2" F1960 × 1/2" CPVC	B	50	50
645WGC3	3/4" F1960 × 3/4" CPVC	B	50	50
645WGC4	1" F1960 × 1" CPVC	B	20	20
	NL/DZR CPVC CUP			
645WGC5	1-1/4" F1960 × 1-1/4" CPVC - Assembly	B	5	5
645WGC6	1-1/2" F1960 × 1-1/2" CPVC - Assembly	B	5	5
645WGC7	2" F1960 × 2" CPVC - Assembly	B	5	5

F1960 Straight Adapter

CPVC - IPS Gray

645WGC93

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR CPVC CUP			
645WGC93	3/4" F1960 × 3/4" Sch 40 CPVC	B	50	50
645WGC94	1" F1960 × 1" Sch 40 CPVC	B	20	20
645WGC95	1-1/4" F1960 × 1-1/4" Sch 40 CPVC	B	10	10

F1960 Straight Adapter

PVC

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR PVC CUP			
645WG3P	3/4" F1960 × 3/4" PVC	B	50	50
645WG4P	1" F1960 × 1" PVC	B	20	20

645WG4P

F1960 Straight Adapter

Male Sweat

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
643WG2	1/2" F1960 × 1/2" MSWT	B	100	100
643WG23	3/4" F1960 × 1/2" MSWT	B	50	50
643WG3	3/4" F1960 × 3/4" MSWT	B	50	50
643WG32	1/2" F1960 × 3/4" MSWT	B	50	50
643WG4	1" F1960 × 1" MSWT	B	25	25
643WG43	3/4" F1960 × 1" MSWT	B	25	25
643WG5	1-1/4" F1960 × 1-1/4" MSWT	B	5	5
643WG6	1-1/2" F1960 × 1-1/2" MSWT	B	5	5
643WG7	2" F1960 × 2" MSWT	B	5	5

643WG2

F1960 Straight Adapter

Female Sweat

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
644WG2	1/2" F1960 × 1/2" FSWT	B	100	100
644WG23	3/4" F1960 × 1/2" FSWT	B	50	50
644WG3	3/4" F1960 × 3/4" FSWT	B	50	50
644WG32	1/2" F1960 × 3/4" FSWT	B	50	50
644WG4	1" F1960 × 1" FSWT	B	25	25
644WG5	1-1/4" F1960 × 1-1/4" FSWT	B	5	5
644WG6	1-1/2" F1960 × 1-1/2" FSWT	B	5	5
644WG7	2" F1960 × 2" FSWT	B	5	5

644WG2

F1960 Straight Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
646WG2	1/2" F1960 × 1/2" MIP	B	100	100
646WG3	3/4" F1960 × 3/4" MIP	B	25	25
646WG32	1/2" F1960 × 3/4" MIP	B	25	25
646WG34	1" F1960 × 3/4" MIP	B	25	25
646WG4	1" F1960 × 1" MIP	B	25	25
646WG43	3/4" F1960 × 1" MIP	B	25	25
646WG5	1-1/4" F1960 × 1-1/4" MIP	B	5	5
646WG6	1-1/2" F1960 × 1-1/2" MIP	B	5	5
646WG7	2" F1960 × 2" MIP	B	5	5

F1960 Straight Adapter

647WG2

FIP

Related Products
Shower Arm Test Plug p 453

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
647WG2	1/2" F1960 × 1/2" FIP	B	50	50
647WG23	3/4" F1960 × 1/2" FIP	B	50	50
647WG3	3/4" F1960 × 3/4" FIP	B	50	50
647WG32	1/2" F1960 × 3/4" FIP	B	25	25
647WG4	1" F1960 × 1" FIP	B	25	25
647WG43	3/4" F1960 × 1" FIP	B	25	25
647WG5	1-1/4" F1960 × 1-1/4" FIP	B	5	5
647WG6	1-1/2" F1960 × 1-1/2" FIP	B	5	5
647WG7	2" F1960 × 2" FIP	B	5	5

F1960 Elbow Adapter

632WG222M

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
632WG222M	1/2" F1960 × 1/2" MIP	B	50	50
632WG222MPK2	1/2" F1960 × 1/2" MIP, 2/Bag	BI	10	10

F1960 Elbow Adapter

Tub/Shower Elbow

Related Products
Shower Arm Test Plug p 453
WiderSlider™ Adjustable Bracket p 512

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS DROP EAR			
647WG2E3	1/2" F1960 × 1/2" FIP	B	50	50

647WG2E3

F1960 Elbow Adapter

Male Sweat

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
632WG332	3/4" F1960 × 3/4" MSWT	B	25	25

632WG332

F1960 Elbow Adapter

Female Sweat

· One-piece no lead brass

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
632WG335	3/4" F1960 × 3/4" FSWT	B	25	25

632WG335

Wal-Let™ - F1960

Wall Termination Fitting

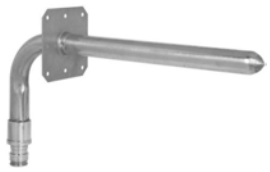
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
615W216	1/2" FIP × 1/2" F1960	B	25	25

615W216

630WG248

F1960 Stub Out Elbow

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630WG2138	1/2" F1960, 13" × 8"	B	50	50
630WG2412	1/2" F1960, 4" × 12"	B	50	50
630WG248	1/2" F1960, 4" × 8"	B	50	50
630WG248PK1	1/2" F1960, 4" × 8", 10/Box	BI	10	10
630WG348	3/4" F1960, 5" × 8"	B	25	25
630WG4612	1" F1960, 6" × 12"	B	25	25



630WG248E

F1960 Stub Out Elbow

Square O Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630WG248E	1/2" F1960, 4" × 8" w/ Strap	B	25	25
630WG248EPK1	1/2" F1960, 4" × 8" w/Strap, 10/Box	BI	10	10
630WG348E	3/4" F1960, 5" × 8" w/ Strap	B	25	25
630WG4612E	1" F1960, 6" × 12" w/ Strap	B	10	10

630WGD288E

F1960 Stub Out Elbow

Double Stub Out

Related Products
3-Valve Kitchen Supply Box p 171

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630WGD288E	1/2" F1960, 8" × 8" × 8" w/ Strap	B	25	25

638WG212E

F1960 Bullet™

- Not to be used as permanent air chambers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
638WG208	1/2" F1960, 8"	B	50	50
638WG215	1/2" F1960, 15"	B	50	50
	SPUN CLOSED WITH STRAP			
638WG212E	1/2" F1960,12" Long, 8" Stub Out	B	50	50

F1960 Tub/Shower Pressure Connector

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632W273X	1/2" F1960 × 1/2" MIP Swivel, 7" × 3"	B	50	50
632WG263	1/2" F1960 × 1/2" MSWT, 6" × 2-1/4"	B	50	50
632WG263Y	1/2" F1960 × 1/2" FIP Swivel, 6" × 3"	B	50	50

632W273X

F1960 Water Heater Connector

FIP Swivel Elbow

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
631WG02	3/4" F1960 × 3/4" FIP Swivel	B	25	25
	VALVED, FULL PORT			
631WG02FP	3/4" F1960 × 3/4" FIP Swivel	B	12	12

631WG02

631WG02FP

F1960 Water Heater Connector

FIP Swivel Straight

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
633WG18	3/4" F1960 × 3/4" FIP Swivel, 18"	B	25	25
633WG18PK1	3/4" PEX F1960 × 3/4" FIP Swivel, 18", 10/Box	BI	10	10
	VALVED, FULL PORT			
633WG18FP	3/4" F1960 × 3/4" FIP Swivel, 18"	B	10	10
633WG18FPT	3/4" F1960 × 3/4" FIP Swivel, w/ 3/4" FIP Branch, 18"	B	10	10
633WG306FP	3/4" PEX F1960 × 3/4" FIP Swivel, 6"	B	10	10
	THERMAL EXPANSION VALVE, FULL PORT			
633WG18FRV	3/4" F1960 × 3/4" FIP Swivel, w/ Pressure Relief 3/8" Comp., 18"	B	10	10
633WG18HRV	3/4" F1960 × 3/4" FIP Swivel, w/ Pressure Relief 3/8" Hose Barb, 18"	B	10	10
633WG18WRV	3/4" F1960 × 3/4" FIP Swivel, w/ Pressure Relief 1/2" F1960, 18"	B	10	10
	ADJUSTABLE REPLACEMENT RELIEF PORT			
648-ARW	1/8" MIP × 1/2" F1960, 80-125 PSI	BI	6	6

633WG18

634WG418

634WG418FP

F1960 Water Heater Connector

Flexible Copper FIP Swivel

- Do not twist or kink flexible connector
- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
634WG418	3/4" F1960 × 3/4" FIP Swivel, 18"	B	25	25
	VALVED, FULL PORT			
634WG418FP	3/4" F1960 × 3/4" FIP Swivel, 18"	B	25	25

648WG2FPPK1

648WG5FP

648-3SW

648WG3WRV

F1960 Brass Ball Valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
648WG2FPPK1	1/2" F1960	BI	10	100
648WG3FPPK1	3/4" F1960	BI	10	100
648WG4FPPK1	1" F1960	BI	12	60
	FULL PORT			
648WG5FP	1-1/4" F1960	B	5	5
648WG6FP	1-1/2" F1960	B	1	1
648WG7FP	2" F1960	B	1	1
	FULL PORT WITH DRAIN			
648WG2FPD	1/2" F1960	B	10	10
648WG3FPD	3/4" F1960	B	6	6
	FULL PORT FIPS X F1960			
648-3SW	3/4" FIPS x 3/4" F1960	BI	5	5
	THERMAL EXPANSION VALVE - 125 PSI			
648-WG3CR	3/4" F1960 × 3/4" FSWT, 3/8" Comp. Port	BI	6	6
648-WG3WR	3/4" F1960 × 3/4" FSWT, 1/2" F1960 Port	BI	6	6
648WG3WRV	3/4" F1960 × 3/4" F1960, 1/2" F1960 Port	BI	6	6
648-WMG3WR	3/4" F1960 × 3/4" MIP, 1/2" F1960 Port	BI	6	6
	THERMAL EXPANSION VALVE - ADJUSTABLE, FULL PORT			
648-3SMARX	3/4" FIP Swivel × 3/4" MIP, 1/2" F1807 Port (80-125 PSI)	BI	6	6
	ADJUSTABLE REPLACEMENT RELIEF PORT			
648-ARW	1/8" MIP × 1/2" F1960, 80-125 PSI	BI	6	6

F1960 Brass Ball Valve

Female Sweat

648WG-3

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FULL PORT			
648WG-2	1/2" F1960 × 1/2" FSWT	BI	6	108
648WG-3	3/4" F1960 × 3/4" FSWT	BI	6	72
648WG-4	1" F1960 × 1" FSWT	BI	6	36

F1960 Sillcock

117W2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
117W2	1/2" F1960	BI	10	100

F1960 Frost-Proof Anti-Siphon Sillcock

118W208

Related Products
Frost-Proof Sillcock Replacement Parts p 114

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MULTI-TURN - LEADED			
118W204	1/2" F1960 × 3/4" MHT, 4"	BI	1	40
118W206	1/2" F1960 × 3/4" MHT, 6"	BI	1	40
118W208	1/2" F1960 × 3/4" MHT, 8"	BI	1	40
118W210	1/2" F1960 × 3/4" MHT, 10"	BI	1	40
118W212	1/2" F1960 × 3/4" MHT, 12"	BI	1	40

689WG2201

F1960 Stub Out Kit

1/2" Water Closet Stub Out With Bracket

· For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	16" STUD BAYS			
689WG2201	(1) 525-1612, (1) 630WG248	BI	12	12
	24" STUD BAYS			
689WG2211	(1) 525-2412, (1) 630WG248	BI	12	12

689WG3202

F1960 Stub Out Kit

1/2" Lav/Sink Stub Outs With Bracket

· For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	16" STUD BAYS			
689WG3202	(1) 525-1622, (2) 630WG248	BI	12	12
	24" STUD BAYS			
689WG3212	(1) 525-2422, (2) 630WG248	BI	12	12

689WG211

F1960 Stub Out Kit

StopOut™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
689WG11	1/2" 1960 x (1) 3/8" Comp.	BI	1	10
689WG201	1/2" F1960 x (1) 1/4" Comp. (1) 3/8" Comp.	B	10	10
689WG211	1/2" F1960 x (2) 3/8" Comp.	B	10	10

689WG2291

F1960 Stub Out Kit

1/2" Shower Riser Elbow With Bracket

· For individual product details, see product pages

Related Products
Shower WallNut™ p 616

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
689WG2291	(1) 525-16WLB, (1) 630WG248	BI	12	12

F1960 Stub Out Kit

3/4" Water Heater Stub Outs With Bracket

- For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
689WG5103	(1) 525-1623, (2) 630WG348	BI	12	12

689WG5103

F1960 Water Heater Connector Kit

- For individual product details, see product pages
- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
694WG71022091	(1)631WG02FP, (1)633-G3TM15, (1)633WG18	BI	10	10

694WG71022091

1/2" F1960 Branch, Manifold

3/4" F1960 × Spun Closed Trunk

- Branches are 1-1/2" on-center
- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

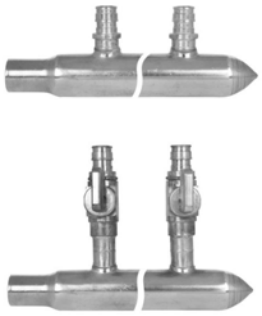
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WG0490	1/2" F1960, 4 Port	BI	10	10
672WG0690	1/2" F1960, 6 Port	BI	10	10
672WG0890	1/2" F1960, 8 Port	BI	10	10

1/2" F1960 Branch, Manifold

3/4" F1960 x 3/4" F1960 Trunk

- Branches are 1-1/2" on-center
- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WG0499	1/2" F1960, 4 Port	BI	10	10
672WG0699	1/2" F1960, 6 Port	BI	10	10
672WG0899	1/2" F1960, 8 Port	BI	10	10



1/2" F1960 Branch, Manifold

3/4" MSWT x Spun Closed Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty
- Non-valved branches are 1-1/2" on-center. Valved branches are 2" on-center

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
672WG0430	1/2 F1960, 4 Port	BI	1	10
672WG0630	1/2 F1960, 6 Port	BI	1	10
672WG0830	1/2 F1960, 8 Port	BI	1	10
	BALL VALVE BRANCHES			
672WV0230	1/2" F1960, 2 Port	BI	1	10
672WV0330	1/2" F1960, 3 Port	BI	1	10
672WV0430	1/2" F1960, 4 Port	BI	1	10
672WV0630	1/2" F1960, 6 Port	BI	1	10
672WV0830	1/2" F1960, 8 Port	BI	1	10
672WV1030	1/2" F1960, 10 Port	BI	1	10
672WV1230	1/2" F1960, 12 Port	BI	1	4

1/2" F1960 Branch, Manifold

1" MSWT x Spun Closed Trunk

- Branches are 1-1/2" on-center
- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WG0240	1/2" F1960, 2 Port	BI	1	10
672WG0340	1/2" F1960, 3 Port	BI	1	10
672WG0440	1/2" F1960, 4 Port	BI	1	10
672WG0640	1/2" F1960, 6 Port	BI	1	10
672WG0840	1/2" F1960, 8 Port	BI	1	10
672WG1040	1/2" F1960, 10 Port	BI	1	10
672WG1240	1/2" F1960, 12 Port	BI	1	4

1/2" F1960 Branch, Manifold

1" CPVC x Spun Closed Trunk

- Branches are 1-1/2" on-center
- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WG03C0	1/2" F1960, 3 Port	BI	10	10
672WG04C0	1/2" F1960, 4 Port	BI	10	10
672WG06C0	1/2" F1960, 6 Port	BI	10	10
672WG08C0	1/2" F1960, 8 Port	BI	10	10

1/2" F1960 Branch, Manifold

1" MSWT × 1" MSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BALL VALVE BRANCHES			
672WV0444	1/2" F1960, 4 Port	BI	1	10
672WV0644	1/2" F1960, 6 Port	BI	1	10
672WV0844	1/2" F1960, 8 Port	BI	1	10
672WV1044	1/2" F1960 10 Port	BI	1	10

672WGT0390

1/2" F1960 Branch, Multi-Port Tee

3/4" F1960 PEX x Closed Trunk

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
672WGT0390	1/2" F1960, 3 Port, 1/Bag	BI	10	100
672WGT0490	1/2" F1960, 4 Port, 1/Bag	BI	10	100

672WGT0499

1/2" F1960 Branch, Multi-Port Tee

3/4" F1960 PEX x 3/4" F1960 PEX Trunk

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
672WGT0399	1/2" F1960, 3 Port, 1/Bag	BI	10	100
672WGT0499	1/2" F1960, 4 Port, 1/Bag	BI	10	100

F1960 Expansion Ring

- For use with PEX SDR9 tube only

Related Products
F1960 Expansion Tools p 69

649W2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
649WP2	1/2" F1960, PEX-A	B	50	1000
649WP3	3/4" F1960, PEX-A	B	50	500
649WP4	1" F1960, PEX-A	B	25	250
649WP5	1-1/4" F1960, PEX-A	B	10	10
649WP6	1-1/2" F1960, PEX-A	B	10	10
649WP7	2" F1960, PEX-A	B	10	10

F1960 Poly Elbow

642WP3

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
642WP2	1/2" × 1/2"	B	25	625
642WP3	3/4" × 3/4"	B	25	375
642WP32	1/2" × 3/4"	B	25	375
642WP4	1" × 1"	B	10	160
642WP5	1-1/4" X 1-1/4"	BI	1	5
642WP6	1-1/2" X 1-1/2"	BI	1	5
642WP7	2" X 2"	BI	1	5

F1960 Poly Tee

641WP222

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE			
641WP222	1/2" × 1/2" × 1/2"	B	25	500
641WP333	3/4" × 3/4" × 3/4"	B	25	200
641WP444	1" × 1" × 1"	B	10	100
641WP555	1-1/4" × 1-1/4" × 1-1/4"	BI	1	5
641WP666	1-1/2" × 1-1/2" × 1-1/2"	BI	1	5
641WP777	2" × 2" × 2"	BI	1	5
	REDUCING TEE			
641WP322	3/4" × 1/2" × 1/2"	B	25	300
641WP323	3/4" × 1/2" × 3/4"	B	25	250
641WP332	3/4" × 3/4" × 1/2"	B	25	250
641WP433	1" × 3/4" × 3/4"	B	10	140
641WP434	1" × 3/4" × 1"	B	10	120
641WP442	1" × 1" × 1/2"	B	10	150
641WP443	1" × 1" × 3/4"	B	10	120
641WP535	1-1/4" × 3/4" × 1-1/4"	BI	1	5
641WP543	1-1/4" × 1" × 3/4"	BI	1	5
641WP544	1-1/4" × 1" × 1"	BI	1	5
641WP545	1-1/4" × 1" × 1-1/4"	BI	1	5
641WP552	1-1/4" × 1-1/4" × 1/2"	BI	1	5
641WP553	1-1/4" × 1-1/4" × 3/4"	BI	1	5

641WP332

641WP223

F1960 Poly Tee (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	REDUCING TEE			
641WP554	1-1/4" × 1-1/4" × 1"	BI	1	5
641WP636	1-1/2" × 3/4" × 1-1/2"	BI	1	5
641WP643	1-1/2" × 1" × 3/4"	BI	1	5
641WP644	1-1/2" × 1" × 1"	BI	1	5
641WP646	1-1/2" × 1" × 1-1/2"	BI	1	5
641WP653	1-1/2" × 1-1/4" × 3/4"	BI	1	5
641WP654	1-1/2" × 1-1/4" × 1"	BI	1	5
641WP655	1-1/2" × 1-1/4" × 1-1/4"	BI	1	5
641WP656	1-1/2" × 1-1/4" × 1-1/2"	BI	1	5
641WP662	1-1/2" × 1-1/2" × 1/2"	BI	1	5
641WP663	1-1/2" × 1-1/2" × 3/4"	BI	1	5
641WP664	1-1/2" × 1-1/2" × 1"	BI	1	5
641WP665	1-1/2" × 1-1/2" × 1-1/4"	BI	1	5
641WP747	2" × 1" × 2"	BI	1	5
641WP757	2" × 1-1/4" × 2"	BI	1	5
641WP763	2" × 1-1/2" × 3/4"	BI	1	5
641WP764	2" × 1-1/2" × 1"	BI	1	5
641WP765	2" × 1-1/2" × 1-1/4"	BI	1	5
641WP766	2" × 1-1/2" × 1-1/2"	BI	1	5
641WP767	2" × 1-1/2" × 2"	BI	1	5
641WP772	2" × 2" × 1/2"	BI	1	5
641WP773	2" × 2" × 3/4"	BI	1	5
641WP774	2" × 2" × 1"	BI	1	5
641WP775	2" × 2" × 1-1/4"	BI	1	5
641WP776	2" × 2" × 1-1/2"	BI	1	5
	BULLHEAD TEE			
641WP223	1/2" × 1/2" × 3/4"	B	25	300
641WP334	3/4" × 3/4" × 1"	B	10	140

645WP2

645WP32

F1960 Poly Coupling

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
645WP2	1/2" × 1/2"	B	25	1000
645WP3	3/4" × 3/4"	B	25	500
645WP32	3/4" × 1/2"	B	25	500
645WP4	1" × 1"	B	10	200
645WP42	1" × 1/2"	B	25	250
645WP43	1" × 3/4"	B	25	250
645WP5	1-1/4" X 1-1/4"	BI	1	5
645WP53	1-1/4" X 3/4"	BI	1	5
645WP54	1-1/4" × 1"	BI	1	5
645WP6	1-1/2" X 1-1/2"	BI	1	5
645WP63	1-1/2" × 3/4"	BI	1	5
645WP64	1-1/2" × 1"	BI	1	5
645WP65	1-1/2" X 1-1/4"	BI	1	5
645WP7	2" X 2"	BI	1	5
645WP76	2" X 1-1/2"	BI	1	5

Packaging: B = Bulk/Std Box C = Cutcase Box I = Individually Barcoded

F1960 Poly Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
640WP02	1/2" F1960	B	25	1000
640WP03	3/4" F1960	B	25	750
640WP04	1" F1960	B	10	360
640WP5	1-1/4" F1960	BI	1	5
640WP6	1-1/2" F1960	BI	1	5
640WP7	2" F1960	BI	1	5

640WP02

F1960 Poly Straight Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
646WP2	1/2" F1960 × 1/2" MIP	B	25	800
646WP3	3/4" F1960 × 3/4" MIP	B	25	500
646WP32	1/2" F1960 x 3/4" MIP	B	10	400
646WP3PK2	3/4" F1960 × 3/4" MIP, 2/Bag	BI	10	10
646WP4	1" F1960 × 1" MIP	B	10	200

646WP3

F1960 Poly Elbow Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632WP222M	1/2" F1960 × 1/2" MIP	B	25	375

632WP222M

F1960 Poly Faucet Adapter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/2" FIP SWIVEL - STRAIRGHT			
637WP20	1/2" F1960	B	25	500
	1/2" FIP SWIVEL - ELBOW			
637WP25	1/2" F1960	B	25	375

637WP20

637WP25

672WP0390

1/2" F1960 Branch, Poly Manifold

3/4" F1960 x Closed Trunk

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WP0390	1/2" F1960, 3 Port	BI	10	140
672WP0490	1/2" F1960, 4 Port	BI	10	100
672WP0690	1/2" F1960, 6 Port	BI	10	60

672WP0699

1/2" F1960 Branch, Poly Manifold

3/4" F1960 x 3/4" F1960 Trunk

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WP0299	1/2" F1960, 2 Port	BI	10	140
672WP0399	1/2" F1960, 3 Port	BI	10	140
672WP0499	1/2" F1960, 4 Port	BI	10	100
672WP0699	1/2" F1960, 6 Port	BI	10	60

672WP0670

1/2" F1960 Branch, Poly Manifold

1" F1960 x Closed Trunk

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WP0470	1/2" F1960, 4 Port	BI	10	100
672WP0670	1/2" F1960, 6 Port	BI	10	60

672WP0677

1/2" F1960 Branch, Poly Manifold

1" F1960 x 1" F1960 Trunk

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WP0477	1/2" F1960, 4 Port	BI	10	100
672WP0677	1/2" F1960, 6 Port	BI	10	60

672WPT0699

1/2" F1960 Branch, Poly Multi-Port Tee

3/4" F1960 x 3/4"' F1960 Trunk

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672WPT0399	1/2" F1960, 3 Port	BI	10	10
672WPT0499	1/2" F1960, 4 Port	BI	10	10
672WPT0699	1/2" F1960, 6 Port	BI	10	10

F1960 Tools

· To insure a proper joint, Sioux Chief suggests the use of a power rotating tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EXPANSION TOOL			
305-W23KIT	F1960 Standard Tool Kit w/ 1/2" & 3/4" Heads	BI	1	5
305-WT	F1960 Pipe Expander Tool Only	BI	1	10
	EXPANDER HEADS			
305-W2H	1/2"	BI	1	20
305-W3H	3/4"	BI	1	20
305-W4H	1"	BI	1	20

305-W23KIT

305-W2H

Notes:

PowerPEX® Systems for ASTM F3347

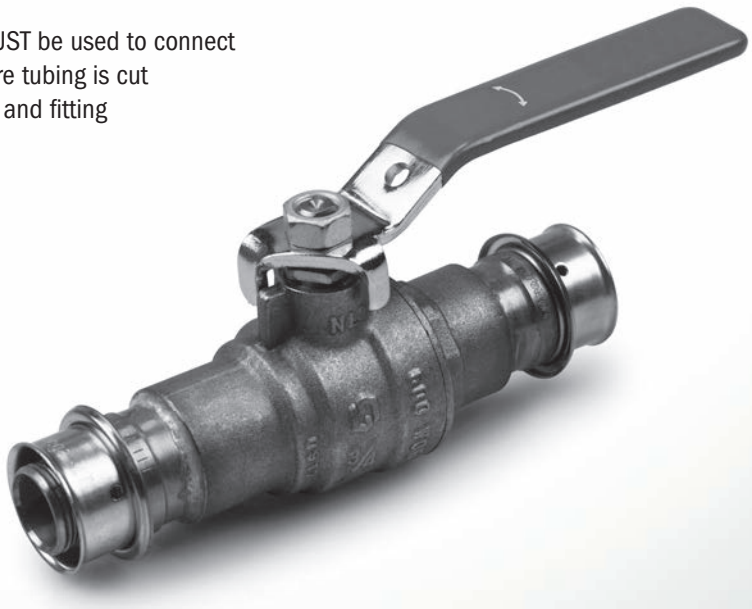
ASTM F3347 - Preformed Copper

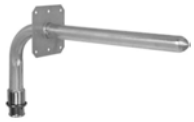
ASTM F3347 - Valves

ASTM F3347 - Kits

All Sioux Chief PowerPEX® ASTM F3347 PEX fittings are manufactured to the ASTM F3347 standard.

Note: A properly calibrated, press sleeve tool MUST be used to connect PEX tubing to an ASTM F3347 PEX fitting. Be sure tubing is cut squarely, tube is inserted into sleeve completely and fitting is inserted fully into tube.



645VGC4 **Page 73**	**630VG248** **Page 73**	 **630VG248E** **Page 73**	**638VG208E4** **Page 73**	**632VG273** **Page 73**
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Male Sweat Fittings

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

F3347 Straight Adapter

CPVC, CTS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR CPVC CUP			
645VGC2	1/2" F3347 PEX Press × 1/2" CPVC	B	50	50
645VGC3	3/4" F3347 PEX Press × 3/4" CPVC	B	50	50
645VGC4	1" F3347 PEX Press × 1" CPVC	B	20	20

645VGC4

F3347 Stub Out Elbow

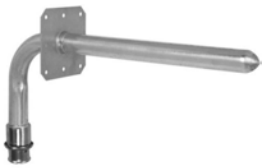
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630VG248	1/2" F3347 PEX Press, 3-1/2" × 8"	B	25	25

630VG248

F3347 Stub Out Elbow

Square O Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630VG248E	1/2" F3347 PEX Press, 3-1/2" × 8", w/ Strap	B	25	25



630VG248E

F3347 Bullet™

Spun Closed w/ Square O Strap

· Not to be used as permanent air chambers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
638VG208E4	1/2" F3347 PEX Press, 8" Long, 4" Stub Out	B	25	25
638VG218E4	1/2" F3347 PEX Press, 18" Long, 14" Stub Out	B	25	25

638VG208E4

F3347 Tub/Shower Pressure Connector

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632VG273	1/2" F3347 PEX Press × 1/2" MSWT, 7" × 3"	B	50	50

632VG273

633VG18

633VG18FP

F3347 Water Heater Connector

FIP Swivel Straight

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
633VG18	3/4" F3347 PEX Press × 3/4" FIP Swivel, 18"	B	10	10
	VALVED, FULL PORT			
633VG18FP	3/4" F3347 PEX Press × 3/4" FIP Swivel, Full Port	B	10	10

F3347 Brass Ball Valve

648VG3FP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FULL PORT			
648VG2FP	1/2" F3347 PEX Press	B	10	10
648VG3FP	3/4" F3347 PEX Press	B	10	10
648VG4FP	1" F3347 PEX Press	B	10	10

F3347 Stub Out Kit

1/2" Lav/Sink Stub Outs With Bracket

689VG3212

· For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	24" STUD BAY			
689VG3212	(1) 525-2422, (2) 630VG248	BI	12	12

Notes:

Specialized Supply

for CPVC Systems

for PVC Systems

for Sweat/Copper

PDQ™ Push Fit Systems

Pipe Insulation

Specialized Supply

CPVC Systems

Sioux Chief CPVC fittings conform to *ASTM D2846 Standard Specification for Chlorinated Polyvinyl Chloride (CPVC) Plastic Hot and Cold Water Distribution Systems* and are designed for use with CTS (copper tube size) CPVC pipe and fittings conforming to ASTM D2846.

Sioux Chief also offers CPVC fittings for the ASTM F438 system that are designed for use with IPS (iron pipe size) CPVC pipe and fittings which conform to ASTM F438
A select group of our transition fittings have been tested and certified by CSA to the ASTM D2846 Standard and CSA Standard B137.6 and/or IAPMO listed.

PVC Systems

Sioux Chief PVC fittings conform to the *ASTM F1970 Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Polyvinyl Chloride (PVC) or Chlorinated Polyvinyl Chloride (CPVC) Systems* and are designed for use with Sch. 40 PVC pipe conforming to ASTM D1785.

Sweat/Copper Systems

Sioux Chief Rough-in Ready™ preformed copper fittings for sweat are made in the USA from 100% pure copper tube that conforms to the following specifications:
Tube: ASTM B88 and Fitting Ends: ANSI B16.22

PDQ™ Push Fit System

Sioux Chief PDQ™ push-fittings are made to the *ASSE 1061 Performance Requirements for Push-Fit Fittings*.
PDQ™ fittings are removable, can be rotated after installation, and are approved for underground and sealed wall applications.
All PDQ™ fittings are tested to ASSE 1061/NSF 61 standards and are IAPMO listed to cUPC.

Pipe Insulation

Sioux Chief's closed-cell foam insulation is made in the USA and provides the ideal combination of flexibility and rigidity for easier installation.

CTS CPVC Systems

CPVC - Fittings, Adapters & Connectors

CPVC - Preformed Copper & Valves

CPVC - Kits

Sioux Chief offers the most complete line of CPVC transition fittings in the industry. Our fittings are compatible with FlowGuard Gold® pipe/fittings and are FGG/BM/CZ™ System compatible.

All fittings are 100% production tested to ensure maximum quality and a leak-free connection.

Important Notes About Sioux Chief CPVC Fittings:

Do not cut, or modify any Sioux Chief CPVC transition fitting (except 630-C series fittings).
Do not expose CPVC transition area of fitting to heat in excess of 180°F.
Never install a damaged fitting.

See complete installation instructions at www.siouxchief.com

FBC™ SYSTEM COMPATIBLE

FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

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Male Sweat Fittings

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

CPVC Straight Adapter

F1807

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - COPPER			
645XC2	1/2" F1807 × 1/2" CPVC	B	50	50
645XC23	1/2" F1807 × 3/4" CPVC	B	50	50
645XC2PK2	1/2" F1807 × 1/2" CPVC, 1/Bag	CI	10	10
645XC3	3/4" F1807 × 3/4" CPVC	B	50	50
645XC34	3/4" F1807 × 1" CPVC	B	20	20
645XC3PK2	3/4" F1807 × 3/4" CPVC, 1/Bag	CI	10	10
645XC4	1" F1807 × 1" CPVC	B	20	20
645XC43	1" F1807 × 3/4" CPVC	B	20	20
	CPVC SOCKET - NL/DZR BRASS			
645XGC2	1/2" F1807 × 1/2" CPVC	B	50	50
645XGC3	3/4" F1807 × 3/4" CPVC	B	50	50
645XGC4	1" F1807 × 1" CPVC	X	20	20
	CPVC MALE - COPPER			
645XCM2	1/2" F1807 × 1/2" Male CPVC	B	50	50

645XC3

645XGC3

645XCM2

CPVC Straight Adapter

F1960

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - NL/DZR BRASS			
645WGC2	1/2" F1960 × 1/2" CPVC	B	50	50
645WGC3	3/4" F1960 × 3/4" CPVC	B	50	50
645WGC4	1" F1960 × 1" CPVC	B	20	20
	CPVC SOCKET - COPPER & NL/DZR BRASS			
645WGC5	1-1/4" F1960 × 1-1/4" CPVC - Assembly	B	5	5
645WGC6	1-1/2" F1960 × 1-1/2" CPVC - Assembly	B	5	5
645WGC7	2" F1960 × 2" CPVC - Assembly	B	5	5

645WGC5

CPVC Straight Adapter

F3347

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - COPPER & NL/DZR BRASS			
645VGC2	1/2" F3347 PEX Press × 1/2" CPVC	B	50	50
645VGC3	3/4" F3347 PEX Press × 3/4" CPVC	B	50	50
645VGC4	1" F3347 PEX Press × 1" CPVC	B	20	20

645VGC3

643-C418

CPVC Straight Adapter

Male Sweat

- Do not allow CPVC portion of fitting to be heated.
- DO NOT cut this fitting. Cutting this fitting voids warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - COPPER			
643-C211	1/2" CPVC × 1/2" MSWT, 11"	B	100	100
643-C311	3/4" CPVC × 3/4" MSWT, 11"	B	50	50
643-C418	1" CPVC × 1" MSWT, 18"	B	25	25
643-C518	1-1/4" CPVC × 1-1/4" MSWT, 18"	B	10	10
643-C620	1-1/2" CPVC × 1-1/2" MSWT, 20"	B	1	10
643-C722	2" CPVC × 2" MSWT, 22"	B	1	10

646-CG2

646-CG5

CPVC Straight Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - NL/DZR BRASS OVERMOLD			
646-CG2	1/2" CPVC × 1/2" MIP	B	50	50
646-CG2PK1	1/2" CPVC × 1/2" MIP	BI	25	25
646-CG3	3/4" CPVC × 3/4" MIP	B	50	50
646-CG4	1" CPVC × 1" MIP	B	20	20
	CPVC SOCKET - NL/DZR BRASS			
646-CG5	1-1/4" CPVC × 1-1/4" MIP	B	10	10
646-CG6	1-1/2" CPVC × 1-1/2" MIP	B	10	10
646-CG7	2" CPVC × 2" MIP	B	10	10

647-CG2

647-CG6

CPVC Straight Adapter

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - NL/DZR BRASS OVERMOLD			
647-CG2	1/2" CPVC × 1/2" FIP	B	50	50
647-CG2PK1	1/2" CPVC × 1/2" FIP	CI	25	25
647-CG3	3/4" CPVC × 3/4" FIP	B	50	50
647-CG4	1" CPVC × 1" FIP	B	20	20
	CPVC SOCKET - NL/DZR BRASS			
647-CG5	1-1/4" CPVC × 1-1/4" FIP	B	10	10
647-CG6	1-1/2" CPVC × 1-1/2" FIP	B	10	10
647-CG7	2" CPVC × 2" FIP	B	10	10

CPVC Straight Adapter

FIP Short-N-Swivel™

- Do NOT use thread sealant on FIP swivel threads

637-C20

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - COPPER			
633-C02	3/4" CPVC × 3/4" FIP Swivel	B	50	50
633-C02PK	3/4" CPVC × 3/4" FIP Swivel	CI	10	10
633-C4403	1" CPVC × 1" FIP Swivel	B	20	20
637-C20	1/2" CPVC × 1/2" FIP Swivel	B	25	25
637-C20PK2	1/2" CPVC × 1/2" FIP Swivel	CI	10	10

CPVC Straight Adapter

Press-Fitting

- Applying heat or cutting this fitting voids warranty.
- Mechanical connection only

685-C3

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC SOCKET - COPPER			
685-C2	1/2" CPVC × 1/2" Press-Fitting	B	20	20
685-C3	3/4" CPVC × 3/4" Press-Fitting	B	20	20
685-C4	1" CPVC × 1" Press-Fitting	B	20	20
685-C5	1-1/4" CPVC × 1-1/4" Press-Fitting	B	10	10
685-C6	1-1/2" CPVC × 1-1/2" Press-Fitting	B	5	5
685-C7	2" CPVC × 2" Press-Fitting	B	5	5

CPVC Elbow Adapter

Tub/Shower Elbow

Related Products

WiderSlider™ Adjustable Bracket p 512

Shower Arm Test Plug p 453

616-CG2E3

647-CG2E3

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DROP EAR - CPVC - NL/DZR			
616-CG2E3	1/2" CPVC × 1/2" FIP	B	50	50
	DROP EAR - NL/DZR BRASS			
647-C4E	1" CPVC × 1" FIP	B	10	10
647-CG2E3	1/2" CPVC × 1/2" FIP	B	50	50
647-CG2E3PK1	1/2" CPVC × 1/2" FIP, 1/Bag	CI	10	10
	EARED ELBOW - LEADED			
647-C3E	3/4" CPVC × 3/4" FIP	B	25	25

615-C215

Wal-Let™ - CPVC

Wall Termination Fitting

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
615-C2113	1/2" FIP × 1/2" CPVC, 11" Straight	B	25	25
615-C215	1/2" FIP × 1/2" CPVC, 1-5/8" Straight	B	10	10

CPVC Stub Out Elbow

Standard

- Do not allow CPVC portion of fitting to be heated.

630-C248

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630-C2412	1/2" CPVC, 4" × 12"	B	50	50
630-C248	1/2" CPVC, 4" × 8"	B	50	50
630-C248PK	1/2" CPVC, 4" × 8"	CI	10	10
630-C287	1/2" CPVC, 8" × 7"	B	50	50
630-C348	3/4" CPVC, 6" × 8"	B	50	50
630-C3612	3/4" CPVC, 6" × 12"	B	25	25
630-C41016	1" CPVC, 10" × 16"	B	25	25
630-C41110	1" CPVC, 11" × 10"	B	25	25

CPVC Stub Out Elbow

Square O Strap

- Do not allow CPVC portion of fitting to be heated.

630-C248E

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630-C248E	1/2" CPVC, 4" × 8", w/Strap	B	25	25
630-C41110E	1" CPVC, 11" × 10", w/ Strap	B	10	10

CPVC Tub/Shower Pressure Connector

- Do not allow CPVC portion of fitting to be heated
- Do NOT use thread sealant on FIP swivel threads

632-C263X

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632-C263	1/2" CPVC × 1/2" MSWT, 6" × 2-1/4"	B	50	50
632-C263PK	1/2" CPVC × 1/2" MSWT,6" × 2-1/4"	CI	10	10
632-C263X	1/2" CPVC × 1/2" MIP Swivel, 6" × 3"	B	50	50
632-C263XPK	1/2" CPVC × 1/2" MIP Swivel, 6" × 3"	CI	10	10
632-C263YPK	1/2" CPVC × 1/2" FIP Swivel, 6" × 3"	CI	10	10
632-C283	1/2" CPVC × 1/2" MSWT, 8" × 3"	B	50	50

631-C307

631-CG307FP

CPVC Water Heater Connector

FIP Swivel Elbow

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
631-C307	3/4" CPVC × 3/4" FIP Swivel, 7" × 3"	B	25	25
	VALVED, FULL PORT			
631-CG307FP	3/4" CPVC × 3/4" FIP Swivel, 7" × 3"	B	10	10

633-C09

633-CG24FP

633-CG18HRV

CPVC Water Heater Connector

FIP Swivel Straight

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
633-C02	3/4" CPVC × 3/4" FIP Swivel	B	50	50
633-C02PK	3/4" CPVC × 3/4" FIP Swivel	CI	10	10
633-C09	3/4" CPVC × 3/4" FIP Swivel, 9"	B	25	25
633-C18	3/4" CPVC × 3/4" FIP Swivel, 18"	B	25	25
633-C24	3/4" CPVC × 3/4" FIP Swivel, 24"	B	25	25
633-C418	3/4" CPVC × 1" FIP Swivel, 18"	B	25	25
	VALVED, FULL PORT			
633-CG18FP	3/4" CPVC × 3/4" FIP Swivel, 18"	B	10	10
633-CG18FPT	3/4" CPVC × 3/4" FIP Swivel, w/ 3/4" FIP Branch	B	10	10
633-CG418FP	3/4" CPVC × 1" FIP Swivel, 18"	B	10	10
	THERMAL EXPANSION VALVE, FULL PORT			
633-CG18HRV	3/4" CPVC × 3/4" FIP Swivel, w/ Pressure Relief 3/8" Hose Barb, 18"	B	10	10

CPVC Water Heater Connector

Flexible Copper FIP Swivel

- Do not twist or kink flexible connector
- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
634-C118	3/4" CPVC × 3/4" FIP Swivel, 18"	B	25	25

CPVC Water Heater Connector (Cont)

Flexible Copper FIP Swivel

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	VALVED, FULL PORT			
634-CG118FP	3/4" CPVC × 3/4" FIP Swivel, 18"	B	25	25

634-CG118FP

CPVC Water Heater Connector

MIP Straight

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
646-CG318	3/4" CPVC × 3/4" MIP, 18"	B	25	25
	VALVED, FULL PORT			
646-CG318FP	3/4" CPVC × 3/4" MIP, 18"	B	10	10

646-CG318FP

CPVC Water Heater Connector

T&P Relief Adapter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
646-C4308	1" CPVC × 3/4" MIP, 8"	B	25	25

646-C4308

CPVC Brass Ball Valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FULL PORT			
648-CG2FP	1/2" CPVC	B	10	10
648-CG3FP	3/4" CPVC	B	10	10
648-CG4FP	1" CPVC	B	10	10
648-CG5FP	1-1/4" CPVC	B	5	5
648-CG6FP	1-1/2" CPVC	B	1	1
648-CG7FP	2" CPVC	B	1	1
	FULL PORT WITH DRAIN			
648-CG2FPD	1/2" CPVC	B	10	10
648-CG3FPD	3/4" CPVC	B	10	10
648-CG4FPD	1" CPVC	B	10	10

648-CG2FP

648-CG2FPD

117-C22

118-C208

119-C208

CPVC Sillcock

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
117C2	1/2" CPVC	BI	10	100
117-C223E	1/2" CPVC × 3/4" MHT	B	25	25

CPVC Frost-Proof Anti-Siphon Sillcock

Related Products
Frost-Proof Sillcock Replacement Parts p 114

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MULTI-TURN - LEADED			
118-C208	1/2" CPVC, 8"	B	5	5
	1/4 TURN - LEADED			
119-C208	1/2" CPVC, 8"	B	5	5
119-C210	1/2" CPVC, 10"	B	5	5

CPVC Stub Out Elbow Kit

1/2" Water Closet Stub Out With Bracket

- Do not allow CPVC portion of fitting to be heated
- For individual product details, see product pages

689C0101

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	16" STUD BAYS			
689C0101	(1) 525-1612, (1) 630-C248	BI	12	12
	24" STUD BAYS			
689C0111	(1) 525-2412, (1) 630-C248	BI	12	12

CPVC Stub Out Elbow Kit

1/2" Lav/Sink Stub Outs With Bracket

- Do not allow CPVC portion of fitting to be heated
- For individual product details, see product pages

689C1102

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	16" STUD BAYS			
689C1102	(1) 525-1622, (2) 630-C248	BI	12	12
	24" STUD BAYS			
689C1112	(1) 522-2422, (2) 630-C248	BI	12	12

CPVC Water Heater Connector Kit

- Do not allow CPVC portion of fitting to be heated
- Do NOT use thread sealant on FIP swivel threads
- For individual product details, see product pages

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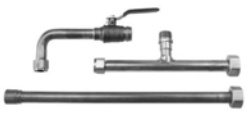

694CG36012094

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
694CG33012091	(1) 631-CG1307FP, (1) 633-C18, (1) 633-G3TM15	BI	10	10
694CG33012093	(1) 631-CG1307FP, (1) 633-C18, (1) 633-G3TM11	BI	10	10
694CG331220	(1) 633-C18, (1) 633-CG18FP	BI	10	10
694CG36012092	(1) 631-CG1307FP, (1) 633-C418, (1) 633-G4TM15	BI	10	10

Notes:

ASTM F438 CPVC Systems

IPS F438 CPVC - Fittings, Adapters & Connectors

Sioux Chief offers iron pipe size (IPS) CPVC transition fittings, which are compatible with FlowGuard Gold® pipe/fittings and are FGG/BM/CZ™ system compatible. The CPVC sockets are GRAY in color, and are made to the ASTM F438 standard.

All fittings are 100% production tested to ensure maximum quality and a leak-free connection.

Important Notes About Sioux Chief CPVC Fittings:
Do not cut, or modify any Sioux Chief CPVC transition fitting (except 630-C series fittings). Do not expose CPVC transition area of fitting to heat in excess of 180°F. Never install a damaged fitting.

See complete installation instructions at www.siouxchief.com

FBC™ SYSTEM COMPATIBLE

FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

CPVC Straight Adapter - IPS Gray

F1807

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER CPVC CUP			
645XC923	1/2" F1807 × 3/4" Sch 40 CPVC	B	25	25
645XC93	3/4" F1807 × 3/4" Sch 40 CPVC	B	50	50
645XC94	1" F1807 × 1" Sch 40 CPVC	B	20	20

645XC93

CPVC Straight Adapter - IPS Gray

F1960

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR CPVC CUP			
645WGC93	3/4" F1960 × 3/4" Sch 40 CPVC	B	50	50
645WGC94	1" F1960 × 1" Sch 40 CPVC	B	20	20
645WGC95	1-1/4" F1960 × 1-1/4" Sch 40 CPVC	B	10	10

645WGC93

CPVC Straight Adapter - IPS Gray

Male Sweat

- Do not allow CPVC portion of fitting to be heated.
- Do not cut this fitting. Cutting this fitting voids warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER CPVC CUP			
643-C9211	1/2" Sch 40 CPVC, 11"	B	25	25
643-C9311	3/4" Sch 40 CPVC, 11"	B	25	25
643-C9418	1" Sch 40 CPVC, 18"	B	25	25

643-C9418

CPVC Straight Adapter - IPS Gray

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS CPVC CUP			
646-CG92	1/2" Sch 40 CPVC × 1/2" MIP	B	50	50
646-CG93	3/4" Sch 40 CPVC × 3/4" MIP	B	50	50
646-CG94	1" Sch 40 CPVC x 1" MIP	B	20	20
646-CG95	1-1/4" Sch 40 CPVC × 1-1/4" MIP	B	10	10
646-CG96	1-1/2" Sch 40 CPVC × 1-1/2" MIP	B	10	10
646-CG97	2" Sch 40 CPVC × 2" MIP	B	10	10

646-CG96

647-CG97

CPVC Straight Adapter - IPS Gray

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS CPVC CUP			
647-CG92	1/2" Sch 40 CPVC × 1/2" FIP	B	50	50
647-CG93	3/4" Sch 40 CPVC × 3/4" FIP	B	50	50
647-CG94	1" Sch 40 CPVC x 1" FIP	B	20	20
647-CG95	1-1/4" Sch 40 CPVC × 1-1/4" FIP	B	10	10
647-CG96	1-1/2" Sch 40 CPVC × 1-1/2" FIP	B	10	10
647-CG97	2" Sch 40 CPVC × 2" FIP	B	10	10

CPVC Straight Adapter - IPS Gray

Press-Fitting Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER CPVC CUP			
685-C95	1-1/4" Sch 40 CPVC x 1-1/4" Press-Fit	B	10	10

630-C93612

CPVC Stub Out Elbow - IPS Gray

· Do not allow CPVC portion of fitting to be heated.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630-C9248	1/2" Sch 40 CPVC, 4" × 8"	B	50	50
630-C93612	3/4" Sch 40 CPVC, 6" × 12"	B	25	25
630-C941012	1" Sch 40 CPVC, 10" × 12"	B	25	25

PVC Systems

PVC - Adapters & Connectors

PVC - Valves

Sioux Chief offers the most complete line of Sch. 40 PVC transition fittings for potable water or irrigation systems in the industry.

Sioux Chief PVC fittings conform to ASTM F1970 standard for use in PVC piping systems and are designed for use with Sch. 40 PVC pipe conforming to ASTM D1785.

Important Notes About Sioux Chief PVC Fittings:

Do not expose PVC transition area of fitting to heat in excess of 140°F.
PVC fittings are intended for use in cold water applications only.
Do not cut, or modify any Sioux Chief PVC transition fitting.
Never install a damaged fitting.

See complete installation instructions at www.siouxchief.com

Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

PVC Straight Adapter

F1807

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER PVC CUP			
645X23P	1/2" F1807 × 3/4" PVC	B	50	50
645X34P	3/4" F1807 × 1" PVC	B	20	20
645X3P	3/4" F1807 × 3/4" PVC	B	50	50
645X43P	1" F1807 × 3/4" PVC	B	20	20
645X4P	1" F1807 × 1" PVC	B	20	20

645X3P

PVC Straight Adapter

F1960

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR PVC CUP			
645WG3P	3/4" F1960 × 3/4" PVC	B	50	50
645WG4P	1" F1960 × 1" PVC	B	20	20

645WG3P

PVC Straight Adapter

Male Sweat

- Do not allow PVC portion of fitting to be heated.
- DO NOT cut this fitting. Cutting this fitting voids warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER PVC CUP			
643-P311	3/4" PVC × 3/4" MSWT, 11"	B	50	50
643-P418	1" PVC × 1" MSWT, 18"	B	25	25
643-P518	1-1/4" PVC × 1-1/4" MSWT, 18"	B	1	10
643-P620	1-1/2" PVC × 1-1/2" MSWT, 20"	B	1	10
643-P722	2" PVC × 2" MSWT, 22"	B	1	10

643-P418

646-PG3

646-PG5

PVC Straight Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR COPPER ASSEMBLY			
646-PG3	3/4" PVC × 3/4" MIP	B	50	50
	NL/DZR BRASS ROLL OVER			
646-PG4	1" PVC × 1" MIP	B	20	20
646-PG5	1-1/4" PVC × 1-1/4" MIP	B	10	10
646-PG6	1-1/2" PVC × 1-1/2" MIP	B	10	10
646-PG7	2" PVC × 2" MIP	B	10	10

647-PG3

647-PG5

PVC Straight Adapter

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR COPPER ASSEMBLY			
647-PG3	3/4" PVC × 3/4" FIP	B	50	50
	NL/DZR BRASS ROLL OVER			
647-PG4	1" PVC × 1" FIP	B	20	20
647-PG5	1-1/4" PVC × 1-1/4" FIP	B	10	10
647-PG6	1-1/2" PVC × 1-1/2" FIP	B	10	10
647-PG7	2" PVC × 2" FIP	B	10	10

685-P3

PVC Straight Adapter

Press-Fitting and Push Fit Compatible

- Applying heat or cutting this fitting voids warranty
- For mechanical connection only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER PVC CUP			
685-P3	3/4" PVC × 3/4" Press-Fit	B	20	20
685-P4	1" PVC × 1" Press-Fit	B	20	20
685-P5	1-1/4" PVC × 1-1/4" Press-Fit	B	10	10
685-P6	1-1/2" PVC × 1-1/2" Press-Fit	B	5	5
685-P7	2" PVC × 2" Press-Fit	B	5	5

PVC Brass Ball Valve

648-PG3FP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FULL PORT			
648-PG3FP	3/4" PVC	B	10	10
648-PG4FP	1" PVC	B	10	10
648-PG5FP	1-1/4" PVC	B	10	10
648-PG6FP	1-1/2" PVC	B	1	1
648-PG7FP	2" PVC	B	1	1

Notes:

Sweat Systems

Sweat - Fittings, Adapters & Connectors

Sweat - Preformed Copper & Valves

Sweat - Manifolds

Sweat - Kits

Spun-closed ends eliminate the need to solder on caps, while stub out elbows use a longer bend radius than standard fittings to decrease turbulent flow, reducing water line noise, potential leak points, water stacking in showers, and can provide better flow to fixtures.

All copper tube used in Sioux Chief preformed copper assemblies is domestically made and is fabricated/assembled in Missouri. The copper tube is made to ASTM B88 and fitting ends are made to ANSI B16.22

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622-L08 Page 106	**616-648** Page 107	**631-G305FP** Page 108	**633-318** Page 108	**634-115** Page 109
633-G3TM15 Page 109	**633-G3TM18FP** Page 110	**634-3F3F12** Page 110	**687-3SMFH** Page 110	**601-G20CV** Page 112
646-GP4312FD Page 112	**117S2** Page 113	**118M208** Page 114	**117-03** Page 115	**120-TM3F** Page 115
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Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

Full Slip Male Adapter

Brass Female Sweat × MIP

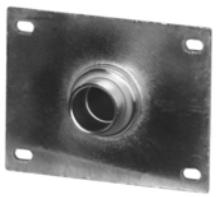
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
614-2	1/2" FSWT × 1/2" MIP Thread	B	50	500
614-3	3/4" FSWT × 3/4" MIP Thread	B	50	500
614-4	1" FSWT × 1" MIP Thread	B	25	250

614-2

Wal-Let™

Wall Termination Fitting

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
615-213	1/2" FIP × 1/2" FSWT	B	10	10
615-233	1/2" FIP × 1/2" FIP	B	10	10
615-313	3/4" FIP × 3/4" FSWT	B	10	10
615-333	3/4" FIP × 3/4" FIP	B	10	10
615-C2113	1/2" FIP × 1/2" CPVC, 11" Straight	B	25	25
615-C215	1/2" FIP × 1/2" CPVC, 1-5/8" Straight	B	10	10
615W216	1/2" FIP × 1/2" F1960	B	25	25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Sweat Elbow Adapter

Tub Shower Elbow

Related Products
Shower Arm Test Plug p 453
WiderSlider™ Adjustable Bracket p 512

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DROP-EAR - LEADED			
616-2E3	1/2" FIP × 1/2" FSWT	B	50	50
616-3E3	3/4" FIP × 3/4" FSWT	B	25	25
	SHOWER-LOCK - LEADED			
616-2	1/2" FSWT × 1/2" FIP	B	50	50
616-2PK2	1/2" FSWT × 1/2" FIP, 1/Bag	CI	10	10

616-2E3

616-2

Sweat Dielectric Union

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
929-01302001	3/4" FIP × 1/2" SWT	BI	5	20
929-01303001	3/4" FIP × 3/4" SWT	BI	5	60

929-01302001

622-L09CF

Termination Fitting

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
622-L09CF	1/2" FIP × 1/2" MSWT, 1/2" CTS, 9"	B	25	25

600-306PK

Sweat Coupling

Full Slip Repair Coupling

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FEMALE SWEAT			
600-206PK	1/2" CTS, 6"	CI	10	10
600-212PK	1/2" CTS, 12"	CI	10	10
600-306PK	3/4" CTS, 6"	CI	10	10
600-312PK	3/4" CTS, 12"	CI	10	10

608-L2138

Sweat Stub Out Elbow

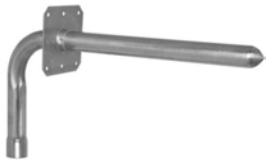
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
608-L2138	1/2" CTS, 13" × 8"	B	50	50
608-L2187	1/2" CTS, 18" × 7"	B	50	50
608-L2277	1/2" CTS, 27" × 7"	B	50	50
608-L246	1/2" CTS, 3-1/2" × 6"	B	50	50
608-L248	1/2" CTS, 3-1/2" × 8"	B	50	50
608-L2612	1/2" CTS, 6"X 12"	B	50	50
608-L2812	1/2" CTS, 8" × 12"	B	50	50
608-L348	3/4" CTS, 4" × 8"	B	50	50
608-L4612	1" CTS , 6" × 12"	B	25	25
	FEMALE SWEAT			
609-L2138	1/2" CTS, 13" × 8"	B	50	50
609-L246	1/2" CTS, 3-1/2" × 6"	B	50	50
609-L248	1/2" CTS, 3-1/2" × 8"	B	50	50
609-L2612	1/2" CTS, 6" × 12"	B	50	50
609-L2812	1/2" CTS, 8" × 12"	B	50	50
609-L348	3/4" CTS, 4" × 8"	B	50	50
609-L4612	1" CTS, 6" × 12"	B	25	25
609-L4812	1" CTS, 8" × 12"	B	25	25

609-L248

Sweat Stub Out Elbow

Square O Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FEMALE SWEAT			
609-L246E	1/2" CTS, 3-1/2" × 6", w/ Strap	B	25	25
609-L248E	1/2" CTS, 3-1/2" × 8", w/ Strap	B	25	25



609-L246E

Sweat Stub Out Elbow

Double Stub Out

Related Products
3-Valve Kitchen Supply Box p 171

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
608-D288E	1/2" CTS, Type L, 7" × 8" × 8" w/ Strap	B	25	25

608-D288E

Sweat Tub Spout Elbow

Offset Tub Spout Elbow

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
613-887L	1/2" CTS, Left, Type L	B	25	25
613-887R	1/2" CTS, Right, Type L	B	25	25

613-887L

Sweat Tub Spout Elbow

- Do NOT use thread sealant on FIP swivel threads

Related Products
SmartSpout™ Tub Spout p 615

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
613-107	1/2" CTS, 10" × 7", Type L	B	50	50
613-137	1/2" CTS, 13" × 7", Type L	B	50	50
613-139	1/2" CTS, 13" × 9", Type L	B	50	50
613-57	1/2" CTS, 5" × 7", Type L	B	50	50
613-57PK	1/2" CTS, 5" × 7", Type L	CI	20	20
613-67	1/2" CTS, 6" × 7", Type L	B	50	50
613-87	1/2" CTS, 8" × 7", Type L	B	50	50
	MALE SWEAT WITH SQUARE O STRAP			
613-87E	1/2" CTS, 8" × 7", Type L	B	25	25

613-139

613-87E

612-57

613-57X

613-57Y

622-L06

622-L24E

Sweat Tub Spout Elbow (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT WITH WALL BLOCK			
612-57	1/2" CTS, 5" × 7", Type L	B	25	25
612-87	1/2" CTS, 8" × 7", Type L	B	25	25
	MIP SWIVEL			
613-57X	1/2" CTS, 5" × 7", Type L	B	50	50
613-67X	1/2" CTS, 6" × 7", Type L	B	50	50
613-87X	1/2" CTS, 8" × 7", Type L	B	50	50
	MIP			
613-57M	1/2" CTS, 5-1/2" × 7", Type L	B	50	50
613-67M	1/2" CTS, 6-1/2" × 7", Type L	B	50	50
613-87M	1/2" CTS, 8-1/2" × 7", Type L	B	50	50
	MIP WITH WALL BLOCK			
612-557	1/2" CTS, 5-1/2" × 7", Type L	B	25	25
	FIP SWIVEL			
613-57Y	1/2" CTS, 5" × 7", Type L	B	50	50
613-67Y	1/2" CTS, 6" × 7", Type L	B	50	50
613-87Y	1/2" CTS, 8" × 7", Type L	B	50	50
	FIP			
613-67F	1/2" CTS, 6" × 7", Type L	B	50	50

Sweat Bullet™

Male Sweat

- Not to be used as permanent air chambers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SPUN CLOSED			
622-L03	1/2" CTS, 3", Type L	B	100	100
622-L06	1/2" CTS, 6", Type L	B	100	100
622-L06PK	1/2" CTS, 6", Type L	CI	20	20
622-L08	1/2" CTS, 8", Type L	B	100	100
622-L08PK	1/2" CTS, 8", Type L	CI	10	10
622-L10	1/2" CTS, 10", Type L	B	100	100
622-L12	1/2" CTS, 12", Type L	B	100	100
622-L12PK	1/2" CTS, 12", Type L	BI	10	10
622-L15	1/2" CTS, 15", Type L	B	100	100
623-L06	3/4"CTS, 6", Type L	B	50	50
623-L08	3/4" CTS, 8", Type L	B	50	50
623-L12	3/4" CTS, 12", Type L	B	50	50
623-L18	3/4" CTS, 18", Type L	B	50	50
624-L08	1" CTS, 8", Type L	B	30	30
624-L12	1" CTS, 12" Type L	B	30	30
624-L15	1" CTS, 15", Type L	B	30	30
624-L18	1" CTS, 18", Type L	B	30	30
	SPUN CLOSED WITH STRAP			
622-L24E	1/2" CTS, 24" Long, 12" Stub Out, Type L	B	20	20

Sweat Bullet™

MIP

- Not to be used as permanent air chambers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
614-8L	1/2" CTS, 8-1/2", Type L	B	50	50

614-8L

Sweat Tub/Shower Pressure Connector

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
608-L263A	1/2" MSWT × 1/2" MSWT, 6" X 2-1/4"	B	50	50

608-L263A

Riser Stub Out

- Do NOT use thread sealant on FIP swivel threads

Related Products
Shower WallNut™ p 616

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
608-L2308	1/2" MSWT × Spun, 30" × 8"	B	25	25
608-L2508	1/2" MSWT × Spun, 50" × 8"	B	25	25
616-630	1/2" MSWT × 1/2" FIP Drop-Ear, 30"	B	50	50
616-648	1/2" MSWT × 1/2" FIP Drop-Ear, 48"	B	12	12
616-650	1/2" MSWT × 1/2" FIP Drop-Ear, 50"	B	25	25
	MALE SWEAT WITH SQAURE O STRAP			
608-L2508E	1/2" MSWT × Spun, 50" × 8", w/ Strap	B	25	25
	MIP SWIVEL			
616-630X	1/2" MIP Swivel × 1/2" FIP Drop-Ear, 30"	B	50	50
616-650X	1/2" MIP Swivel × 1/2" FIP Drop-Ear, 50"	B	25	25
	FIP SWIVEL			
616-630Y	1/2" FIP Swivel × 1/2" FIP Drop-Ear, 30"	B	50	50
616-650Y	1/2" FIP Swivel × 1/2" FIP Drop-Ear, 50"	B	25	25

608-L2308

Riser Stub Out

Offset

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
616-15	1/2" MSWT × 1/2" FSWT, 1-1/2" Offset	B	25	25

616-15

631-33F

631-G305FP

Water Heater Connector

Female Sweat × FIP Elbow

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
631-33F	3/4" FIP Swivel × 3/4" FSWT, 3" × 3"	B	25	25
	VALVED, FULL PORT			
631-G305FP	3/4" FIP Swivel × 3/4" FSWT, 3" × 5"	B	25	25

631-33

Water Heater Connector

FIP Swivel Elbow

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
631-33	3/4" FIP Swivel × 3/4" FIP Swivel, 3" × 3"	B	1	25

633-318

633-G318FP

Water Heater Connector

FIP Swivel × Male Sweat

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
633-318	3/4" FIP Swivel × 3/4" MSWT, 18"	B	10	10
	VALVED, FULL PORT			
633-G318FP	3/4" FIP Swivel × 3/4" MSWT, 18"	B	10	10

Water Heater Connector

FIP Swivel × Full-Slip Female Sweat

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
633-312	3/4" FIP Swivel × 3/4" Full-Slip FSWT	B	25	25
	VALVED, FULL PORT			
633-G312FP	3/4" FIP Swivel × 3/4" Full-Slip FSWT	B	10	10

633-312

633-G312FP

Water Heater Connector

Flexible Copper Water Heater Connector

- Do not twist or kink flexible connector
- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FIP × FSWT			
634-315	3/4" FIP Swivel × 3/4" FSWT, 15"	B	12	12
634-318	3/4" FIP Swivel × 3/4" FSWT, 18"	B	12	12
634-324	3/4" FIP Swivel × 3/4" FSWT, 24"	B	12	12
	FIP X FIP			
634-112	3/4" FIP × 3/4" FIP Swivel, 12"	B	12	12
634-112PK5	3/4" FIP × 3/4" FIP Swivel, 12"	BI	5	5
634-115	3/4" FIP Swivel × 3/4" FIP Swivel, 15"	B	12	12
634-118	3/4" FIP Swivel × 3/4" FIP Swivel, 18"	B	12	12
634-118PK5	3/4" FIP × 3/4" FIP Swivel, 18"	BI	5	5
634-124	3/4" FIP × 3/4" FIP Swivel, 24"	B	12	12
634-124PK5	3/4" FIP × 3/4" FIP Swivel, 24"	BI	5	5

634-318

634-115

Water Heater Connector

FIP Swivel With Expansion Tank Branch

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
633-G3TM11	3/4" × 3/4" FIP Swivel w/ 3/4" MIP Branch, 11"	B	25	25
633-G3TM15	3/4" × 3/4" FIP Swivel w/ 3/4" MIP Branch, 15"	B	25	25
633-G4TM15	1" × 3/4" FIP Swivel w/ 3/4" MIP Branch, 15"	B	25	25

633-G3TM15

633-G3TM18FP

633-G3TM18FPF

Water Heater Connector

Valved With Expansion Tank Branch, Full Port

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT			
633-G3TM18FP	3/4" FIP Swivel × 3/4" MSWT, w/ 3/4" MIP Branch, 18"	B	1	25
	FULL SLIP			
633-G3TM18FPF	3/4" FIP Swivel × 3/4" Full Slip, w/ 3/4" MIP Branch, 18"	B	1	25

634-3F312

Water Heater Connector

Corrugated Flexible SS Connectors

- Do not twist or kink flexible connector
- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
634-3F3F12	3/4" FIP × 3/4" FIP × 12", Stainless Steel	BI	10	40
634-3F3F18	3/4" FIP × 3/4" FIP × 18", Stainless Steel	BI	10	40
634-3F3F24	3/4" FIP × 3/4" FIP × 24", Stainless Steel	BI	10	40

687-3SMFH

687-T3MSM

Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CROSS ADAPTERS			
687-3SFMH	Cross Adapter - 3/4" FIP Swivel X 3/4" FIP X 3/4" MIP X 3/4" MHT w/ Cap	BI	5	25
687-3SMFH	Cross Adapter - 3/4" FIP Swivel X 3/4" MIP X 3/4" FIP X 3/4" MHT w/ Cap	BI	6	24
687-3SMMH	Cross Adapter - 3/4" FIP Swivel X 3/4" MIP X 3/4" MIP X 3/4" MHT w/ Cap	BI	6	24
	CROSS ADAPTER KITS			
687-3SMKIT	Cross Adapter Kit - Includes 648-3SM / 687-3SMFH / 687-3SMMH	BI	5	5
687-3SMKIT2	Cross Adapter Kit - Includes (2) 648-3SM / 687-3SMFH / 687-3SMMH / 687-PVLV	B	5	5
687-PVLV	3/4" Pressure Relief Valve	BI	5	5
	TEE ADAPTERS			
687-T3MMS	Tee Adapter 3/4" MIP X 3/4" MIP X 3/4" FIPS	B	5	25
687-T3MSM	Tee Adapter 3/4" MIP x 3/4" FIPS x 3/4" MIP	B	5	25
687-T3MSS	Tee Adapter 3/4" MIP X 3/4" FIPS X 3/4" FIPS	B	5	25
687-T3SSM	Tee Adapter 3/4" FIPS X 3/4" FIPS X 3/4"MIP	B	5	25

Adapters (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	VALVES			
648-3SM	3/4" FIPS x 3/4" MIP	BI	5	5
648-3SW	3/4" FIPS x 3/4" F1960	BI	5	5
648-3SX	3/4" FIPS x 3/4" F1807	X	5	5
648-4SM	3/4" FIPS x 3/4" MIP	BI	5	5
	CHECK VALVE KIT			
687-3CVKIT	3/4" Check Valve Kit	BI	1	400
	EXPANSION TANK TEE			
633-3TFMF6	3/4" FIP × 3/4" MIP w/ 3/4" FIP Branch, 6"	B	10	40
641WWF3	3/4" F1960 x 3/4" F1960 x 3/4" FIP	BI	10	100
641WWF4	1" F1960 x 1" F1960 x 3/4" FIP	BI	10	100
641XXF3	3/4" F1807 x 3/4" F1807 x 3/4" FIP	BI	10	100
641XXF4	1" F1807 x 1" F1807 x 3/4" FIP	BI	10	100

648-3SM

Water Softener Connector

Corrugated SS Connectors

- Do not twist or kink flexible connector
- DO NOT use pipe dope on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
634-4F3F18	1" FIP × 3/4" FIP × 18", Stainless Steel	BI	10	40
634-4F4F18	1" FIP × 1" FIP × 18", Stainless Steel	BI	10	40

634-4F3F18

Heat Trap Loop

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
636-3TR	3/4" MSWT × 3/4" MSWT	B	25	25

636-3TR

Water Heater Stub Out Loop

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
636-3L10888	3/4" MSWT	B	10	10
636-4L10888	1" MSWT	B	10	10

636-4L10888

601-G20CV

Add-A-Line™

Full Slip Valve Tee

· DO NOT use pipe dope on compression threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPRESSION TRUNK			
601-G20CV	5/8" O.D. Comp × 1/4" OD Comp	CI	6	6
601-G21CV	5/8" O.D. Comp × 3/8" OD Comp	CI	6	6
601-G30CV	7/8" O.D. Comp × 1/4" OD Comp	CI	6	6

646-GP4312FD

Water Service Connectors

· DO NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLY WATER SERVICE CONNECTOR			
646-GP4312FD	1" IPS-ID Barb × 3/4" MIP, 12"	B	25	25
646-GP4412FD	1" IPS-ID Barb × 1" MIP, 12"	B	25	25

692-1308

Water Meter Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WATER METER EXTENSION NIPPLE			
692-1308	3/4" MIP × 1" F. NPSM Swivel, 8"	B	25	25
	BRASS WATER METER ADAPTER			
969-014440304001	1" FIP × 3/4" MIP w/ Washer, 1/Bag	BI	2	24

969-014440304001

Sweat Brass Ball Valve

648-3SW

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FULL PORT-W/SWVL			
648-3SM	3/4" FIPS x 3/4" MIP	BI	5	5
648-3SW	3/4" FIPS x 3/4" F1960	BI	5	5
648-3SX	3/4" FIPS x 3/4" F1807	X	5	5
648-4SM	3/4" FIPS x 3/4" MIP	BI	5	5

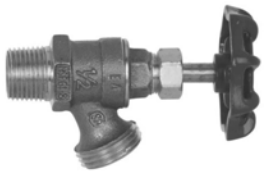
Sweat Brass Ball Valve (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	THERMAL EXPANSION VALVE - 125 PSI			
648-WG3CR	3/4" F1960 × 3/4" FSWT, 3/8" Comp. Port	BI	6	6
648-WG3HR	3/4" F1960 × 3/4" FSWT, 3/8" Hose Barb Port	BI	6	6
648-WG3WR	3/4" F1960 × 3/4" FSWT, 1/2" F1960 Port	BI	6	6
648-XG3CR	3/4" F1807 × 3/4" FSWT, 3/8" Comp. Port	BI	6	6
648-XG3HR	3/4" F1807 × 3/4" FSWT, 3/8" Hose Barb Port	BI	6	6
648-XG3XR	3/4" F1807 × 3/4" FSWT, 1/2" F1807 Port	BI	6	6
	THERMAL EXPANSION VALVE - ADJUSTABLE, FULL PORT			
648-3SMARX	3/4" FIP Swivel × 3/4" MIP, 1/2" F1807 Port (80-125 PSI)	BI	6	6
648-CGS3CRV	3/4" CPVC × 3/4" FIP Swivel, 1/2" CPVC Port	BI	6	6
	ADJUSTABLE REPLACEMENT RELIEF PORT			
648-ARW	1/8" MIP × 1/2" F1960, 80-125 PSI	BI	6	6
648-ARX	1/8" MIP × 1/2" F1807 (80-125 PSI)	BI	6	6

648-3SMARX

Brass Boiler Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MIP - LEADED			
113-32	1/2" MIP/FSWT × 3/4" MHT	BI	10	100
113-33	3/4" MIP × 3/4" MHT	BI	10	100
	SWIVEL COMPRESSION - NO LEAD			
131-G0Y3HR101	1/4-Turn, 1/4" Swiv. Comp. X 3/4" MHT, Brass, 1/Bag	BI	5	60



113-33

131-G0Y3HR101

Sillcock

Standard

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/2" FIP - LEADED			
117-12	1/2" FIP × 3/4" Male Hose Thread	B	10	100
	1/2" FSWT - LEADED			
117S2	1/2" FSWT × 3/4" Male Hose Thread	BI	10	100

117S2

118M208

119-210

119-210CPK

Frost-Proof Anti-Siphon Sillcock

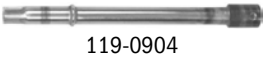
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MULTI-TURN - LEADED			
118M204	1/2" MIP/FSWT × 3/4" MHT, 4"	BI	1	40
118M206	1/2" MIP/FSWT × 3/4" MHT, 6"	BI	1	40
118M208	1/2" MIP/FSWT × 3/4" MHT, 8"	BI	1	40
118M210	1/2" MIP/FSWT × 3/4" MHT, 10"	BI	1	40
118M212	1/2" MIP/FSWT × 3/4" MHT, 12"	BI	2	40
	1/4 TURN - LEADED			
119-204	1/2" MIP × 3/4" MHT × 1/2" FSWT, 4"	B	1	25
119-206	1/2" MIP × 3/4" MHT × 1/2" FSWT, 6"	B	1	25
119-208	1/2" MIP × 3/4" MHT × 1/2" FSWT, 8"	B	1	25
119-210	1/2" MIP × 3/4" MHT × 1/2" FSWT, 10"	B	1	25
119-210CPK	5/8" O.D. Comp. × 3/4" MHT, 10"	CI	5	5
119-212	1/2" MIP × 3/4" MHT × 1/2" FSWT, 12"	B	1	25

118-01

118-07

118-08

119-01



119-0904

Frost-Proof Sillcock Replacement Parts

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	118 SERIES			
118-01	Sillcock Handle, Die Cast	B	12	12
118-02	Handle Screw	B	12	12
118-03	Faceplate And Stem Packing Washers	B	1	1
118-04	Stem Packing	B	12	100
118-05	Neoprene Seat Washer	B	12	12
118-06	Seat Washer Screw	B	1	1
118-07	Stem Bottom Assembly Parts: S.S. Spring, O-Ring, Spring Seat, Flat Gasket, Retainer Cup, Stem Packing, Seat Screw	B	1	1
118-08	Vacuum Breaker Repair Kit: Cap, Plunger, O-Ring	B	1	100
118-0904	4" Complete Stem Assembly: Includes Stem Bottom Assembly	B	1	1
118-0906	6" Complete Stem Assembly: Includes Stem Bottom Assembly	B	1	1
118-0908	8" Complete Stem Assembly: Includes Stem Bottom Assembly	B	1	1
118-0910	10" Complete Stem Assembly: Includes Stem Bottom Assembly	B	1	1
118-0912	12" Complete Stem Assembly: Includes Stem Bottom Assembly	B	1	1
	119 SERIES			
119-00	Gray Flange	B	25	25
119-01	Handle Assembly And Screw	B	10	10
119-03	Packing Nut	B	10	10
119-04	Packing	B	25	25
119-07	Cartridge Assembly	B	1	100
119-08	Vacuum Breaker Kit	B	6	6
119-08C	Vacuum Breaker Cap, Chrome-Plated	B	6	6
119-0904	4" Stem, 5-1/2" Total Length	B	10	10
119-0906	6" Stem, 7-1/2" Total Length	B	10	10
119-0908	8" Stem, 9-1/2" Total Length	B	10	10
119-0910	10" Stem, 11-1/2" Total Length	B	10	10
119-0912	12" Stem, 13-1/2" Total Length	B	10	10
119-10	Jam Nut	BI	6	6

Vacuum Breaker

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
117-03	3/4" Female Hose Thread × 3/4" Male Hose Thread	BI	20	240

117-03

Thermostatic Mixing Valve

Related Products
OxBox™ TMV p 168

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	VALVE			
120-TM3F	3/8" Comp. Inlets x 3/8" Comp. Outlets, Capped	BI	1	10
	REPAIR KITS			
120-TM3F-1	THERMOSTATIC MIX VLV SCREEN KIT, 2/BG	BI	1	500
120-TM3F-2	THERMOSTATIC MIX VLV PISTON REPAIR KIT, 2/BG	BI	1	300
120-TM3F-3	THERMOSTATIC MIX VLV CHECK VALVE REPAIR KIT, 2/BG	BI	1	500

120-TM3F

1/2" Male Sweat Branch, Manifold

1" MSWT × 1" MSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
678-20344	1/2" MSWT, 3 Port	BI	10	10
678-20644	1/2" MSWT, 6 Port	BI	10	10
678-21244	1/2" MSWT, 12 Port	B	10	10

1/2" Male Sweat Branch, Manifold

1" MSWT × 1" FSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
678-20242	1/2" MSWT, 2 Port	BI	10	10
678-20342	1/2" MSWT, 3 Port	BI	10	10
678-20442	1/2" MSWT, 4 Port	BI	10	10
6784L-11313	1/2" MSWT, 11 Port, 3" O.C.	BI	5	5

3/4" Male Sweat Branch, Manifold

1-1/4" MSWT × 1-1/4" MSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
6795L-12333	3/4" MSWT, 12 Port, 3" O.C.	BI	1	5

3/4" Male Sweat Branch, Manifold

1-1/2" MSWT× 1-1/2" FSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
6796L-12333	3/4" MSWT, 12 Port, 3" O.C.	BI	1	5

3/4" Male Sweat Branch, Manifold

2" MSWT × 2" MSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
6797L-12333	3/4" MSWT, 12 Port, 3" O.C.	BI	1	4

3/4" Female Sweat Branch, Manifold

1-1/4" MSWT × 1-1/4" MSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
67745L-08334	3/4" FSWT, 8 Port, 4" O.C.	BI	1	5

1/2" MIP/FSWT Ball Valve Branch, Manifold

1" MSWT × 1" MSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
675-V20244	1/2" MIP/FSWT Ball Valve, 2 Port	BI	1	10

1/2" MIP/FSWT Ball Valve Branch, Manifold

1" MSWT × 1" FSWT Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
675-V20442	1/2" MIP/FSWT Ball Valve, 4 Port	BI	1	10

693-13155301

Sweat Shower-Up™ Kit

- For individual product details, see product pages

Related Products
Shower WallNut™ p 616

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
693-13155301	(1) 608-L2508, (1) 613-87, (2) 632X263, (1) 523-2434, (1) 525-16WLB	BI	12	12
693-13755301	(1) 608-L2508, (1) 613-87, (2) 632WG263, (1) 523-2434, (1) 525-16WLB	BI	1	12

694-G21012091

Sweat Water Heater Connector Kit

- Do NOT use thread sealant on FIP swivel threads
- For individual product details, see product pages

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
694-G21012091	(1) 633-312, (1) 633-G3TM15, (1) 631-G305FP	BI	1	10

PDQ™ Push Fit System

PDQ™ Push - Fittings, Adapters & Connectors

PDQ™ Push - Preformed Copper & Valves

PDQ™ Push - Manifolds

PDQ™ helps contractors get ***Plumbing Done Quickly***.
Sioux Chief's PDQ push fit system offers a fast, reliable, tool-free connection solution for CTS copper and CPVC, or SDR9 PEX tubing. PDQ Fittings are made to the *ASSE 1061 Performance Requirements for Push-Fit Fittings*, and can be used in potable water or hydronic heating applications.

Important Notes About Sioux Chief PDQ Fittings:
PDQ fittings are not compatible with chrome or nickel-plated stub outs and stub out elbows.

A tube stiffener must be used when installing PEX tube into a PDQ fitting.

Do Not apply heat to PDQ fittings

See complete installation instructions at www.siouxchief.com

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Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

Push Fit Elbow

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
642QG2	1/2" × 1/2"	CI	12	12
642QG3	3/4" × 3/4"	CI	12	12
642QG32	3/4" × 1/2"	CI	6	6
642QG4	1" × 1"	CI	6	6
642QG43	1" × 3/4"	CI	6	6
642QG5	1-1/4" × 1-1/4"	CI	3	3
642QG6	1-1/2" × 1-1/2"	CI	3	3
642QG7	2" × 2"	CI	3	3

642QG2

642QG32

Push Fit Tee

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE - NL/DZR BRASS			
641QG222	1/2" × 1/2" × 1/2"	CI	12	12
641QG222F	1/2" Push Fit × 1/2" Push Fit × 1/2" FIP	CI	6	6
641QG222M	1/2" Push Fit × 1/2" Push Fit × 1/2" MIP	CI	6	6
641QG333	3/4" × 3/4" × 3/4"	CI	12	12
641QG333F	3/4" Push Fit × 3/4" Push Fit × 3/4" FIP	CI	6	6
641QG333M	3/4" Push Fit × 3/4" Push Fit × 3/4" MIP	CI	6	6
641QG555	1-1/4" × 1-1/4" × 1-1/4"	CI	3	3
641QG666	1-1/2" × 1-1/2" × 1-1/2"	CI	3	3
641QG777	2" × 2" × 2"	CI	3	3
	REDUCING TEE - NL/DZR BRASS			
641QG322	3/4" × 1/2" × 1/2"	CI	12	12
641QG323	3/4" × 1/2" × 3/4"	CI	6	6
641QG332	3/4" × 3/4" × 1/2"	CI	6	6
641QG424	1" × 1/2" × 1"	CI	6	6
	BULLHEAD TEE - NL/DZR BRASS			
641QG223	1/2" × 1/2" × 3/4"	CI	6	6
641QG224	1/2" × 1/2" × 1"	CI	6	6
641QG334	3/4" × 3/4" × 1"	CI	6	6

641QG222

641QG323

641QG223

Push Fit Transition Tee

641Q3-3Q2

- Do Not cut or apply heat to fitting – Doing so will void warranty.
- For mechanical connection only - Do Not Solder

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
641Q3-3Q2	3/4" Push Fit × 3/4" CTS × 1/2" Push Fit	CI	1	6

Push Fit Transition Adapter

645Q2-3

- Do Not cut or apply heat to fitting – Doing so will void warranty.
- For mechanical connection only - Do Not Solder

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
645Q2-3	1/2" Push Fit × 3/4" CTS, 1/Bag	CI	10	10
645Q3-2	3/4" Push Fit × 1/2" CTS, 1/Bag	CI	10	10

Push Fit Coupling

645QG2

645QG32

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
645QG2	1/2" × 1/2"	CI	12	12
645QG3	3/4" × 3/4"	CI	12	12
645QG32	3/4" × 1/2"	CI	6	6
645QG4	1" × 1"	CI	6	6
645QG43	1" × 3/4"	CI	6	6
645QG5	1-1/4" × 3/4"	CI	3	3
645QG54	1-1/4" × 1"	CI	3	3
645QG6	1-1/2" × 1-1/2"	CI	3	3
645QG65	1-1/2" × 1-1/4"	CI	3	3
645QG7	2" × 2"	CI	3	3
645QG76	2" × 1-1/2"	CI	3	3

Push Fit Slip Coupling

600QG406

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
600Q206	1/2" Slip Coupling, Copper	BI	6	6
600Q306	3/4" Slip Coupling, Copper	BI	6	6
	NL/DZR BRASS			
600QG406	1" Slip Couplng, No-Lead Brass	BI	6	6

Push Fit Cap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
605QG2	1/2" Push Fit	CI	12	12
605QG3	3/4" Push Fit	CI	6	6
605QG4	1" Push Fit	CI	6	6
605QG5	1-1/4" Push Fit	CI	3	3
605QG6	1-1/2" Push Fit	CI	3	3
605QG7	2" Push Fit	CI	3	3

605QG3

Push Fit Straight Adapter

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
646QG2	1/2" Push Fit × 1/2" MIP	CI	12	12
646QG3	3/4" Push Fit × 3/4" MIP	CI	12	12
646QG32	1/2" Push Fit × 3/4" MIP	CI	6	6
646QG34	1" Push Fit × 3/4" MIP	CI	6	6
646QG4	1" Push Fit × 1" MIP	CI	6	6
646QG5	1-1/4" Push Fit × 1-1/4" MIP	CI	3	3
646QG6	1-1/2" Push Fit × 1-1/2" MIP	CI	3	3
646QG7	2" Push Fit × 2" MIP	CI	3	3

646QG2

Push Fit Straight Adapter

FIP Swivel Adapter

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR			
633Q03	3/4" Push Fit × 3/4" FIP Swivel, 2"	BI	12	12
637Q2	1/2" Push Fit × 1/2" FIP Swivel	BI	12	12

633Q03

Push Fit Straight Adapter

FIP

647QG2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
647QG2	1/2" Push Fit × 1/2" FIP	CI	12	12
647QG3	3/4" Push Fit × 3/4" FIP	CI	12	12
647QG32	1/2" Push Fit × 3/4" FIP	CI	6	6
647QG34	1" Push Fit × 3/4" FIP	CI	6	6
647QG4	1" Push Fit × 1" FIP	CI	12	12
647QG43	3/4" Push Fit × 1" FIP	CI	6	6
647QG5	1-1/4" Push Fit × 1-1/4" FIP	CI	3	3
647QG6	1-1/2" Push Fit × 1-1/2" FIP	CI	3	3
647QG7	2" Push Fit × 2" FIP	CI	3	3

Push Fit Elbow Adapter

MIP

632QG222M

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
632QG222M	1/2" Push Fit × 1/2" MIP	BI	6	6

Push Fit Elbow Adapter

FIP

632QG222F

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
632QG222F	1/2" Push Fit × 1/2" FIP	BI	6	6
647QG2E3	1/2" Push Fit × 1/2" FIP Drop-Ear	CI	6	6

Poly Tube Stiffener

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
603Q2	1/2", 6/Bag	CI	15	15
603Q3	3/4", 6/Bag	CI	15	15
603Q4	1", 6/Bag	CI	15	15

603Q2

Stainless Steel Tube Stiffener

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
280-A266537	1/2"	B	10	2500
280-A266607	3/4"	B	50	1000
280-A266617	1"	B	50	1000
280-A266627	1-1/4"	B	25	25

280-A266537

Push Fit Disconnect Tools

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305Q2	1/2", 1/Bag	CI	24	24
305Q23PK1	1/2" & 3/4", 1 Pair/Bag	BI	12	12
305Q3	3/4", 1/Bag	CI	24	24
305Q4	1", 1/Bag	CI	12	12
305Q4PK1	1", 1/Bag	BI	5	400

305Q2

630Q248

Push Fit Stub Out Elbow

· Use caution if soldering – Do Not allow PDQ portion of fitting to be heated

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630Q248	1/2" Push Fit, 4" × 8"	BI	20	20
630Q368	3/4" Push Fit, 6" × 8"	BI	10	10

630Q248E

Push Fit Stub Out Elbow

Stub out With Square O Strap

· Use caution if soldering – Do Not allow PDQ portion of fitting to be heated

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
630Q248E	1/2" Push Fit, 4" × 8", w/ Strap	BI	10	10
630Q4910E	1" Push Fit, 9" × 10", w/ Strap	BI	10	10

632Q263Y

Push Fit Tub/Shower Connector

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632Q263	1/2" Push Fit, 6" × 3"	BI	20	20
632Q263X	1/2" Push Fit × 1/2" MIP Swivel, 6" × 3"	BI	20	20
632Q263Y	1/2" Push Fit × 1/2" FIP Swivel, 6" × 3"	BI	20	20

633Q18

Push-Fit Water Heater Connector

FIP Swivel Straight

· Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
633Q03	3/4" Push Fit × 3/4" FIP Swivel, 2"	BI	12	12
633Q18	3/4" Push Fit × 3/4" FIP Swivel, 18"	BI	10	10
	VALVED, FULL PORT			
633Q06FP	3/4" Push Fit × 3/4" FIP Swivel, 6"	BI	10	10
633Q18FP	3/4" Push Fit × 3/4" FIP Swivel, 18"	BI	10	10

633Q06FP

Push-Fit Water Heater Connector

Straight Flexible Copper FIP Swivel

- Do not twist or kink flexible connector
- Do NOT use thread sealant on FIP swivel threads

634Q418

634Q418FP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
634Q418	3/4" Push Fit × 3/4" FIP Swivel, 18"	B	12	12
	VALVED, FULL PORT			
634Q418FP	3/4" Push Fit × 3/4" FIP Swivel, 18"	B	10	10

Push-Fit Water Heater Connector

Braided Stainless Steel

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
279-3F3Q18	3/4" FIP × 3/4" PDQ × 18"	BI	5	40
279-4F3Q18	1" FIP × 3/4" PDQ × 18"	BI	5	40
279-4F4Q18	1" FIP × 1" PDQ × 18"	BI	5	40
279-GWHQKIT	Gas Water Heater PDQ Installation Kit, 1/Clamshell	BI	5	5
	VALVED, FULL PORT			
279-3F3Q18FP	3/4" FIP × 3/4" PDQ × 18"	BI	5	40

Add-A-Line™

Push-Fit Tee

- Do Not cut or apply heat to fitting – Doing so will void warranty.
- DO NOT use pipe dope on compression threads
- For mechanical connection only - Do Not Solder

601Q30V

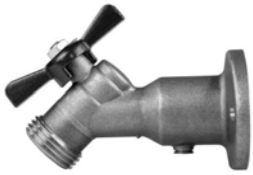
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
601Q20V	1/2" Push Fit × 1/4" OD Comp	BI	6	6
601Q30V	3/4" Push Fit × 1/4" OD Comp	BI	6	6

Push Fit Brass Ball Valve

648QG3

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FULL PORT			
648QG2	1/2" Push Fit	CI	12	12
648QG3	3/4" Push Fit	CI	12	12
648QG4	1" Push Fit	CI	6	6

Push Fit Sillcock



117Q22

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED			
117Q22	1/2" Push Fit	BI	6	6

Push Fit Frost-Proof Sillcock

119Q208

Related Products
Frost-Proof Sillcock Replacement Parts p 114

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4 TURN - LEADED			
119Q208	1/2" Push Fit, 8"	B	5	5
119Q210	1/2" Push Fit, 10"	B	5	5

Push Fit Water Heater Connector Kit

694Q312620

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
694Q312620	(1) 633Q03, (1) 633Q06FP	BI	10	10
694Q464120	(1) 634Q418, (1) 634Q418FP	BI	10	10

1/2" Push Fit Branch, Manifold

3/4'' Push Fit × Spun Closed Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672Q0490	1/2" Push Fit, 4 Port	BI	10	10
672Q0590	1/2" Push Fit, 5 Port	BI	10	10
672Q0690	1/2" Push Fit, 6 Port	BI	10	10

1/2" Push Fit Branch, Manifold

3/4" Push Fit × 3/4" Push Fit Trunk

- Do not recirculate back through any manifold branch. Do not modify manifold. Doing so will void warranty

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
672Q0499	1/2" Push Fit, 4 Port	BI	10	10
672Q0599	1/2" Push Fit, 5 Port	BI	10	10
672Q0699	1/2" Push Fit, 6 Port	BI	10	10

Notes:

Pipe Insulation

Foam Pipe/Tube Insulation

Using foam pipe/tube insulation reduces noise, condensation, and conserves energy by reducing heat-loss. Sioux Chief's closed-cell foam insulation is made in the USA and provides the ideal combination of flexibility and rigidity for easier installation.

Foam Pipe/Tube Insulation

Self-Seal Seam - Black

663-05838SS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" WALL			
663-05838SS	5/8" ID, 1/2" CTS, 408 Ft/Box	B	1	1
663-07838SS	7/8" ID, 3/4" CTS, 300 Ft/Box	B	1	1
663-11838SS	1-1/8" ID, 1" CTS, 240 Ft/Box	B	1	1
663-13838SS	1-3/8" ID, 1-1/4" CTS, 192 Ft/Box	B	1	1
663-15838SS	1-5/8" ID, 1-1/2" CTS, 132 Ft/Box	B	1	1
663-21838SS	2-1/8" ID, 2" CTS, 90 Ft/Box	B	1	1
663-25838SS	2-5/8" ID, 2-1/2" CTS, 72 Ft/Box	B	1	1
	1/2" WALL			
663-05812SS	5/8" ID, 1/2" CTS, 306 Ft/Box	B	1	1
663-07812SS	7/8" ID, 3/4" CTS, 240 Ft/Box	B	1	1
663-11812SS	1-1/8" ID, 1" CTS, 180 Ft/Box	B	1	1
663-13812SS	1-3/8" ID, 1-1/4" CTS, 150 Ft/Box	B	1	1
663-15812SS	1-5/8" ID, 1-1/2" CTS, 120 Ft/Box	B	1	1
663-21812SS	2-1/8" ID, 2" CTS, 84 Ft/Box	B	1	1
663-23812SS	2-3/8" ID, 2" IPS, 66 Ft/Box	B	1	1
663-25812SS	2-5/8" ID, 2-1/2" CTS, 60 Ft/Box	B	1	1
663-31212SS	3-1/2" ID, 3" IPS, 42 Ft/Box	B	1	1
	3/4" WALL			
663-05834SS	5/8" ID, 1/2" CTS, 180 Ft/Box	B	1	1
663-07834SS	7/8" ID, 3/4" CTS, 156 Ft/Box	B	1	1
663-11834SS	1-1/8" ID, 1" CTS, 102 Ft/Box	B	1	1
663-13834SS	1-3/8" ID, 1-1/4" CTS, 90 Ft/Box	B	1	1
663-15834SS	1-5/8" ID, 1-1/2" CTS, 84 Ft/Box	B	1	1
663-21834SS	2-1/8" ID, 2" CTS, 54 Ft/Box	B	1	1
663-23834SS	2-3/8" ID, 2" IPS, 54 Ft/Box	B	1	1
	1" WALL			
663-05810SS	5/8" ID, 1/2" CTS, 108 Ft/Box	B	1	1
663-07810SS	7/8" ID, 3/4" CTS, 90 Ft/Box	B	1	1
663-11810SS	1-1/8" ID, 1" CTS, 90 Ft/Box	B	1	1
663-13810SS	1-3/8" ID, 1-1/4" CTS, 72 Ft/Box	B	1	1
663-15810SS	1-5/8" ID, 1-1/2" CTS, 60 Ft/Box	B	1	1
663-21810SS	2-1/8" ID, 2" CTS, 48 Ft/Box	B	1	1
663-23810SS	2-3/8" ID, 2" IPS, 42 Ft/Box	B	1	1

Foam Pipe/Tube Insulation

Half-Slit - Black

663-07838HS

663-05812HS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" WALL			
663-05838HS	5/8" ID, 1/2" CTS, 408 Ft/Box	B	1	1
663-07838HS	7/8" ID, 3/4" CTS, 300 Ft/Box	B	1	1
663-11838HS	1-1/8" ID, 1" CTS, 240 Ft/Box	B	1	1
663-13838HS	1-3/8" ID, 1-1/4" CTS, 192 Ft/Box	B	1	1
	1/2" WALL			
663-05812HS	5/8" ID, 1/2" CTS, 306 Ft/Box	B	1	1
663-07812HS	7/8" ID, 3/4" CTS, 240 Ft/Box	B	1	1

663-07810HS

Foam Pipe/Tube Insulation (Cont)

Half-Slit - Black

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1" WALL			
663-05810HS	5/8" ID, 1/2" CTS, 108 Ft/Box	B	1	1
663-07810HS	7/8" ID, 3/4" CTS, 90 Ft/Box	B	1	1
663-11810HS	1-1/8" ID, 1" CTS, 90 Ft/Box	B	1	1

Arresters & Trap Primers

Water Hammer Arresters

Trap Primers

Arresters & Trap Primers

Water Hammer Arresters

Sioux Chief water hammer arresters are ASSE certified to the *ANSI/ASSE 1010 Performance Requirements for Water Hammer Arresters*. AA size arrester models are IAPMO listed to cUPC and Canadian codes and standards.

Sioux Chief arresters may be installed at any angle, are approved for installation with no access panels required, and are compatible with Press-Fitting and Push-Fitting systems.

FBC SYSTEM COMPATIBLE

The resin used in all CPVC connections has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.

The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

Trap Primers

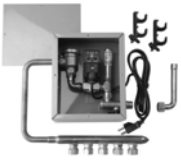
Sioux Chief mechanical trap primer valves are IAPMO listed to cUPC and ASSE certified to the *ANSI/ASSE 1018 Performance Requirements for Trap Seal Primer Valves – Potable Water Supplied*.

Gravity and Electronic trap primers are IAPMO listed to cUPC and ASSE certified to the *ANSI/ASSE 1044 Performance Requirements for Trap Seal Primer – Drainage Types and Electric Design Types*.

Water Hammer Arresters

Sioux Chief has been an industry leader in water hammer arrester science and solutions for decades. Our arresters are continuously and rigorously tested. The simple but durable piston design provides the longest performance life of any arrester on the market

All arresters are made in the USA from copper, brass, and stainless steel materials.

660-WG2B **Page 139**	**660-X2B** **Page 139**	**660-HB** **Page 139**	**660-TS** **Page 139**	**660-TSWG8** **Page 139**
660-GTX2B **Page 140**	**660-GTC1B** **Page 140**	**660-GTR1B** **Page 140**	**652-A** **Page 141**	**652-AS** **Page 141**
653-BC **Page 141**	**652-AX** **Page 142**	**652-AWG** **Page 142**	**658-2004** **Page 142**	**658S2002** **Page 142**
652-AD **Page 143**	**695-01** **Page 147**	**695-Y52** **Page 147**	**695-D432** **Page 147**	**200-092** **Page 148**
 **695-ES05** **Page 148**	**695-ER10** **Page 149**	**695-ES01** **Page 149**		

Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

MiniRester™

Straight

- Perfect for any residential single-fixture application

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
660-G2	1/2" MIP, Clamshell	Cl	6	6
660-G2B	1/2" MIP	B	50	50
660-GVPX2B	1/2" F3347 PEX Press	B	50	50
660-S	1/2" MSWT, Clamshell	Cl	6	6
660-SB	1/2" MSWT	B	50	50
660-V82B	1/2" CPVC Male	B	50	50
660-WG2B	1/2" F1960 PEX	B	50	50
660-X2B	1/2" F1807 PEX	B	50	50

660-G2B

660-SB

MiniRester™

Laundry Hose Tee/Toilet Fill Valve Tee

- Do NOT use thread sealant on FIP swivel threads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
660-H	3/4" Female Swivel Hose Thread × 3/4" Male Hose Thread, Clamshell	Bl	6	6
660-HB	3/4" Female Swivel Hose Thread × 3/4" Male Hose Thread	B	25	25
660-HPK2	3/4" Female Swivel Hose Thread × 3/4" Male Hose Thread, 2/Bag	Bl	20	20
660-TK	Female Swivel Ballcock Nut × Male Ballcock Thread, Clamshell	Cl	6	6
660-TKB	Female Swivel Ballcock Nut × Male Ballcock Thread	B	25	25

660-HB

MiniRester™

Tub Shower / Stub Out Tee

Related Products
3-Valve Kitchen Supply Box p 171

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	TUB SHOWER VALVE TEE			
660-TS	1/2" FSWT × 1/2" MSWT	B	25	25
660-TSWG	1/2" F1960 PEX × 1/2" MSWT	B	25	25
660-TSX	1/2" F1807 PEX × 1/2" MSWT	B	25	25
	STUB OUT TEE			
660-TS8	1/2" FSWT × 1/2" × 8" Stub Out	B	25	25
660-TS88	1/2" FSWT × Double 1/2" × 8" Stub Out	B	25	25
660-TSWG8	1/2" F1960 w/ 1/2" CTS Stub Out, 8"	B	25	25
660-TSX88	1/2" F1807 PEX × Double 1/2" × 8" Stub Out	B	25	25

660-TSWG

660-TSWG8

660-GTX2B

660-GTW2B

MiniRester™

PEX Tee

- For any residential single-fixture application with PEX tube

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	F1807 PEX			
660-GTX2	1/2" F1807, Clamshell	Cl	6	6
660-GTX2B	1/2" F1807	B	25	25
	F1960 PEX			
660-GTW2B	1/2" F1960	B	25	25

660-GTC0

MiniRester™

Compression Tee

- DO NOT use pipe dope on compression threads
- For any residential single-fixture application

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
660-GTC0	1/4" O.D Comp., Clamshell	Cl	6	6
660-GTC0B	1/4" O.D Comp.	B	25	25
660-GTC1	3/8" O.D. Comp., Clamshell	Cl	6	6
660-GTC1B	3/8" O.D. Comp.	B	25	25

660-GTR1B

MiniRester™

Female Compression Tee

- DO NOT use pipe dope on compression threads
- Installs directly to supply stops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
660-GTR	5/8" O.D. Female Comp. × 5/8" O.D. Comp., Clamshell	Cl	6	6
660-GTR0	1/4" O.D Female Comp. × 1/4" O.D. Comp., Clamshell	Cl	6	6
660-GTR0B	1/4" O.D Female Comp. × 1/4" O.D. Comp.	B	25	25
660-GTR1	3/8" O.D. Female Comp. × 3/8" O.D. Comp., Clamshell	Cl	6	6
660-GTR1B	3/8" O.D. Female Comp. × 3/8" O.D. Comp.	B	25	25
660-GTRB	5/8" O.D. Female Comp. × 5/8" O.D. Comp.	B	25	25

HydraRester™

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
652-A	1/2", Type A, Fixture Units; 1-11	B	1	16
653-B	3/4", Type B, Fixture Units; 12-32	B	1	16
654-C	1", Type C, Fixture Units; 33-60	B	1	16
655-D	1", Type D, Fixture Units; 61-113	B	1	4
656-E	1", Type E, Fixture Units; 114-154	B	1	4
657-F	1", Type F, Fixture Units; 155-330	B	1	4

652-A

HydraRester™

Sweat/Press-Fit

· Do not overheat. Do not braze.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
652-AS	1/2", Type A, Fixture Units; 1-11	B	1	16
653-BS	3/4", Type B, Fixture Units; 12-32	B	1	16
654-CS	1", Type C, Fixture Units; 33-60	B	1	16
655-DS	1", Type D, Fixture Units; 61-113	B	1	4
656-ES	1", Type E, Fixture Units; 114-154	B	1	4
657-FS	1", Type F, Fixture Units; 155-330	B	1	4

653-BS

HydraRester™

CPVC

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
652-AC	1/2", Type A, Fixture Units; 1-11	B	1	16
653-BC	3/4", Type B, Fixture Units; 12-32	B	1	16
654-CC	1", Type C, Fixture Units; 33-60	B	1	16

652-AC

652-AX

652-AWG

HydraRester™

PEX

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	F1807 PEX			
652-AX	1/2" F1807, Type A, Fixture Units; 1-11	B	1	16
653-BX	3/4" F1807, Type B, Fixture Units; 12-32	B	1	16
654-CX	1" F1807, Type C, Fixture Units; 33-60	B	1	16
	F1960 PEX			
652-AWG	1/2" F1960, Type A, Fixture Units; 1-11	B	1	16
653-BWG	3/4" F1960, Type B, Fixture Units; 12-32	B	1	16
654-CWG	1" F1960, Type C, Fixture Units; 33-60	B	1	16

658-2004

MegaRester™

Copper

· For industrial Applications. Contact Sioux Chief for custom sizing

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
658-1503	3" MIP, 150 Cu. In.	B	1	1
658-2002	2" MIP, 200 Cu. In.	B	1	1
658-2004	4" MIP, 200 Cu. In.	B	1	1
658-4004	4" MIP, 400 Cu. In.	B	1	1
658-4004F2	4" Class 150 Flange, 400 Cu. In.	B	1	1

658S2004F2

MegaRester™

Stainless Steel

· For industrial Applications. Contact Sioux Chief for custom sizing

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
658S2002	2" MIP, 200 Cu. In.	B	1	1
658S2004F2	4" Class 150 Flange, 200 Cu. In.	B	1	1
658S4004F2	4" Class 150 Flange, 400 Cu. In.	B	1	1

VacuRester™

MIP

- For use where the piping system is subject to cavitation on the non-pressure side of a quick closing valve

652-FD

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
652-AD	1/2" MIP	B	1	16
657-FD	1" MIP	B	1	4

Notes:

Trap Primers

Sioux Chief offers a wide variety of ASSE listed trap primers – mechanical, gravity, and electronic, as well as distributors and other accessories.

All Sioux Chief Trap Primers are ASSE Certified. Mechanical Primers are certified to the ASSE 1018 Standard. Electronic and Tailpiece Primers are Certified to the ASSE 1044 Standard.

Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

PrimePerfect™

Mechanical Trap Primer Valve

- DO NOT use thread sealant compound
- For use in accessible locations only

695-01

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
695-01	1/2" FIP × 1/2" MIP	BI	1	24

Splitter

Wye Splitter

- Do NOT use thread sealant on FIP swivel threads

695-Y52

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
695-Y52	Two 1/2" MIP Branches	BI	1	10

Splitter

Distributor

- Do NOT use thread sealant on FIP swivel threads

695-D432

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
695-D20	Two 1/4" MSWT Branches	BI	1	16
695-D30	Three 1/4" MSWT Branches	BI	1	16
695-D40	Four 1/4" MSWT Branches	BI	1	16
695-D432	Two 1/4" MSWT Branches, Two Spun-Closed Branches	BI	1	16
695-D4325	Two 1/2" FSWT Branches, Two Spun-Closed Branches	BI	1	16
695-D432F	Four 1/2" FIP Branches w/ Two Plugs	BI	1	10

695-3A

695-3P

861-TA23

Trap Primer Adapter

1/2" FIP Port

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ABS - SCH. 40 HUB			
695-2A	2" ABS Hub Adapter w/ 1/2" FIP Port	BI	1	10
695-4A	4" ABS Hub Adapter w/ 1/2" FIP Port	B	1	10
	PVC - SCH. 40 HUB			
695-4P	4" PVC Hub Adapter w/ 1/2" FIP Port	BI	1	10
	CAST IRON NO-HUB			
861-TA22	2" No-Hub - 1/2" FIP	B	1	1
861-TA23	3" No-Hub - 1/2" FIP	B	1	1
861-TA24	4" No-Hub - 1/2" FIP	B	1	1

200-092

TrapEase™

Trap Primer Tailpiece

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
200-090	1-1/2" × 8" Direct Connect, Unfinished	B	25	25
200-092	1-1/2" × 8" Direct Connect, Chrome	B	25	25
206-096	1-1/2" × 6" Slip-Joint Connect, Chrome	B	25	25
213-090	1-1/4" × 6" Fine Thread, Unfinished	B	25	25
213-092	1-1/4" × 6" Fine Thread, Chrome	B	25	25
213-096	1-1/4" × 6" Slip-Joint Connect, Chrome	B	25	25

695-ES05

Electronic Trap Primer

Surface Mount Box & Panel

- Do NOT disassemble or remove components. Doing so voids the warranty
- DO NOT use thread sealant compound

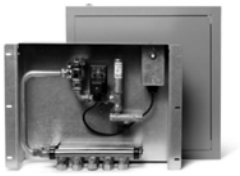
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
695-ES05	5 Port	BI	1	4
695-ES10	10 Port	BI	1	1
695-ES15	15 Port	BI	1	1
695-ES20	20 Port	BI	1	1
695-ES30	30 Port	BI	1	1

Electronic Trap Primer

Recessed Box

- Do NOT disassemble or remove components. Doing so voids the warranty
- DO NOT use thread sealant compound

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
695-ER05	5 Port	BI	1	1
695-ER10	10 Port	BI	1	1
695-ER15	15 Port	BI	1	1
695-ER20	20 Port	BI	1	1
695-ER30	30 Port	BI	1	1
	PANEL			
971-1414	Outside - 15-1/4" × 15-1/4", Inside - 14" × 14", Painted Steel	B	1	1
971-1430	Outside - 15-1/4" × 31-1/4", Inside - 14" × 30", Painted Steel	B	1	1



695-ER10 w/ 971-1414

971-1414

Electronic Trap Primer

Single Outlet Primer

- Do NOT disassemble or remove components. Doing so voids the warranty

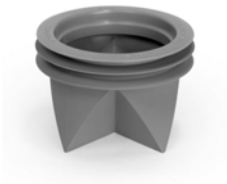
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
695-ES01	Electronic Trap Primer Surface Mount	BI	1	1

695-ES01

TrapShield™

Trap Seal Protection Device

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-35	Trapshield™ For 3-1/2" Drain Head	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20



835-2

Notes:

Access

Laundry, Ice Maker,

Lav/Toilet/Dishwasher, Lavatory,

Kitchen Sink, Water Service Valve,

Pressure-Reducing Valve,

Water Heater, Termination Outlet,

Water Softener, Gas Service

Air Admittance Valve Box

Outlet Box Accessories

Access Panels

Access

Outlet Boxes, Plates & Panels

Sioux Chief outlet boxes are listed by IAPMO to cUPC and are designed with inlet connections conforming to all appropriate ASTM standards. Water supply valves for potable water service meet ASME A112.18.1 and comply with NSF-61 and *California No Lead Plumbing Law*. Leaded brass options are available for non-potable water applications only.

Water hammer arresters included with applicable models are ASSE certified to the *ANSI/ASSE 1010 Performance Requirements for Water Hammer Arresters*.

Fire-rated models are listed by Warnock Hersey to meet ASTM E-814, CAN/ULC S115
See product spec sheets for individual product ratings

FBC SYSTEM COMPATIBLE

The resin used in all CPVC connections has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.

The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

Custom Product Available

Sioux Chief offers OxBox™ outlet box options that are NOT listed in this catalog.
To build your custom product number, use the guide below.

Note: Custom item must be ordered with a minimum qty of 30. Custom items are non-returnable.

696 A B C D E F G H

E.g. 696-2313XF = OxBox supply and drain box with two, leaded, 3/4" male hose thread outlet valves with arresters, 1/2" F1807 PEX connection and frame included.

A Special Standards

– (dash) Standard product[1]
R Fire-Rated product
G No-Lead compliant valves[2]
RG Fire-Rated product with No-Lead compliant valves

B Supply Box Options

1 One-valve box
2 Two-valve box
3 Three-valve box
4 Four-valve box

C Drain Box Options

0 (zero) No drain box
3 Drain box included
4 Supply box with drain

D Valve & Arrester Options

0 (zero) No Arresters on valves
1 Arresters on valves
2 Integral, secondary stop

E Outlet Options

0 (zero) 1/4" Compression outlet
1 3/8" Compression outlet
3 3/4" Male hose thread outlet

F Inlet Options

C 1/2" Male CPVC
M 1/2" MIP/FSWT
P 1/2" MSWT/Press/Push
V 1/2" F3347 PEX
W 1/2" F1960 PEX
X 1/2" F1807 PEX

G Frame Options

F Frames included
R Rough-in Pack - frames not included

H Additional Options if applicable

PK4 Display box package

1 Leaded brass valves: C37700 or C36000
2 No-Lead valves: C69300 dezincification and SCC resistant material. Compliant with NSF-61 Annex G and California No-Lead Plumbing Law

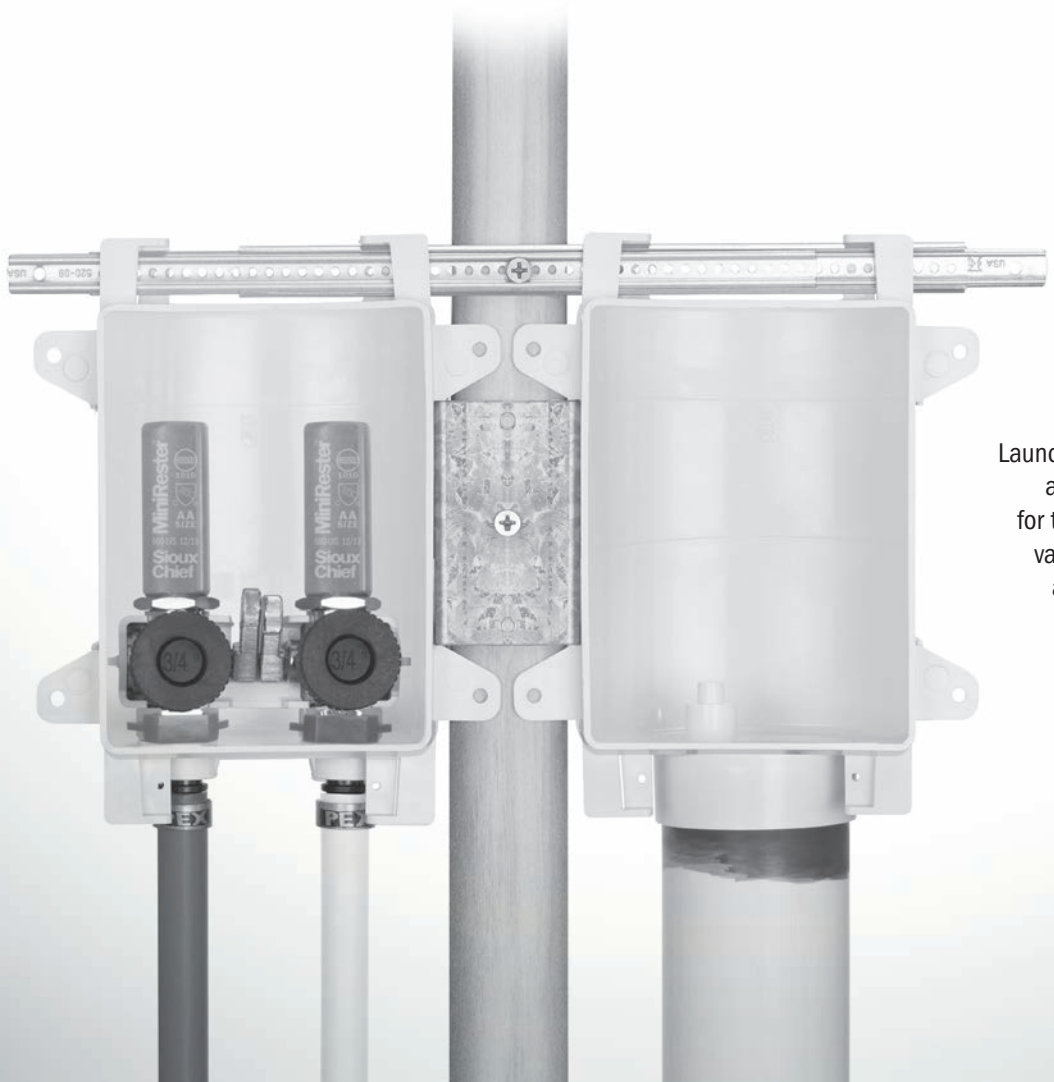
¾" Hose Outlet for Laundry

OxBox™

OxBox ONE™

OmniPanel™

ClassicBox™



Laundry outlet boxes provide easy access to water supply valves for the washing machine. A wide variety of inlet connections are available for easy hook-up in most supply systems.

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		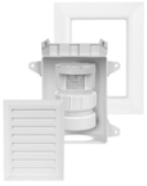		
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Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

OxBox™ 3/4" Outlet

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G2313CF	1/2" CPVC Male	BI	10	10
696-G2313MF	1/2" MIP/FSWT	BI	10	10
696-G2313PF	1/2" MSWT/Press/Push	BI	10	10
696-G2313VF	1/2" F3347 PEX	BI	10	10
696-G2313WF	1/2" F1960 PEX	BI	10	10
696-G2313XF	1/2" F1807 PEX	BI	10	10
	WITH FRAME - LEADED VALVE			
696-2313MF	1/2" MIP/FSWT	BI	10	10
696-2313WF	1/2" F1960 PEX	BI	10	10
696-2313XF	1/2" F1807 PEX	BI	10	10
	ROUGH-IN			
696-G2313CR	1/2" CPVC Male	BI	10	10
696-G2313ER	1/2" Everloc+	BI	10	10
696-G2313MR	1/2" MIP/FSWT	BI	10	10
696-G2313PR	1/2" MSWT/Press/Push	BI	10	10
696-G2313VR	1/2" F3347 PEX	BI	10	10
696-G2313WR	1/2" F1960 PEX	BI	10	10
696-G2313XR	1/2" F1807 PEX	BI	10	10
	ROUGH-IN - LEADED VALVE			
696-2313CR	1/2" CPVC Male	BI	10	10
696-2313MR	1/2" MIP/FSWT	BI	10	10
696-2313WR	1/2" F1960 PEX	BI	10	10
696-2313XR	1/2" F1807 PEX	BI	10	10

696-G2313MF

696-2313CR

OxBox™ 3/4" Outlet

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G2303CF	1/2" CPVC Male	BI	10	10
696-G2303MF	1/2" MIP/FSWT	BI	10	10
696-G2303PF	1/2" MSWT/Press/Push	BI	10	10
696-G2303VF	1/2" F3347 PEX	BI	10	10
696-G2303WF	1/2" F1960 PEX	BI	10	10
696-G2303XF	1/2" F1807 PEX	BI	10	10
	ROUGH-IN			
696-G2303CR	1/2" CPVC Male	BI	10	10
696-G2303ER	1/2" Everloc+	BI	10	10
696-G2303MR	1/2" MIP/FSWT	BI	10	10
696-G2303PR	1/2" MSWT/Press/Push	BI	1	10
696-G2303VR	1/2" F3347 PEX	BI	10	10
696-G2303WR	1/2" F1960 PEX	BI	10	10
696-G2303XR	1/2" F1807 PEX	BI	10	10

696-G2303MF

696-G2303CR

696RG2313WF

OxBox™ 3/4" Outlet, Fire-Rated

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696RG2313CF	1/2" CPVC Male	BI	10	10
696RG2313MF	1/2" MIP/FSWT	BI	10	10
696RG2313VF	1/2" F3347 PEX Press	BI	10	10
696RG2313WF	1/2" F1960 PEX	BI	10	10
696RG2313XF	1/2" F1807 PEX	BI	10	10
	WITH FRAME - LEADED			
696R2313WF	1/2" F1960 PEX	BI	10	10
696R2313XF	1/2" F1807 PEX	BI	10	10

696RG2303XF

OxBox™ 3/4" Outlet, Fire-Rated

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696RG2303CF	1/2" CPVC Male	BI	10	10
696RG2303MF	1/2" MIP/FSWT	BI	10	10
696RG2303WF	1/2" F1960 PEX	BI	10	10
696RG2303XF	1/2" F1807 PEX	BI	10	10

696-G2413WF

OxBox ONE™ 3/4" Outlet

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G2413VF	1/2" F3347	BI	10	10
696-G2413WF	1/2" F1960 PEX	BI	10	10
696-G2413XF	1/2" F1807 PEX	BI	10	10
	WITH FRAME - LEADED			
696-2413MF	1/2" MIP/FSWT	BI	10	10
696-2413WF	1/2" F1960 PEX	BI	10	10
696-2413XF	1/2" F1807 PEX	BI	10	10

696-G2403XF

OxBox ONE™ 3/4" Outlet

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G2403CF	1/2" CPVC Male	BI	10	10
696-G2403MF	1/2" MIP/FSWT	BI	10	10
696-G2403WF	1/2" F1960 PEX	BI	10	10
696-G2403XF	1/2" F1807 PEX	BI	10	10

OxBox ONE™ 3/4" Outlet, Fire-Rated

Arrester With Frame

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
696RG2413WF	1/2" F1960 PEX	BI	10	10

696RG2413WF

OxBox ONE™ 3/4" Outlet, Fire-Rated

Non-Arrester With Frame

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
696RG2403CF	1/2" CPVC Male	BI	10	10
696RG2403WF	1/2" F1960 PEX	BI	10	10
696RG2403XF	1/2" F1807 PEX	BI	10	10

696RG2403WF

OmniPanel™ 3/4" Outlet

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
698-A33ACR	1/2" CPVC	BI	10	10
698-A33AMR	1/2" MIP/FSWT	BI	10	10
698-A33APR	1/2" MSWT/Press/Push	BI	10	10
698-A33AWR	1/2" F1960 PEX	BI	10	10
698-A33AXR	1/2" F1807 PEX	BI	10	10

698-A33ACR

OmniPanel™ 3/4" Outlet

Non-Arrester

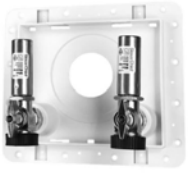
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
698-A33-CR	1/2" CPVC	BI	10	10
698-A33-MR	1/2" MIP/FSWT	BI	10	10
698-A33-PR	1/2" MSWT/Press/Push	BI	10	10
698-A33-WR	1/2" F1960 PEX	BI	10	10
698-A33-XR	1/2" F1807 PEX	BI	10	10

698-A33-CR

OmniPanel™ 3/4" Outlet, Fire-Rated

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
698RA33ACR	1/2" CPVC	BI	10	10



698RA33APR

688-G11WR

688-G10XR

ClassicBox™ 3/4" Outlet

Rough-In Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ARRESTER			
688-G11CR	1/2" CPVC Male	BI	10	10
688-G11MR	1/2" MIP/FSWT	BI	10	10
688-G11PR	1/2" MSWT/Press/Push	BI	10	10
688-G11VR	1/2" F3347 PEX Press	BI	10	10
688-G11WR	1/2" F1960 PEX	BI	10	10
688-G11XR	1/2" F1807 PEX	BI	10	10
	NON-ARRESTER			
688-G10CR	1/2" CPVC Male	BI	10	10
688-G10MR	1/2" MIP/FSWT	BI	10	10
688-G10PR	1/2" MSWT/Press/Push	BI	10	10
688-G10VR	1/2" F3347 PEX Press	BI	10	10
688-G10WR	1/2" F1960 PEX	BI	10	10
688-G10XR	1/2" F1807 PEX	BI	10	10

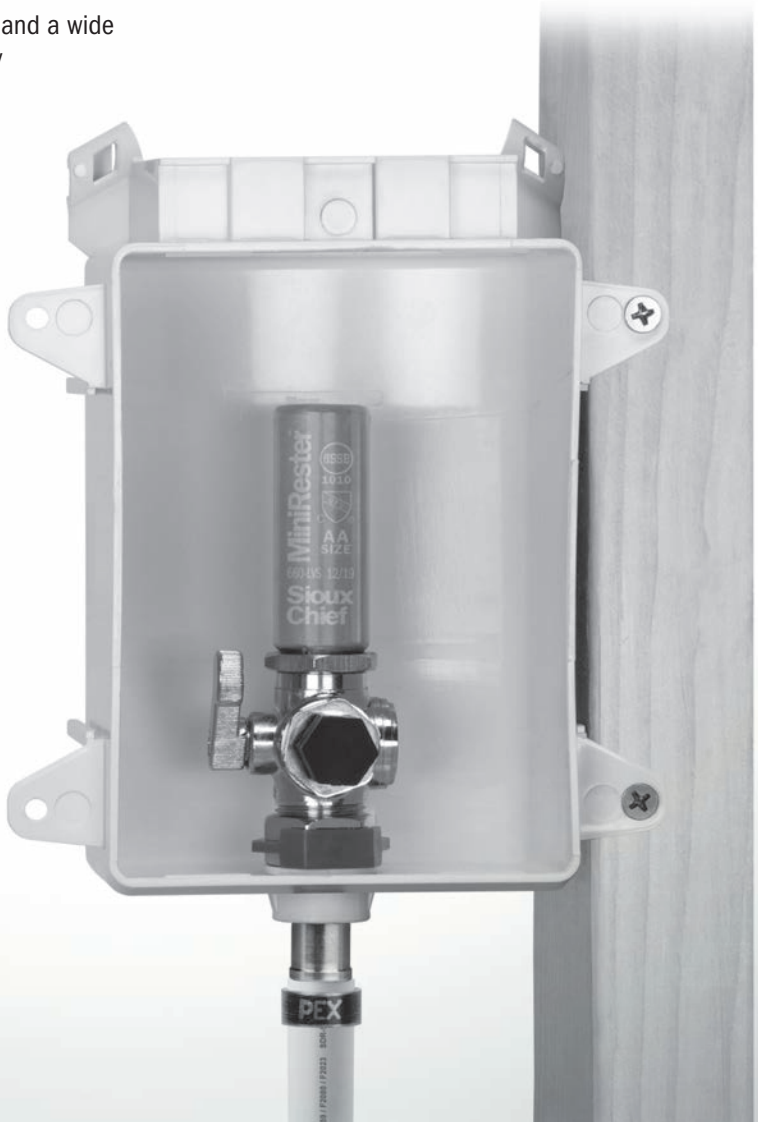
¼" Outlet for Ice Maker

OxBox™

ProPlate™

Ice maker outlet boxes and plates provide easy access to water supply valves.

Available with water hammer arrester protection and a wide variety of inlet connections are available for easy hook-up in most supply systems.



Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

OxBox™ 1/4" Outlet

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G1010CF	1/2" CPVC Male	BI	10	10
696-G1010MF	1/2" MIP/FSWT	BI	10	10
696-G1010VF	1/2" F3347 PEX Press	BI	10	10
696-G1010WF	1/2" F1960 PEX	BI	10	10
696-G1010XF	1/2" F1807 PEX	BI	10	10
	ROUGH IN			
696-G1010CR	1/2" CPVC Male	BI	10	10
696-G1010MR	1/2" MIP/FSWT	BI	10	10
696-G1010PR	1/2" MSWT/Press/Push	BI	10	10
696-G1010VR	1/2" F3347 PEX Press	BI	10	10
696-G1010WR	1/2" F1960 PEX	BI	10	10
696-G1010XR	1/2" F1807 PEX	BI	10	10
	WITH FRAME & 72" STAINLESS STEEL HOSE			
696-G1010XFS	1/2" F1807 PEX	BI	10	10

696-G1010CF

696-G1010WR

696-G1010XFS

OxBox™ 1/4" Outlet

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G1000CF	1/2" CPVC Male	BI	10	10
696-G1000MF	1/2" MIP/FSWT	BI	10	10
696-G1000PF	1/2" MSWT/Press/Push	BI	10	10
696-G1000VF	1/2" F3347 PEX Press	BI	10	10
696-G1000WF	1/2" F1960 PEX	BI	10	10
696-G1000XF	1/2" F1807 PEX	BI	10	10
	ROUGH-IN			
696-G1000CR	1/2" CPVC Male	BI	10	10
696-G1000MR	1/2" MIP/FSWT	BI	10	10
696-G1000WR	1/2" F1960 PEX	BI	10	10
696-G1000XR	1/2" F1807 PEX	BI	10	10
	INDIVIDUALLY BAR-CODED IN DISPLAY BOX			
696-G1000MFPK4	1/2" MIP/FSWT	BI	5	5
	WITH FRAME & 72" STAINLESS STEEL HOSE			
696-G1000XFS	1/2" F1807 PEX	BI	10	10

696-G1000XF

696-G1000CR

696-G1000MFPK4

696RG1010VF

OxBox™ 1/4" Outlet, Fire-Rated

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696RG1010CF	1/2" CPVC Male	BI	10	10
696RG1010MF	1/2" MIP/FSWT	BI	10	10
696RG1010PF	1/2" MSWT/Press/Push	BI	10	30
696RG1010VF	1/2" F3347 PEX Press	BI	10	10
696RG1010WF	1/2" F1960 PEX	BI	10	10
696RG1010XF	1/2" F1807 PEX	BI	10	10

696RG1000XF

OxBox™ 1/4" Outlet, Fire-Rated

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696RG1000CF	1/2" CPVC Male	BI	10	10
696RG1000MF	1/2" MIP/FSWT	BI	10	10
696RG1000VF	1/2" F3347 PEX Press	BI	10	10
696RG1000WF	1/2" F1960 PEX	BI	10	10
696RG1000XF	1/2" F1807 PEX	BI	10	10

699-A0-XR

ProPlate™ 1/4" Outlet

Rough-In Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
699-A0-CR	1/2" CPVC	BI	10	10
699-A0-MR	1/2" MIP/FSWT	BI	10	10
699-A0-PR	1/2" MSWT/Press/Push	BI	10	10
699-A0-WR	1/2" F1960 PEX	BI	10	10
699-A0-XR	1/2" F1807 PEX	BI	10	10

3/8" Outlet for Lav, Toilet or Dishwasher

ProPlate™

Single **OxBox™**

OmniPanel™

Dual **OxBox™**

Outlet boxes and plates provide easy access to 3/8" water supply valves for lavatory, toilet or dishwasher.

Available with water hammer arrester protection and a wide variety of inlet connections for easy hook-up in most supply systems.

Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

ProPlate™ 3/8" Outlet

Rough-In Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
699-A1-CR	1/2" CPVC	BI	10	10
699-A1-MR	1/2" MIP/FSWT	BI	10	10
699-A1-PR	1/2" MSWT/Press/Push	BI	10	10
699-A1-VR	1/2" F3347 PEX Press	BI	10	10
699-A1-WR	1/2" F1960 PEX	BI	10	10
699-A1-XR	1/2" F1807 PEX	BI	10	10
	EXTENDED VALVE			
699-A1ECR	1/2" CPVC	BI	10	10
699-A1EMR	1/2" MIP/FSWT	BI	10	10
699-A1EPR	1/2" MSWT/Press/Push	BI	10	10
699-A1EVR	1/2" F3347 PEX Press	BI	10	10
699-A1EWR	1/2" F1960 PEX	BI	10	10
699-A1EXR	1/2" F1807 PEX	BI	10	10

699-A1-XR

699-A1EMR

ProPlate™ 3/8" Outlet

Fire-Rated Rough-In Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
699RA1-VR	1/2" F3347 PEX	BI	10	10
699RA1-WR	1/2" F1960 PEX	BI	10	10
699RA1-XR	1/2" F1807 PEX	BI	10	10
	EXTENDED VALVE			
699RA1EWR	1/2" F1960 PEX	BI	10	10
699RA1EXR	1/2" F1807 PEX	BI	10	10

699RA1-XR

OxBox™ 3/8" Outlet-Single valve

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G1011CF	1/2" CPVC Male	BI	10	10
696-G1011MF	1/2" MIP/FSWT	BI	10	10
696-G1011PF	1/2" MSWT/Press/Push	BI	10	30
696-G1011VF	1/2" F3347 PEX Press	BI	10	10
696-G1011WF	1/2" F1960 PEX	BI	10	10
696-G1011XF	1/2" F1807 PEX	BI	10	10

696-G1011XF

696-G1001CF

696-G1001MR

OxBox™ 3/8" Outlet-Single valve

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G1001CF	1/2" CPVC Male	BI	10	10
696-G1001MF	1/2" MIP/FSWT	BI	10	10
696-G1001PF	1/2" MSWT/Press/Push	BI	10	10
696-G1001VF	1/2" F3347 PEX Press	BI	10	10
696-G1001WF	1/2" F1960 PEX	BI	10	10
696-G1001XF	1/2" F1807 PEX	BI	10	10
	ROUGH-IN			
696-G1001CR	1/2" CPVC Male	BI	10	10
696-G1001MR	1/2" MIP/FSWT	BI	10	10
696-G1001WR	1/2" F1960 PEX	BI	10	10
696-G1001XR	1/2" F1807 PEX	BI	10	10

696RG1001WF

OxBox™ 3/8" Outlet, Fire-Rated - Single Valve

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696RG1001CF	1/2" CPVC Male	BI	10	10
696RG1001MF	1/2" MIP/FSWT	BI	10	10
696RG1001VF	1/2" F3347 PEX Press	BI	10	30
696RG1001WF	1/2" F1960 PEX	BI	10	10
696RG1001XF	1/2" F1807 PEX	BI	10	10

698-A11APR

OmniPanel™ 3/8" Outlets

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
698-A11APR	1/2" MSWT/Press/Push	BI	10	10
698-A11AWR	1/2" F1960 PEX	BI	10	10
698-A11AXR	1/2" F1807 PEX	BI	10	10

OmniPanel™ 3/8" Outlets

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
698-A11-CR	1/2" CPVC	BI	10	10
698-A11-MR	1/2" MIP/FSWT	BI	10	10
698-A11-PR	1/2" MSWT/Press/Push	BI	10	10
698-A11-WR	1/2" F1960 PEX	BI	10	10
698-A11-XR	1/2" F1807 PEX	BI	10	10

698-A11-MR

OmniPanel™ 3/8" Outlets, Fire-Rated

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
698RA11-CR	1/2" CPVC	BI	10	10
698RA11-MR	1/2" MIP/FSWT	BI	10	10
698RA11-PR	1/2" MSWT/Press/Push	BI	10	10
698RA11-WR	1/2" F1960 PEX	BI	10	10
698RA11-XR	1/2" F1807 PEX	BI	10	10

698RA11-PR

OxBox™ 3/8" Outlets - Dual valve

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G2011CF	1/2" CPVC Male	BI	10	10
696-G2011MF	1/2" MIP/FSWT	BI	10	10
696-G2011VF	1/2" Viega PEX Press	BI	10	10
696-G2011WF	1/2" F1960 PEX	BI	10	10
696-G2011XF	1/2" F1807 PEX	BI	10	10

696-G2011XF

OxBox™ 3/8" Outlets - Dual valve

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696-G2001CF	1/2" CPVC Male	BI	10	10
696-G2001MF	1/2" MIP/FSWT	BI	10	10
696-G2001PF	1/2" MSWT/Press/Push	BI	10	10
696-G2001VF	1/2" F3347 PEX Press	BI	10	10
696-G2001WF	1/2" F1960 PEX	BI	10	10
696-G2001XF	1/2" F1807 PEX	BI	10	10

696-G2001MF

696-G2001WR

OxBox™ 3/8" Outlets - Dual valve (Cont)

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
696-G2001CR	1/2" CPVC Male	BI	10	10
696-G2001MR	1/2" MIP/FSWT	BI	10	10
696-G2001PR	1/2" MSWT/Press/Push	BI	10	10
696-G2001WR	1/2" F1960 PEX	BI	10	10
696-G2001XR	1/2" F1807 PEX	BI	10	10

696RG2011XF

OxBox™ 3/8" Outlets, Fire-Rated - Dual Valve

Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696RG2011MF	1/2" MIP	BI	10	30
696RG2011VF	1/2" F3347 PEX Press	BI	10	30

696RG2001XF

OxBox™ 3/8" Outlets, Fire-Rated - Dual Valve

Non-Arrester

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME			
696RG2001CF	1/2" CPVC Male	BI	10	10
696RG2001MF	1/2" MIP/FSWT	BI	10	10
696RG2001PF	1/2" MSWT/Press/Push	BI	10	10
696RG2001VF	1/2" F3347 PEX Press	BI	10	10
696RG2001WF	1/2" F1960 PEX	BI	10	10
696RG2001XF	1/2" F1807 PEX	BI	10	10

696-T2001XR

OxBox™ 3/8" Outlets, TMV, Dual Outlet

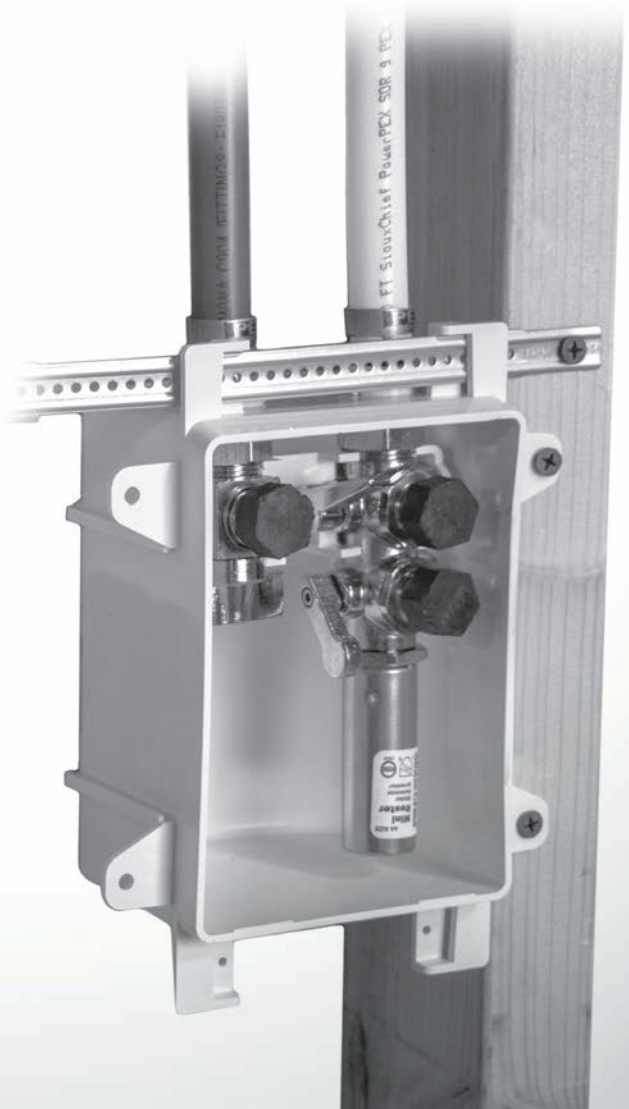
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN			
696-T2001CR	1/2" CPVC Male	BI	1	10
696-T2001PR	1/2" MSWT/Press/Push	BI	1	1
696-T2001WR	1/2" F1960 PEX	BI	1	10
696-T2001XR	1/2" F1807 PEX	BI	1	10
	REPAIR KITS			
120-TM3F-1	THERMOSTATIC MIX VLV SCREEN KIT, 2/BG	BI	1	500
120-TM3F-2	THERMOSTATIC MIX VLV PISTON REPAIR KIT, 2/BG	BI	1	300
120-TM3F-3	THERMOSTATIC MIX VLV CHECK VALVE REPAIR KIT, 2/BG	BI	1	500

Multiple Outlets for Kitchen Sink

OxBox™

The OxBox™ outlet box provides multiple combinations of 3/8" (sink/dishwasher) and 1/4" (ice maker) water supply valves for almost any kitchen water supply application.

Available with water hammer arrester protection and a wide variety of inlet connections are available for easy hook-up in most supply systems.



Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

OxBox™ 3/8" Outlets, Multi-Valve

3 Valve Rough-In Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	THREE 3/8" OUTLETS WITH HOT-SIDE ARRESTER			
696-G3011CR	1/2" CPVC Male - 2 × Hot, 1 × Cold	BI	10	10
696-G3011MR	1/2" FSWT / MIP - 2 × Hot, 1 × Cold	BI	10	10
696-G3011WR	1/2" F1960 PEX - 2 × Hot, 1 × Cold	BI	10	10
696-G3011XR	1/2" F1807 PEX - 2 × Hot, 1 × Cold	BI	10	10
	TWO 3/8" & ONE 1/4" OUTLET WITH COLD-SIDE ARRESTER			
696-G3014CR	1/2" Male CPVC - 1 X 3/8 Hot, 1 X 3/8 Cold, 1 X 1/4 Cold	BI	10	30
696-G3014PR	1/2" MSWT / Press / Push - 1 X 3/8 Hot, 1 X 3/8 Cold, 1 X 1/4 Cold	BI	10	30
696-G3014XR	1/2" F1807 PEX - 1 X 3/8 Hot, 1 X 3/8 Cold, 1 X 1/4 Cold	BI	10	30
	THREE 3/8" OUTLETS WITH DUAL ARRESTERS			
696-G3021MR	1/2" FSWT / MIP - 2 X Hot, 1 X Cold	BI	10	30
696-G3021WR	1/2" F1960 PEX - 2 × Hot, 1 × Cold	BI	10	10
	TWO 3/8" & ONE 1/4" OUTLET WITH DUAL ARRESTERS			
696-G3024CR	1/2" Male CPVC - 1 × 3/8 Hot, 1 × 3/8 Cold, 1/4 Cold	BI	10	30
696-G3024MR	1/2" FSWT / MIP - 1 × 3/8 Hot, 1 × 3/8 Cold, 1/4 Cold	BI	10	30
696-G3024WR	1/2" F1960 PEX - 1 × 3/8 Hot, 1 × 3/8 Cold, 1/4 Cold	BI	10	30
696-G3024XR	1/2" F1807 PEX - 1 × 3/8 Hot, 1 × 3/8 Cold, 1/4 Cold	BI	10	30

696-G3011WR

696-G3021WR

696-G3024WR

OxBox™ 3/8" Outlets, Multi-Valve

4 Valve Rough-In Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FOUR 3/8" OUTLETS WITH DUAL ARRESTERS			
696-G4021CR	1/2" Male CPVC - 2 × Hot, 2 × Cold	BI	10	10
696-G4021MR	1/2" FSWT / MIP - 2 × Hot, 2 × Cold	BI	10	30
696-G4021XR	1/2" F1807 PEX - 2 × Hot, 2 × Cold	BI	10	30
	THREE 3/8" & ONE 1/4" OUTLET WITH DUAL ARRESTERS			
696-G4024CR	1/2" Male CPVC - 2 × 3/8 Hot, 1 × 3/8 Cold, 1 × 1/4 Cold	BI	10	10
696-G4024MR	1/2" FSWT / MIP - 2 × 3/8 Hot, 1 × 3/8 Cold, 1 × 1/4 Cold	BI	10	30
696-G4024PR	1/2" MSWT / Press / Push - 2 × 3/8 Hot, 1 × 3/8 Cold, 1 × 1/4 Cold	BI	10	30
696-G4024XR	1/2" F1807 PEX - 2 × 3/8 Hot, 1 × 3/8 Cold, 1 × 1/4 Cold	BI	10	30

696-G4021WR

696-G4024WR

OxBox™ 3/8" Outlets, Multi-Valve

3 Valve With Frame Fire-Rated Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	THREE 3/8" OUTLETS WITH HOT-SIDE ARRESTER			
696RG3011PF	1/2" MSWT / Press / Push - 2 × Hot, 1 × Cold	BI	10	10
696RG3011WF	1/2" F1960 PEX - 2 × Hot, 1 × Cold	BI	10	10
696RG3011XF	1/2" F1807 PEX - 2 × Hot, 1 × Cold	BI	10	10

696-G3011WF

696RG4021WF

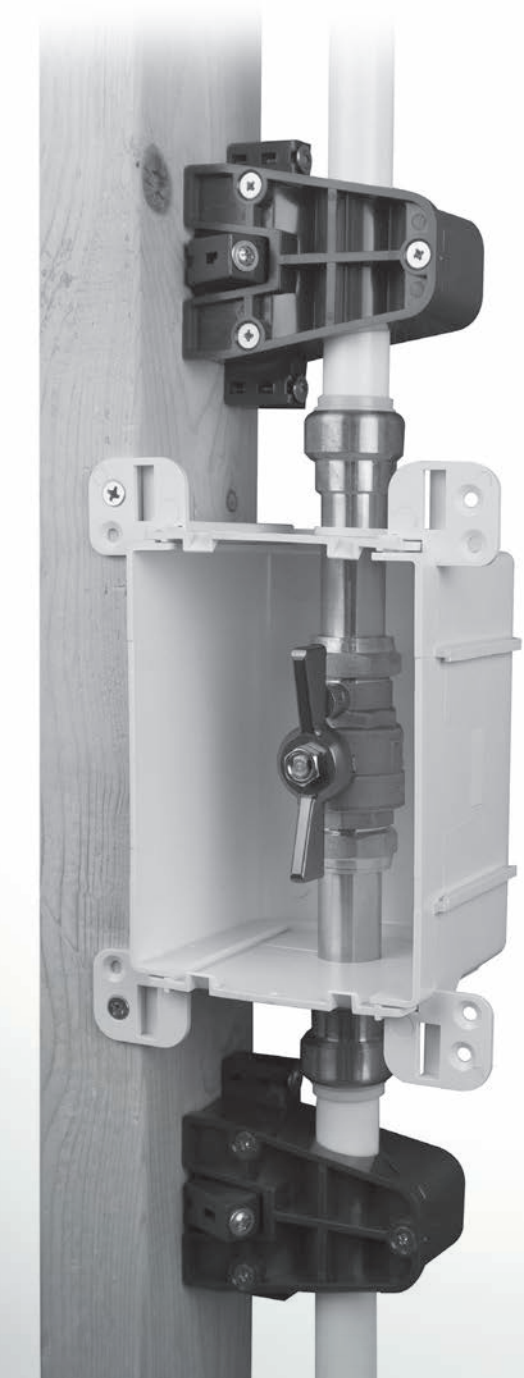
OxBox™ 3/8" Outlets, Multi-Valve

4 Valve With Frame Fire-Rated Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FOUR 3/8" OUTLETS WITH DUAL ARRESTERS			
696RG4021MF	1/2" FSWT / MIP - 2 × Hot, 2 × Cold	BI	10	30
696RG4021WF	1/2" F1960 PEX - 2 X Hot, 2 X Cold	BI	10	30
	THREE 3/8" & ONE 1/4" OUTLET WITH DUAL ARRESTERS			
696RG4024XF	1/2" F1807 PEX - 2 × 3/8 Hot, 1 × 3/8 Cold, 1 × 1/4 Cold	BI	10	10

Water Service: Single-Valve

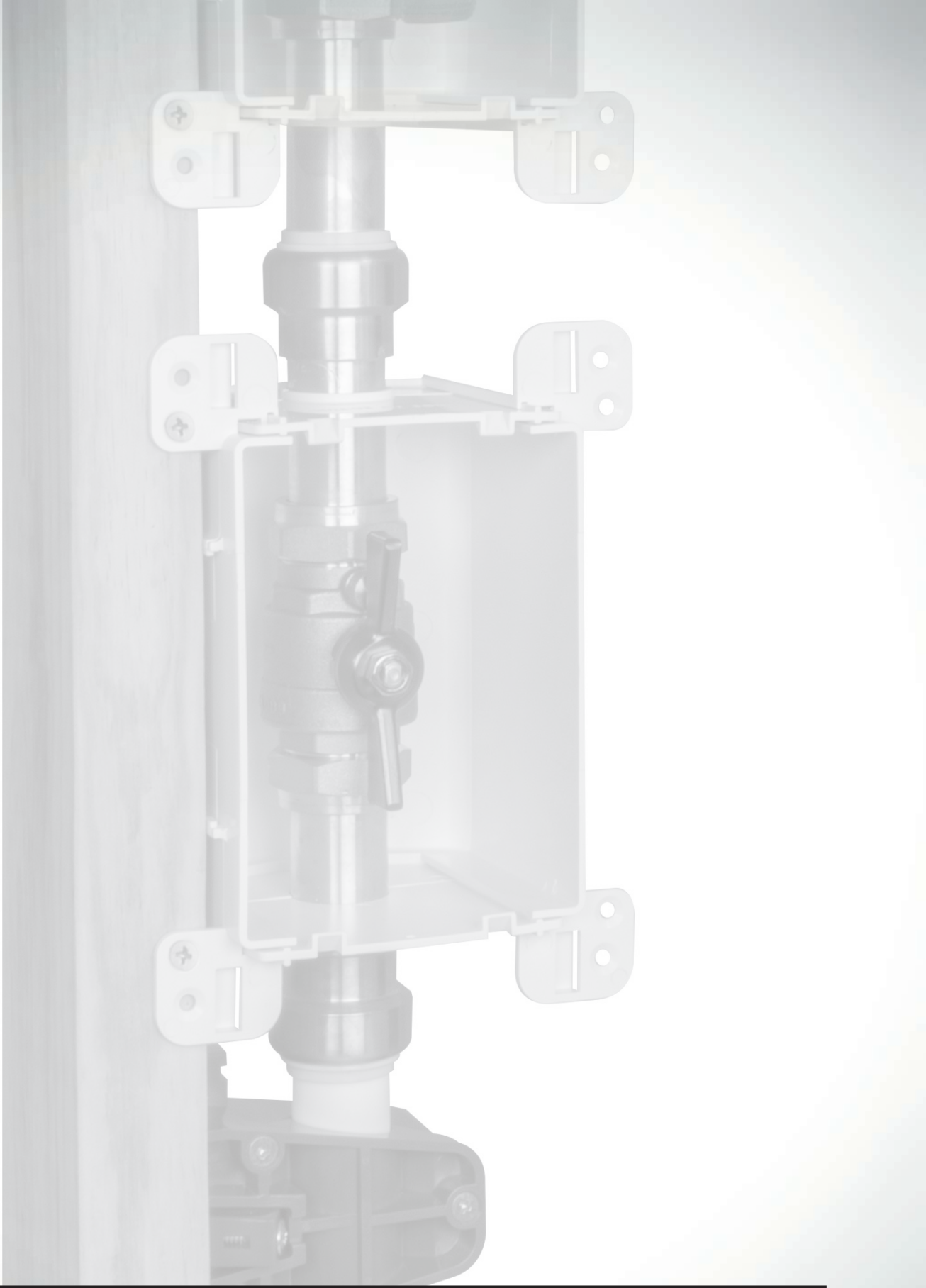
ServiceBox™



The water service single-valve box is perfect for use as a main shut-off for the dwelling, or install it anywhere a single, accessible valve is needed in the system.

Capped outlet port behind handle makes it easy to drain-down the system when valve is shut off.

Every ServiceBox™ is approved for fire-rated applications. They can be installed in shared or rated walls with no need to fire-caulk or box around with drywall



Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products made from 'Copper' or 'NL/DZR' material comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

ServiceBox™ - Single Valve

Full-Port Valve With Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC			
687-2CD	1/2" CPVC Socket X 1/2" CPVC Socket	BI	1	9
687-3CD	3/4" CPVC Socket X 3/4" CPVC Socket	BI	1	9
687-4CD	1" CPVC Socket X 1" CPVC Socket	BI	1	9
687-5CD	1-1/4" CPVC Socket X 1-1/4" CPVC Socket	BI	1	9
	MALE SWEAT - PUSH / PRESS COMPATIBLE			
687-2PD	1/2" MSWT/Press/Push × 1/2" MSWT/Press/Push	BI	1	9
687-3PD	3/4" MSWT/Press/Push × 3/4" MSWT/Press/Push	BI	1	9
687-4PD	1" MSWT/Press/Push × 1" MSWT/Press/Push	BI	1	9
687-5PD	1-1/4" MSWT/Press/Push × 1-1/4" MSWT/Press/Push	BI	1	9
	PDQ™ PUSH FIT			
687-2QD	1/2" Push (CTS) Socket X 1/2" Push (CTS) Socket	BI	1	9
687-3QD	3/4" Push (CTS) Socket X 3/4" Push (CTS) Socket	BI	1	9
687-4QD	1" Push (CTS) Socket × 1" Push (CTS) Socket	BI	1	9
687-5QD	1-1/4" Push (CTS) Socket X 1-1/4" Push (CTS) Socket	BI	1	9
	F1960			
687-2WD	1/2" PEX F1960 × 1/2" PEX F1960	BI	1	9
687-3WD	3/4" PEX F1960 X 3/4" PEX F1960	BI	1	9
687-4WD	1" PEX F1960 X 1" PEX F1960	BI	1	9
687-5WD	1-1/4" PEX F1960 X 1-1/4" PEX F1960	BI	1	9
	F1807			
687-2XD	1/2" PEX F1807 X 1/2" PEX F1807	BI	1	9
687-3XD	3/4" PEX F1807 X 3/4" PEX F1807	BI	1	9
687-4XD	1" PEX F1807 X 1" PEX F1807	BI	1	9
687-5XD	1-1/4" PEX F1807 X 1-1/4" PEX F1807	BI	1	9
	IPS PUSH FITTING × CTS PUSH FITTING			
687-3SQD	3/4" Push (IPS) Socket X 3/4" Push (CTS) Socket	BI	1	9
687-4SQD	1" Push (IPS) Socket X 1" Push (CTS) Socket	BI	1	9
	CPVC INLET × F1960 OUTLET			
687-3CWD	3/4" CPVC Socket X 3/4" PEX F1960	BI	1	9
687-4CWD	1" CPVC Socket X 1" PEX F1960	BI	1	9
	CPVC INLET × F1807 OUTLET			
687-3CXD	3/4" CPVC Socket X 3/4" PEX F1807	BI	1	9
687-4CXD	1" CPVC Socket X 1" PEX F1807	BI	1	9
	REPLACEMENT VALVES			
648-4UD	VALVE W/PORT 1 NPSM X 1 NPSM	BI	5	5

687-4QD

687-3XD

687-3CWD

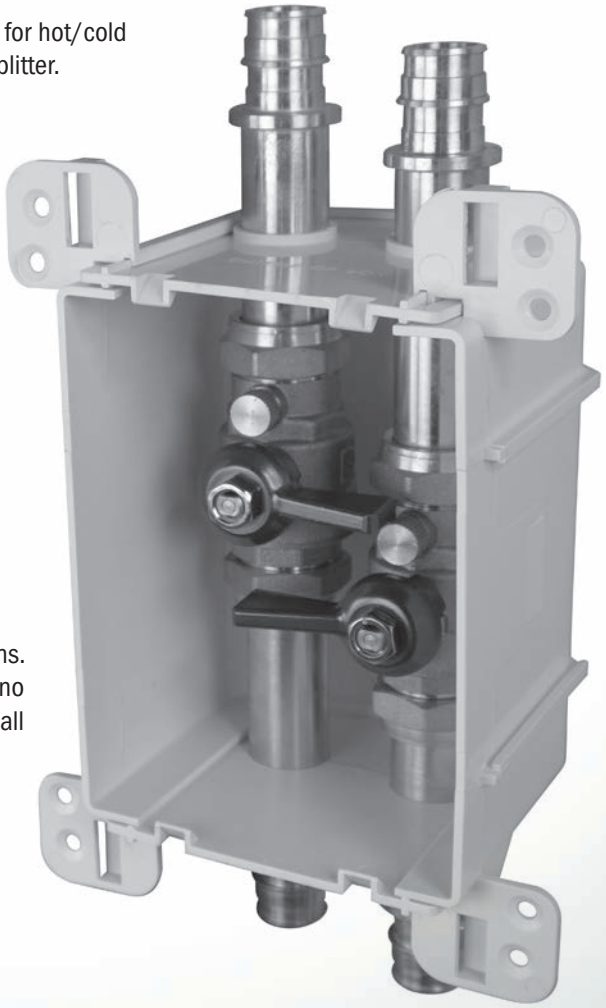
Notes:

Water Service: Dual-Valve

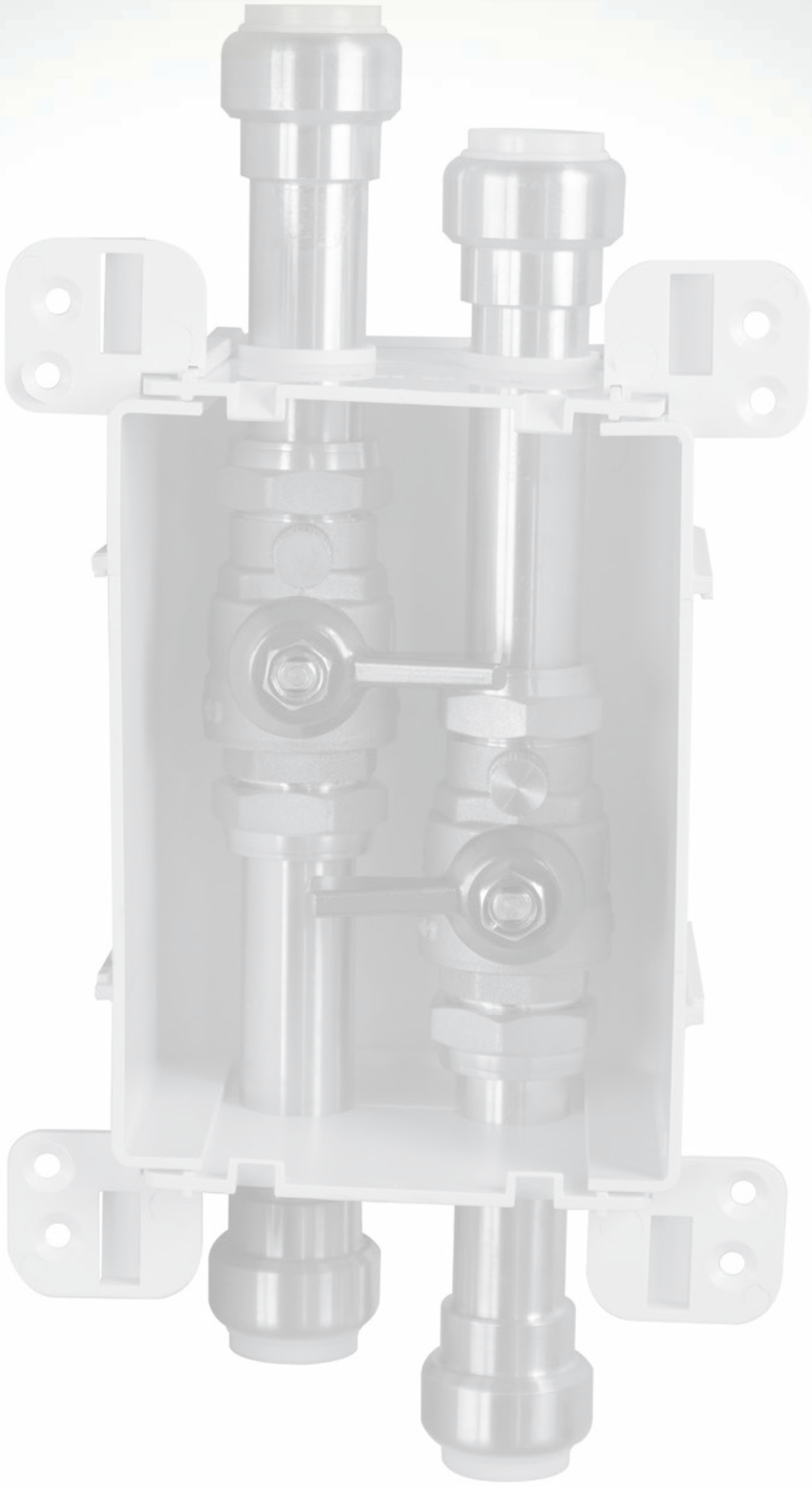
ServiceBox™

The dual-valve ServiceBox™ works well as a secondary shut-off for hot/cold mains, remote bathrooms or for separating lines using a wye splitter.

Anodized aluminum T-handles are easy to operate and corrosion-resistant



Every ServiceBox™ is approved for fire-rated applications. They can be installed in shared or rated walls with no need to fire-caulk or box around with drywall



Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

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ServiceBox™ - Dual Valve

Full-Port Valves With Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PDQ™ PUSH FIT			
687-2QDT	1/2" Push (CTS) Socket X 1/2" Push (CTS) Socket	BI	1	9
687-3QDT	3/4" Push (CTS) Socket X 3/4" Push (CTS) Socket	BI	1	9
	F1960			
687-2WDT	1/2" PEX F1960 X 1/2" PEX F1960	BI	1	9
687-3WDT	3/4" PEX F1960 X 3/4" PEX F1960	BI	1	9
	F1807			
687-2XDT	1/2" PEX F1807 X 1/2" PEX F1807	BI	1	9
687-3XDT	3/4" PEX F1807 X 3/4" PEX F1807	BI	1	9

687-3QDT

687-3XDT

Notes:

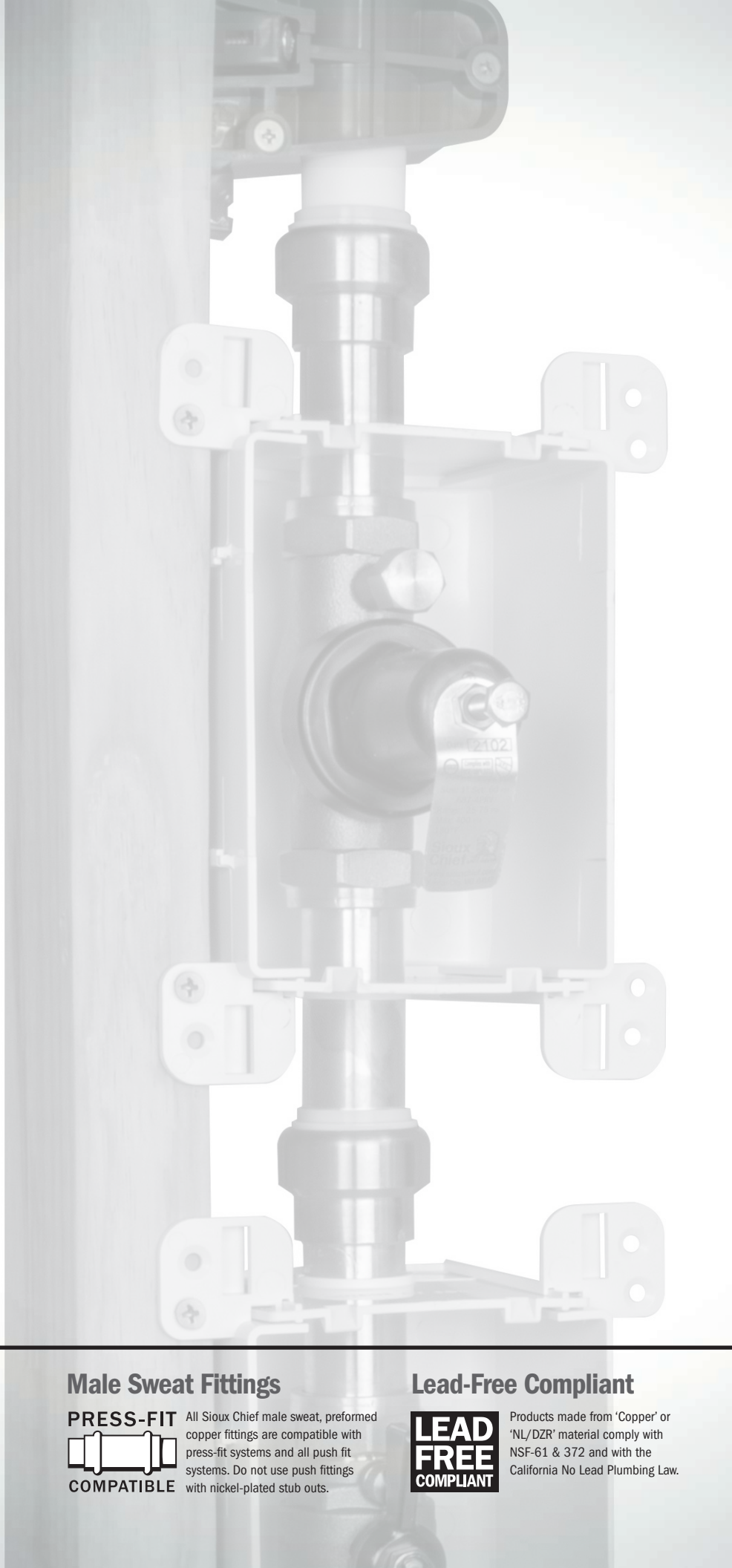
Pressure Reducing Valve

ServiceBox™

The ServiceBox™ with pressure-reducing valve is typically installed downstream of the main shut-off and helps protect fixtures from excessive pressures coming in from the water service.

Optional capped outlet port is perfect for installing accessories like a ball valve for hose connection, or an adapter for hooking up a pressure gauge.

Every ServiceBox™ is approved for fire-rated applications. They can be installed in shared or rated walls with no need to fire-caulk or box around with drywall



Male Sweat Fittings

PRESS-FIT
COMPATIBLE

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ServiceBox™ - Pressure Reducing Valve

with Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT - PUSH / PRESS COMPATIBLE × PDQ™ PUSH FIT			
687-3RPQD	3/4" MSWT/Press/Push × 3/4" Push (CTS) Socket - with Port	BI	1	9
687-4RPQD	1" MSWT/Press/Push × 1" Push (CTS) Socket - with Port	BI	1	9
	PDQ™ PUSH FIT × PDQ™ PUSH FIT			
687-3RQQD	3/4" Push (CTS) Socket x 3/4" Push (CTS) Socket - with Port	BI	1	9
687-4RQQD	1" Push (CTS) Socket X 1" Push (CTS) Socket - with Port	BI	1	9
	F1960 × F1960			
687-3RWWD	3/4" PEX F1960 X 3/4" PEX F1960 - with Port	BI	1	9
687-4RWWD	1" PEX F1960 X 1" PEX F1960 - with Port	BI	1	9
	F1807 × F1807			
687-3RXXD	3/4" PEX F1807 X 3/4" PEX F1807 - with Port	BI	1	9
687-4RXXD	1" PEX F1807 X 1" PEX F1807 - with Port	BI	1	9

687-4RPQD

687-3RWWD

ServiceBox™ - Pressure Reducing Valve

Less Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT/PRESS/PUSH COMPATIBLE × PDQ™ PUSH FIT			
687-3RPQ	3/4" MSWT/Press/Push × 3/4" Push (CTS) Socket	BI	1	9
687-4RPQ	1" MSWT/Press/Push × 1" Push (CTS) Socket	BI	1	9
	PDQ™ PUSH FIT × PDQ™ PUSH FIT			
687-3RQQ	3/4" Push (CTS) Socket X 3/4" Push (CTS) Socket	BI	1	9
687-4RQQ	1" Push (CTS) Socket X 1" Push (CTS) Socket	BI	1	9
	F1960 × F1960			
687-3RWW	3/4" PEX F1960 X 3/4" PEX F1960	BI	1	9
687-4RWW	1" PEX F1960 X 1" PEX F1960	BI	1	9
	F1807 × F1807			
687-3RXX	3/4" PEX F1807 X 3/4" PEX F1807	BI	1	9
687-4RXX	1" PEX F1807 X 1" PEX F1807	BI	1	9

687-4RQQ

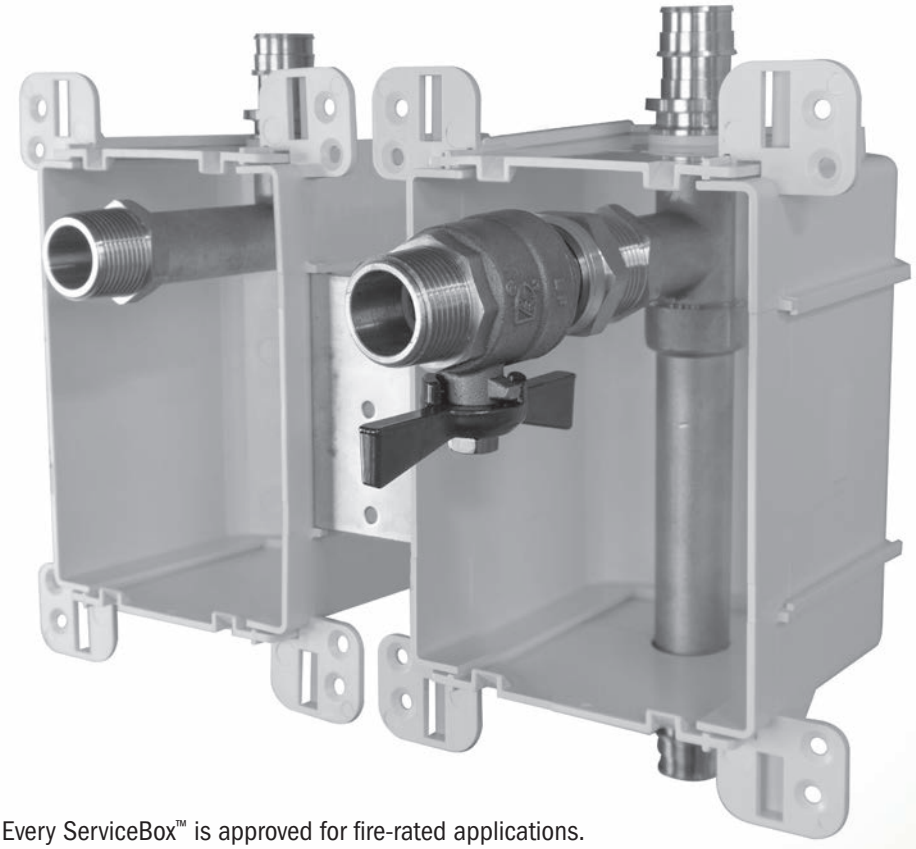
687-3RXX

Notes:

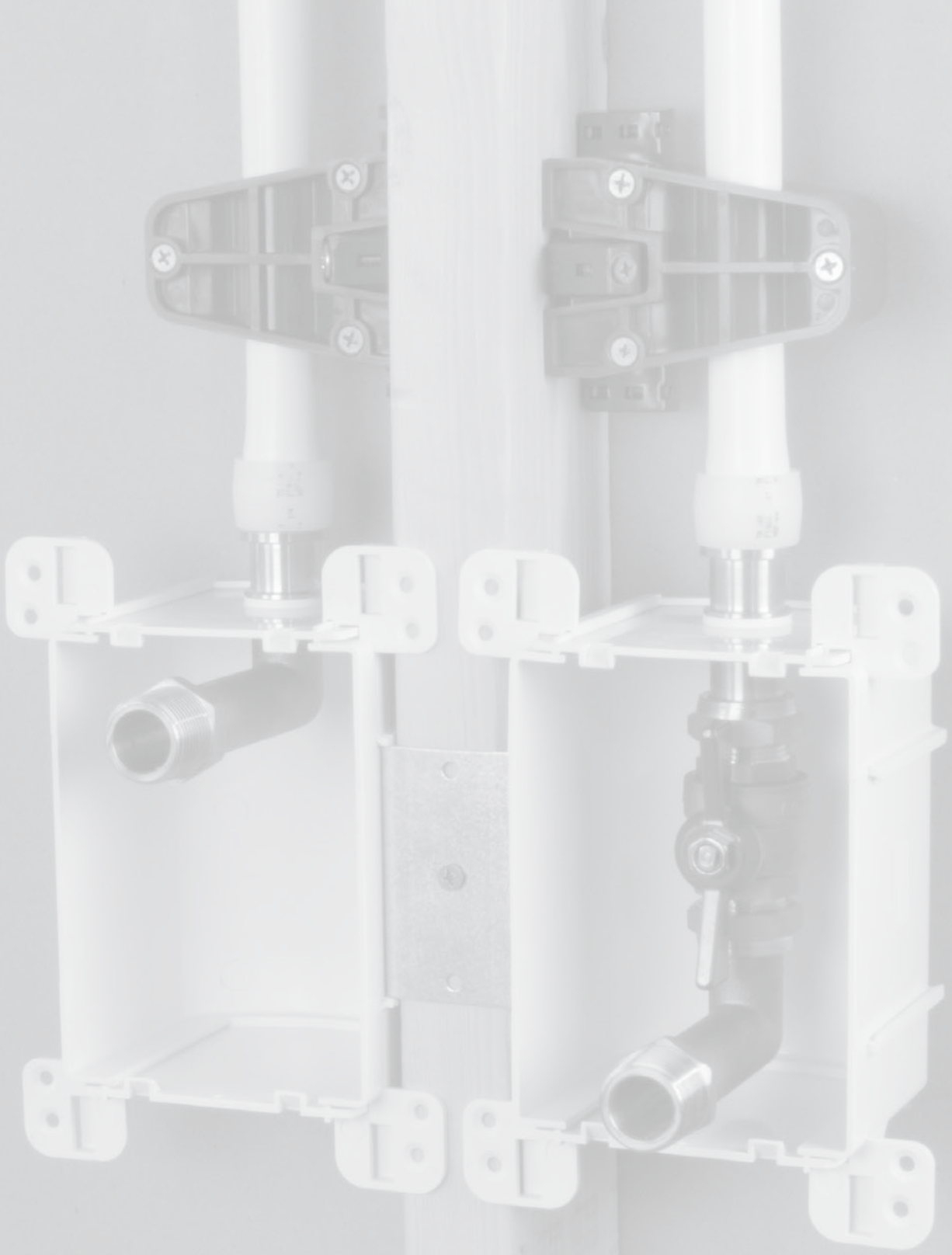
Water Heater Outlet

ServiceBox™

Two types of water heater access boxes are available, depending on the application, and preferred installation method. The 'Flow-Through' model includes a bypass on the cold outlet (behind the valve), and the 'Termination' model includes a single, valved, cold-side elbow outlet, and a single hot-side elbow inlet.



Every ServiceBox™ is approved for fire-rated applications. They can be installed in shared or rated walls with no need to fire-caulk or box around with drywall



Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

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ServiceBox™ - Water Heater

Flow-Thru with Cold-Side valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT - PUSH / PRESS COMPATIBLE			
687-3PH	3/4" MSWT/Press/Push	BI	1	6
	PDQ™ PUSH FIT			
687-3QH	3/4" Push (CTS) Socket	BI	1	6
	F1960			
687-3WH	3/4" PEX F1960	BI	1	6
	F1807			
687-3XH	3/4" PEX F1807	BI	1	6
	CPVC			
687-3CH	3/4" CPVC Socket	BI	1	6

687-3PH

687-3CH

ServiceBox™ - Water Heater

Termination with Cold-Side valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MALE SWEAT - PUSH / PRESS COMPATIBLE			
687-3PH2	3/4" MSWT/Press/Push	BI	1	6
	PDQ™ PUSH FIT			
687-3QH2	3/4" Push (CTS) Socket	BI	1	6
	F1960			
687-3WH2	3/4" PEX F1960	BI	1	6
	F1807			
687-3XH2	3/4" PEX F1807	BI	1	6
	CPVC			
687-3CH2	3/4" CPVC Socket	BI	1	6

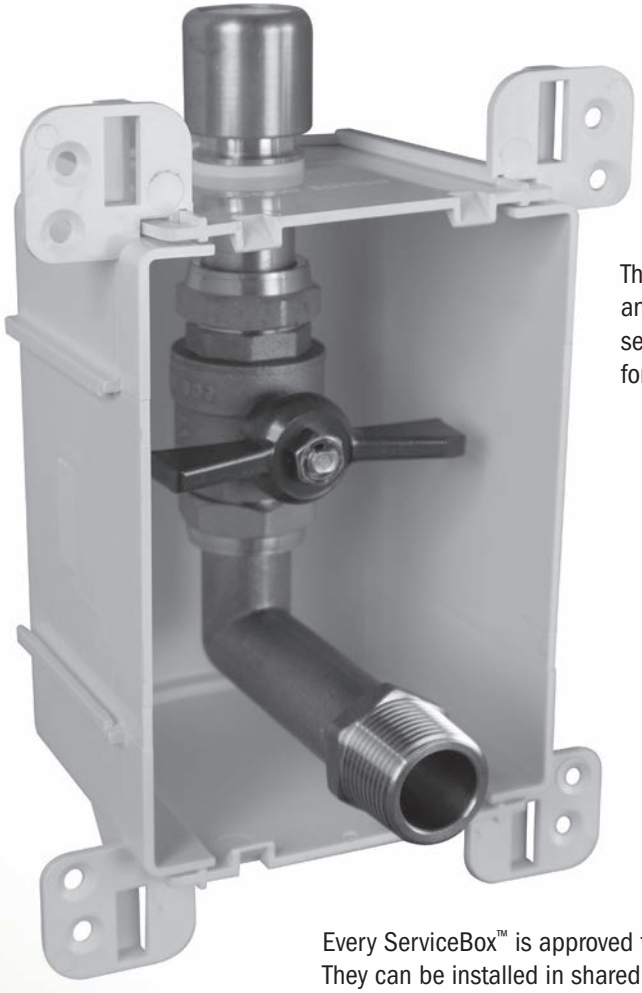
687-3QH2

687-3XH2

Notes:

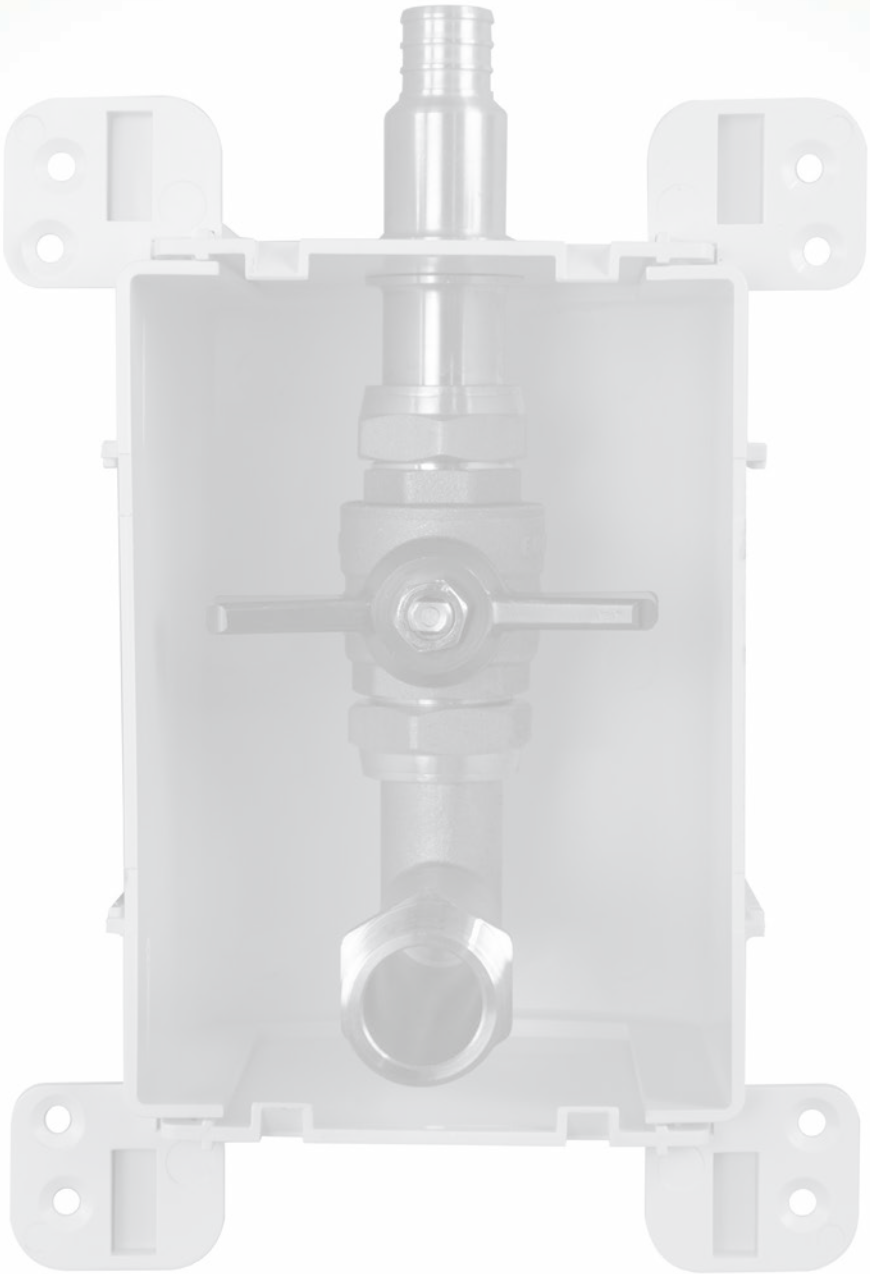
Termination Outlet

ServiceBox™



The water service termination outlet is perfect for any application where you need valved water service – in the garage/barn/shed, or for connecting an appliance.

Every ServiceBox™ is approved for fire-rated applications. They can be installed in shared or rated walls with no need to fire-caulk or box around with drywall



Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

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ServiceBox™ - Single Valve Termination Outlet

Full-Port Valve with MIP Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC			
687-3CV	3/4" CPVC Socket x 3/4" MIP Outlet	BI	1	8
	MALE SWEAT - PUSH / PRESS COMPATIBLE			
687-3PV	3/4" MSWT/Press/Push x 3/4" MIP Outlet	BI	1	8
	PDQ™ PUSH FIT			
687-3QV	3/4" Push (CTS) x 3/4" MIP Outlet	BI	1	8
	F1960			
687-3WV	3/4" PEX F1960 x 3/4" MIP Outlet	BI	1	8
	F1807			
687-3XV	3/4" PEX F1807 x 3/4" MIP Outlet	BI	1	8

687-3CV

687-3PV

Notes:

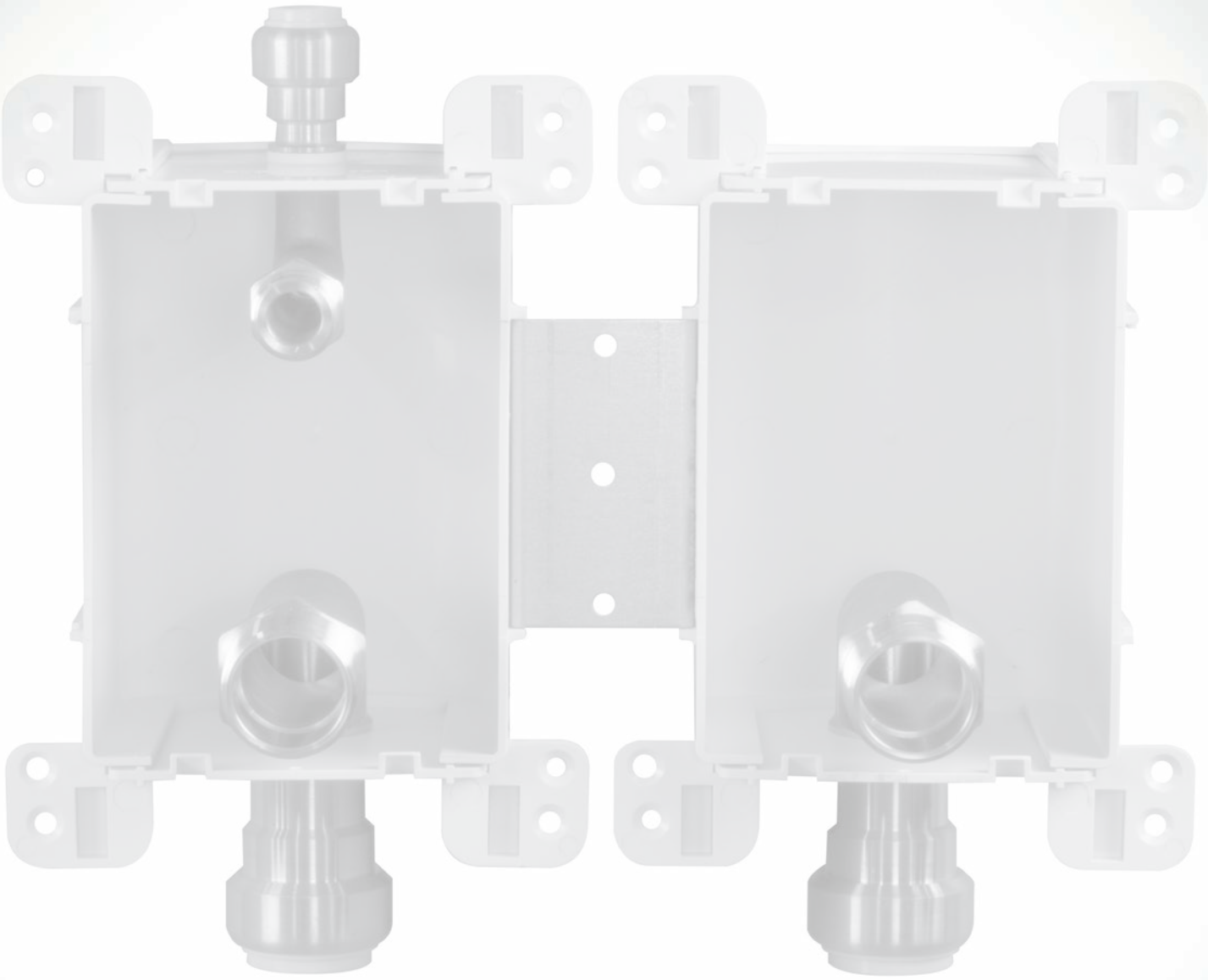
Water Softener Outlet

ServiceBox™

Replace costly, site-fabricated assemblies and loops with a single, easy-to-install product. Provides Hard-Water-In, Soft-Water-Out, and brine discharge connections for water softener hookup in a clean, compact access box.

Optional 3/4" or 1" MIP thread outlets provide ample flow to and from the unit. Outlets are capped and ready for pressure test

Every ServiceBox™ is approved for fire-rated applications. They can be installed in shared or rated walls with no need to fire-caulk or box around with drywall



Male Sweat Fittings

PRESS-FIT
COMPATIBLE

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Lead-Free Compliant

LEAD FREE COMPLIANT

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ServiceBox™ - Water Softener Outlet

with MIP Connections

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CPVC			
687-332CB	3/4" CPVC Socket (2) w/ 1/2" CPVC Socket (1)	BI	1	8
	MIP			
687-332MB	3/4" MIP/F.SWT (2) w/ 1/2" MIP/F.SWT (1)	BI	1	8
	PDQ™ PUSH FIT			
687-332QB	3/4" Push (CTS) Socket (2) w/ 1/2" Push (CTS) Socket	BI	1	8
687-442QB	1" Push (CTS) Socket (2) w/ 1/2" Push (CTS) Socket (1)	BI	1	6
	F1960			
687-332WB	3/4" F1960 (2) w/ 1/2" F1960 (1)	BI	1	8
687-442WB	1" F1960 (2) w/ 1/2" F1960 (1)	BI	1	6
	F1807			
687-332XB	3/4" F1807 (2) w/ 1/2" F1807 (1)	BI	1	8
687-442XB	1" F1807 (2) w/ 1/2" F1807 (1)	BI	1	6

687-442QB

687-332CB

Notes:

Gas Service

OxBox™

Gas service outlet boxes provide easy access to shut-off valves for stoves, clothes dryers, or any gas appliance.

OxBox™ Gas

Outlet Box

696-1020GF

· CSST box requires box adapter from CSST manufacturer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME - LEADED			
696-1020GF	1/2" FIP Valve For CSST Connection, Bagged	BI	6	6
696-1021GF	1/2" NPT Valve And Adapter For Iron Pipe, Bagged	BI	6	6
696-1031GF	3/4" NPT Valve And Adapter For Iron Pipe, Bagged	BI	6	6

OxBox™ Gas

Fire-Rated Outlet Box

696R1021GF

· CSST box requires box adapter from CSST manufacturer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH FRAME - LEADED			
696R1020GF	1/2" FIP Valve For CSST Connection, Bagged	BI	10	10
696R1021GF	1/2" NPT Valve And Adapter For Iron Pipe, Bagged	BI	10	10
696R1031GF	3/4" NPT Valve And Adapter For Iron Pipe, Bagged	BI	10	10

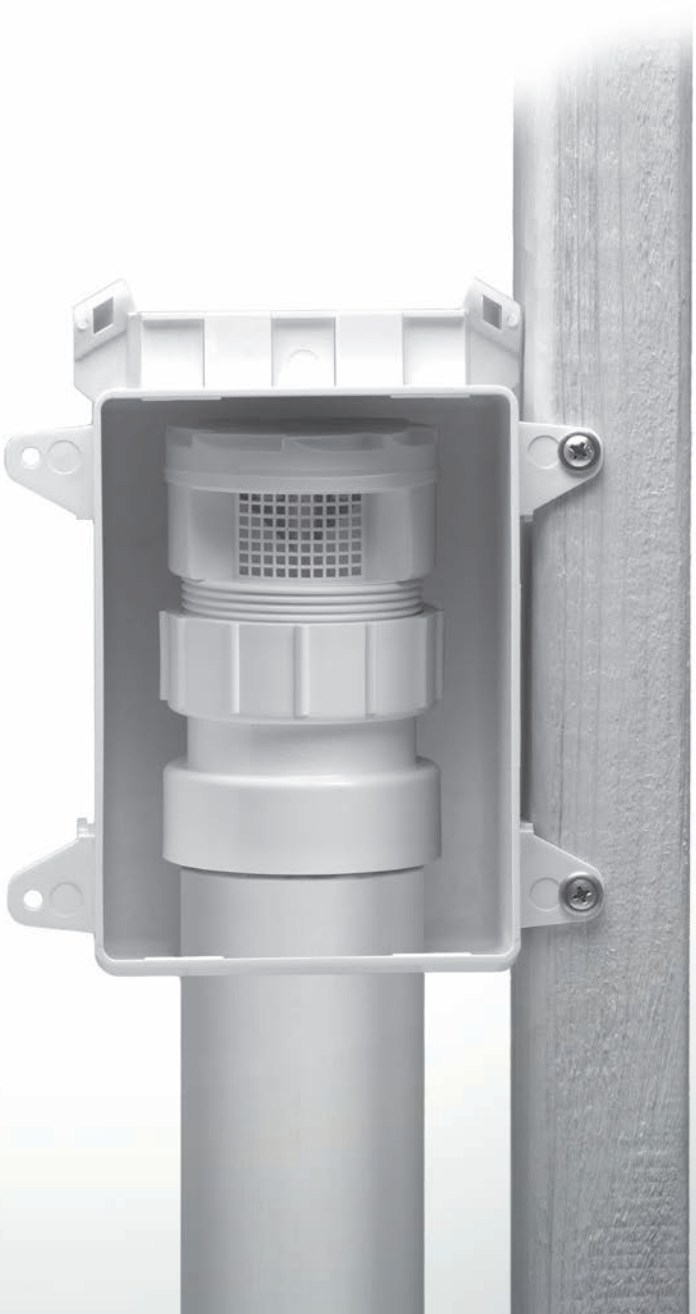
Notes:

Air Admittance Valve Box

OxBox™

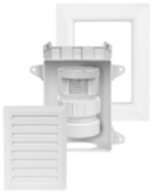
Access boxes are typically required when installing air admittance valves in a stud wall. The OxBox™ provides necessary air flow to the valve and allows for inspection, maintenance or replacement of the valve.

For a less obtrusive look, paintable frames and louvered covers help fixtures blend with wall colors.



OxBox™ TurboVent™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PVC CONNECTION - WITH FRAME			
250-696122P	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter & OxBox™ Kit	BI	6	6
696-11P	TurboVent™ AAV w/ 1-1/2" Hub Adapter & OxBox™ Kit	BI	6	6
696-12P	TurboVent™ AAV w/ 2" Hub Adapter & OxBox™ Kit	BI	6	6
	ABS CONNECTION - WITH FRAME			
250-696122A	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter	BI	6	6
696-11A	TurboVent™ AAV w/ 1-1/2" Hub Adapter & OxBox™ Kit	BI	1	6
696-12A	TurboVent™ AAV w/ 2" Hub Adapter & OxBox™ Kit	BI	1	6



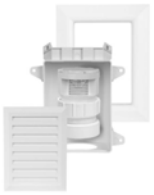
250-696122P

696-11A

OxBox™ TurboVent™

Fire-Rated Outlet

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PVC CONNECTION - WITH FRAME			
250-696R122P	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter & Fire Rated OxBox™ Kit	BI	1	6
	ABS CONNECTION - WITH FRAME			
250-696R122A	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter & Fire Rated OxBox™ Kit	BI	1	6



250-696R122P

250-696R122A

Notes:

Outlet Box Accessories

Boxes

Debris Covers

Frames, Inserts & Extensions

Clips, Brackets & Supports

Secondary Drainage Funnel

Valves & Fittings

Line Spitters

Access Tools

Boxes

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	OXBOX™			
696-1	One-Hole Supply Box	B	10	10
696-2	Two-Hole Supply Box	B	10	10
696-3	Drain Box	B	10	10
696-3F	Drain Box w/ Single Frame	B	10	10
696-4	One-Hole Supply Box/Gas	B	10	10
696-5	1-5/16" One-Hole Supply Box For Large Shank Valves	B	10	10
696-6	1-1/2" One-Hole Box For DWV Pipe	B	10	10
696-7	OxBox – Single Box w/ Hole For 2" Sch. 40 Pipe	B	10	10
696R3	Drain Box w/ Fire Pad And Frame	BI	10	10
	CLASSICBOX™			
688-1	ClassicBox™ Box Only	B	10	10

696-3

688-1

Debris Covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PROPLATE™			
699-DC	Debris Cover For ProPlate™	B	10	10
	OMNIPANEL™			
698-DC	Debris Cover For OmniPanel™	B	24	24

699-DC

698-DC

Frames, Inserts, & Extensions

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	OXBOX™			
696-1F	Single Frame For OxBox™	B	10	10
696-2F	Double Frame For OxBox™	B	10	10
696-EX	Frame Extension	B	10	10
696-LC	Louvered Frame Insert	B	10	10
696-SC	Solid Frame Insert	B	10	10
696-SC1	Solid Frame Insert w/ Valve Cutout	B	10	10
697-1FL	Ss Locking Door w/ Frame	B	10	10
	SERVICEBOX™			
687-1F	Single Frame For ServiceBox™ - Fire Rated	B	10	10
	CLASSICBOX™			
688-F	ClassicBox™ Plastic Box Frame	B	10	10

696-2F

688-F

Frames, Inserts, & Extensions (Cont)

699-FC

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PROPLATE™			
699-FC	Chrome-Plated Escutcheon For ProPlate™ - Fire-Rated ABS, 1/Bag	BI	10	200
699RF	White Escutcheon For ProPlate™ – Paintable, Fire-Rated ABS	B	10	10
	OMNIPANEL™			
698-EX	OmniPanel™ Frame Extension	B	10	10
698-F	OmniPanel™ Frame	B	10	10
698RF	Finish Kit - Includes Fire-Rated Frame, Hole-Insert Strips, And Frame Extension	BI	10	10

Box Clips, Brackets & Supports

696-C3

696-BC

520-09

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NYLON CAPS			
688-C0B	1/4" Nylon Comp. Thread Cap, 10/Bag	BI	1	10
688-C1B	3/8" Nylon Comp. Thread Cap, 25/Bag	BI	1	4
	CAPS - LEADED			
696-C3	3/4" Brass Hose Thread Cap, 2/Bag	BI	10	10
	NUTS			
696-PN	1/2" Plastic Shank Nut	B	50	50
	CLIPS			
696-BC	Box Clip	B	10	10
698-VC	Valve Clip Blue/Red, 1/Bag	B	50	50
	SUPPORT BRACKET			
520-09	Sliding Support Bracket	B	250	250

Secondary Drainage Funnel

696-CF

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
696-CF	Secondary Drainage Funnel	BI	10	10

Valves & Fittings

Extension Valves

688-G1CE

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NL/DZR BRASS			
688-G1CE	Extended Replacement Valve - 5/8" OD Comp. Thread × 3/8" OD Comp. Outlet	BI	10	10

Valves & Fittings

Male Hose Outlet Valves

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
131-G0Y3HR101	1/4-Turn, 1/4" Swiv. Comp. X 3/4" MHT, Brass, 1/Bag	BI	5	60

131-G0Y3HR101

Valves & Fittings

3/4" MIP x FIP Swivel Valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
648-3SM	3/4" FIPS x 3/4" MIP	BI	5	5

648-3SM

Valves & Fittings

Gauge Adapter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-46101001	Gauge Adapter - 1/4" Swiv Comp. X 1/4" FIP, 1/Bag	BI	5	60

930-46101001

Valves & Fittings

PRV Valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH PORT			
648-3PRVD		X	1	6
648-4PRVD		X	1	6
	WITHOUT PORT			
648-3PRV		X	1	6
648-4PRV		X	1	6

Line Splitter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
687-Y33	Wye Splitter - 3/4" Inlet (1) X 3/4" Outlets (2), 1/Bag	BI	1	9
687-Y43	Wye Splitter - 1" Inlet (1) X 3/4" Outlets (2), 1/Bag	BI	1	9

687-Y33

305-RT

Access Tools

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-RT	Valve Grommet Removal Tool For Access Products	BI	1	10
307-687		BI	1	6

Access Panels

Plastic - One-Piece

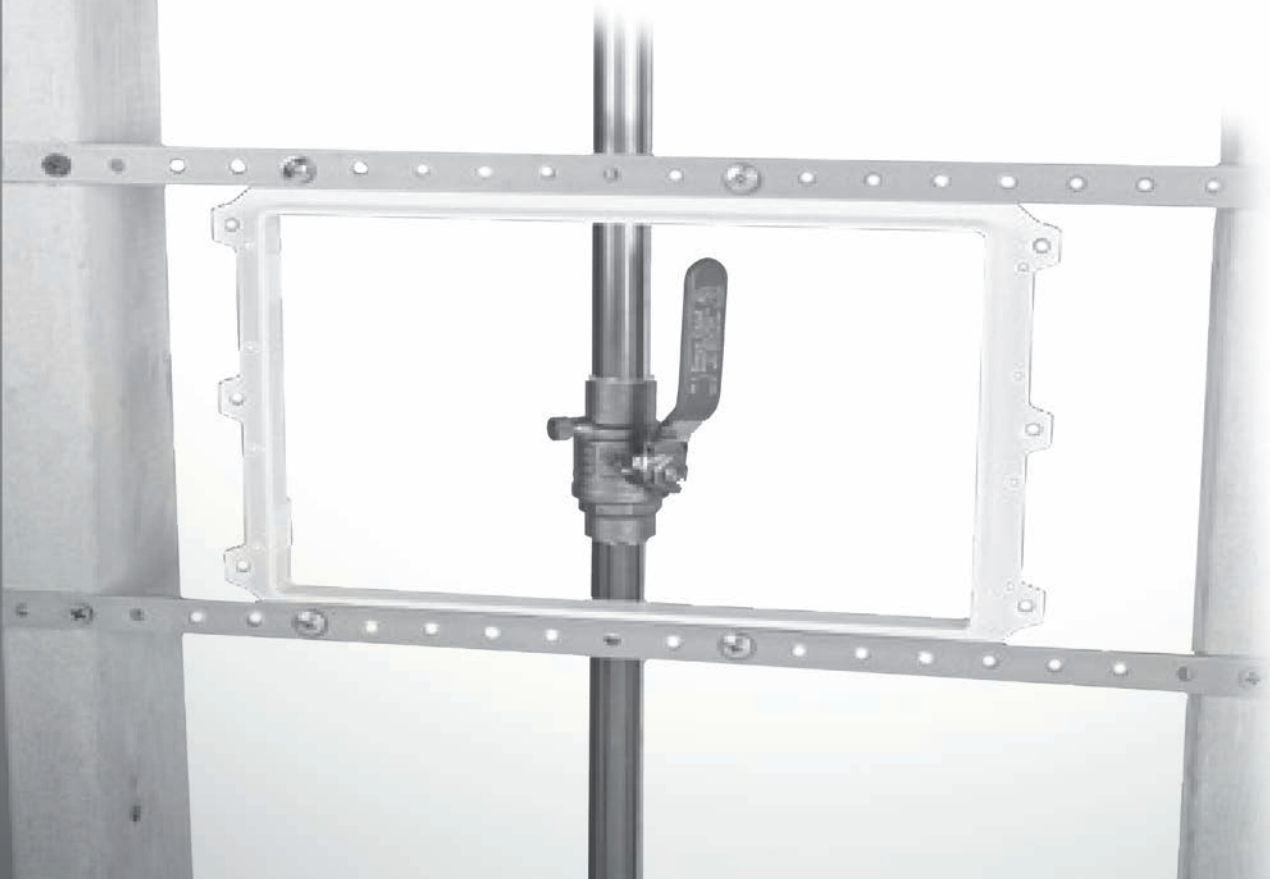
Plastic - Two-Piece

OverUnder™

Metal - Two-Piece

One and two piece panels provide inconspicuous access to valves and other plumbing fixtures inside wall cavities.

The unique OverUnder™ panel can be installed during rough-in, or retrofit anytime after drywall installation. Plastic panels can be painted or wall-papered to match wall finish.



Plastic Access Panel

One-Piece

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
970-112	12" × 12", White ABS	BI	20	20
970-117	17" × 17", Polystyrene	BI	12	12

970-112

Plastic Access Panel

One-Piece With Spring

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
970-SP110	10" x 10", ABS	BI	6	6
970-SP116	16" X 16" ABS	BI	6	6

970-SP116

Plastic Access Panel

Two-Piece

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
970-208	Outside - 10-1/4" × 10-1/4", Inside - 8" × 8", White ABS	BI	1	12
970-214	Outside - 17" × 17", Inside - 14" × 14", White ABS	BI	1	12

OverUnder™ Access Panel

Two-Piece

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
970-214S	Outside - 16-1/2" × 16-1/2", Inside - 14" × 14", Polystyrene	BI	1	6
970-269S	Outside - 8-1/2" × 11-1/2", Inside - 6" × 9", Polystyrene	BI	1	6

970-214S

Metal Access Panel

Two-Piece

971-1414

971-99

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	HINGED			
971-1414	Outside - 15-1/4" × 15-1/4", Inside - 14" × 14", Painted Steel	B	1	1
971-1430	Outside - 15-1/4" × 31-1/4", Inside - 14" × 30", Painted Steel	B	1	1
	NON-HINGED			
971-77	7" × 7", Metal	B	1	8
971-99	9" × 9", Metal	B	1	8

RoughUp™ Kits

ShowerUp™ Kits

HeatUp™ Kits

RoughUp™ Kits - Featuring Preformed Copper

Features & Benefits

Reduces Cost. Preformed fittings combine multiple products into one solution. These products reduce labor and material investments to save the plumber money and time.

Expedites Bidding. Preformed copper items transition a contractor's variable costs into a fixed cost. Estimating jobs is easier due to better materials management and controlled waste.

Simplifies Stocking. Preformed copper combines multiple items into single products. Kits are treated as single SKUs for more efficient inventory management. Grab one SKU and go.

Reduces Noise. Increased radius bends on preformed products improve the flow characteristics of the application over traditional products. Preformed copper tub drops eliminate 'water stacking' in showers. The larger radius also reduces the noise produced by typical installations.

Quality Engineering. Sioux Chief preformed copper fitting ends are engineered and made in the USA, using precision manufacturing techniques. All fitting bends and ends are made to appropriate ASTM standards, compliant to nationally recognized plumbing codes and guaranteed with one of the industry's leading limited lifetime warranties.

Standardized Layouts. Reduce the guesswork. Each job, each unit has consistent, repeatable looks, time, materials, and quality.

Quality Materials. Sioux Chief utilizes only the best partners, who deliver the highest grades of material to manufacture preformed copper components. Copper is naturally lead-free, dezincification resistant, cost effective, and antimicrobial. It provides the perfect code-compliant solution for any plumbing transition, fitting, or wall termination..

Variety. Sioux Chief has countless preformed copper and fitting capabilities. These capabilities offer endless options and solutions.

Reduces Risk. Preformed copper reduces fittings for fewer joints. Fewer joints reduce the chances for leaks and reduces liability. Eliminating solder joints can mean removing the torch from the job site. Cheapest insurance there is. Peace-of-Mind

Professional-Looking. Preformed product can be used to improve the look of a job and become a "calling card" to help plumbers win bids.

Male Sweat Fittings

PRESS-FIT
COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products indicated as Lead-Free comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

FGG/BM/CZ Compatible

FBC™
SYSTEM COMPATIBLE

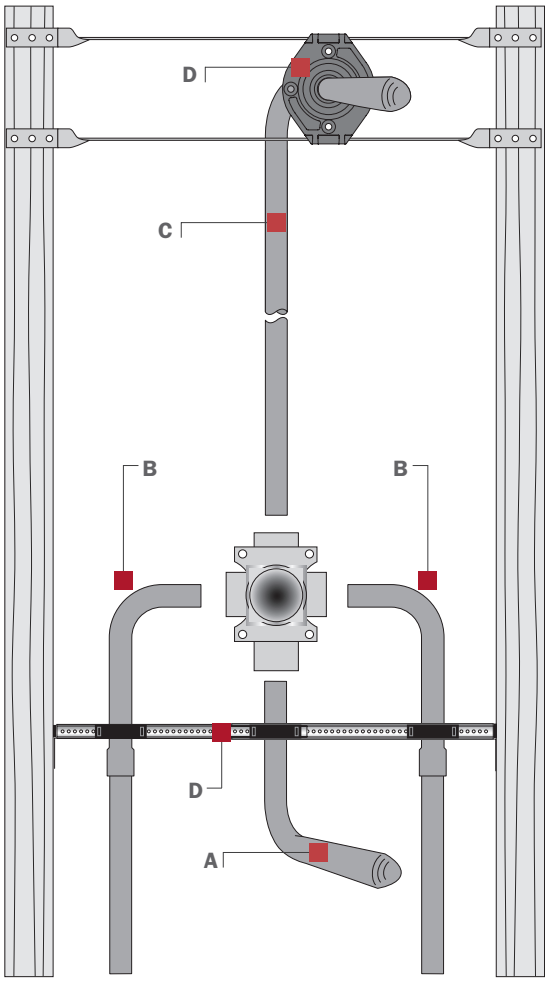
All CPVC connections have been tested to assure chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings.

®Are registered trademarks of Lubrizol Corporation.

Custom ShowerUp™ Kits

Build-Your-Own Kit

Use the following steps to build a kit, using the codes from the following pages



1. Start with the ShowerUp™ kit prefix:

Kit Prefix: 693

2. Choose a kit code for each component:

- **A** Tub Spout Elbow
- **B** Supply Connectors
- **C** Shower Riser
- **D** Brackets

3. Use this format to build your kit:

Kit Prefix	A Tub Spout Elbow	B Supply Connectors	C Shower Riser	D Bracket Option
693-	00	00	00	00

4. Example Item Creation:

Kit Components	Kit Prefix	A Tub Spout Elbow	B Supply Connectors	C Shower Riser	D Bracket Option
Kit Code	693-	13	03	23	03
Description		1/2" MSWT 8" × 7"	6" × 2-1/4" MSWT × CPVC (2 connectors)	1/2" FSWT × 1/2" FIP drop-ear 90	2 Power Bars, 3 TD clamps, 10 screws

Custom Kit Number: **693-13032303**

Custom Kit Price is the total for each component, added up. Kits are individually bagged, 12 kits/box. Minimum qty. = 12 kits.

The Shower WallNut™

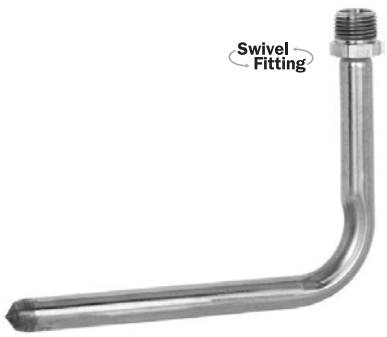
The ShowerUp™ system allows the use of a copper stub out elbow riser in conjunction with a Shower WallNut™ shower arm adapter. The Shower WallNut makes the shower arm connection outside the finished wall, so there are no hidden leaks. When a copper stub out elbow shower riser is used, Sioux Chief requires the use of the Shower WallNut system, including a StrongArm bracket with Shower WallNut LockBlock, and the Shower WallNut adapter. A properly installed Shower WallNut system carries a Limited Lifetime Warranty.

A Tub Spout Elbow

Kit Code: 16
613-107

1/2" Male Sweat Connection

Kit Code	Item No	Description	Lead Free
01	–	None (for shower only)	x
11	613-57	5" × 7"	x
12	613-67	6" × 7"	x
13	613-87	8" × 7"	x
14	613-137	13" × 7"	x
15	613-139	13" × 9"	x
16	613-107	10" × 7"	x
17	622-L03	1/2" × 3" Straight Stub Out	x



Kit Code: 02
613-57X

1/2" MIP Connection

Kit Code	Item No	Description	Lead Free
02	613-57X	5" × 7", Swivel	
03	613-67X	6" × 7", Swivel	
04	613-87X	8" × 7", Swivel	
05	613-57M	5" × 7", Fixed	x
06	613-67M	6" × 7", Fixed	x
07	613-87M	8" × 7", Fixed	x

Kit Code: 31
613-57Y

1/2" FIP Connection

Kit Code	Item No	Description	Lead Free
31	613-57Y	5" × 7", Swivel	x
32	613-67Y	6" × 7", Swivel	x
33	613-87Y	8" × 7", Swivel	x

DO NOT use pipe dope on FIP threads

B Supply Connectors

F1807 PEX Connection

Kit Code	Item No	Description	Lead Free
		SWEAT × F1807 PEX	
14	632X243	4" × 2-1/4" MSWT × F1807 PEX	x
15	632X263	6" × 2-1/4" MSWT × F1807 PEX	x
16	632X222	1-5/8" × 1-1/2" MSWT × F1807 PEX	x
18	632X283	8" × 2-1/4" MSWT × F1807 PEX	x
63	660-TSX	MiniRester 1/2" MSWT Branch × 1/2" F1807 PEX	x
		MIP × F1807 PEX	
11	646XG2	1/2" MIP × 1/2" F1807 PEX	x
12	632X263X	6" × 3" MIP Swivel × F1807 PEX	
		FIP × F1807 PEX	
51	647XG2	1/2" FIP × 1/2" F1807 PEX	x
52	632X263Y	6" × 3" FIP Swivel × F1807 PEX	x

DO NOT use pipe dope on FIP swivel threads

Kit Code: 52
632X263Y

Kit Code: 15
632X263

Kit Code: 12
632X263X

F1960 PEX Connection

Kit Code	Item No	Description	Lead Free
		SWEAT × F1960 PEX	
75	632WG263	6" × 2-1/4" MSWT × 1/2" F1960 PEX	x
		MIP × F1960 PEX	
72	632W273X	7" × 3" MIP Swivel × F1960 PEX	
		FIP × F1960 PEX	
76	632WG263Y	6" × 3" FIP Swivel × 1/2" F1960 PEX	x

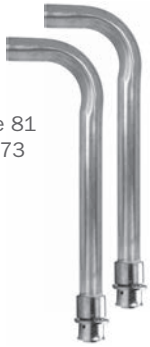
DO NOT use pipe dope on FIP swivel threads

Kit Code: 72
632W273X

Kit Code: 75
632WG263

Kit Code: 76
632WG263Y

B Supply Connectors



Kit Code 81
632V273

F3347 PEX Connection

Kit Code	Item No	Description	Lead Free
		SWEAT × F3347 PEX	
81	632V273	7" × 2-1/4" MSWT × 1/2" F3347 PEX	x

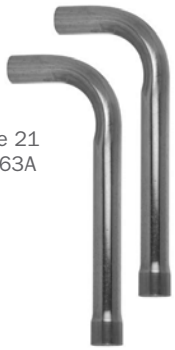
Kit Code 03
632-C263

Kit Code 41
637-C20

CPVC Connection

Kit Code	Item No	Description	Lead Free
		SWEAT × CPVC	
03	632-C263	6" × 2-1/4" MSWT × CPVC	x
04	632-C283	8" × 2-1/4" MSWT × CPVC	x
		MIP × CPVC	
01	646-CG2	1/2" MIP × 1/2" CPVC	x
02	632-C263X	6" × 3" MIP Swivel × CPVC	
		FIP × CPVC	
41	637-C20	1/2" FIP Swivel × 1/2" CPVC	x
42	647-CG2	1/2" FIP × 1/2" CPVC	x

DO NOT use pipe dope on FIP swivel threads



Kit Code 21
609-L263A

Sweat Connection

Kit Code	Item No	Description	Lead Free
		SWEAT × SWEAT	
26	608-L263A	2-1/4" × 6" MSWT × 1/2" MSWT	x
61	660-TS	MiniRester 1/2" MSWT Branch × 1/2" FSWT	x
21	609-L263A	6" × 2-1/4" MSWT × FSWT	x

C Shower Riser

F1807 PEX Connection

Kit Code	Item No	Description	Lead Free
		SWEAT × F1807 PEX	
17	643X2 630X248	1/2" MSWT × 1/2" F1807 PEX Adapter 4" × 8" F1807 PEX Stub Out Elbow	x
18	643X2 630X248E	1/2" MSWT × 1/2" F1807 PEX Adapter 4" × 8" F1807 PEX Stub Out Elbow with Ear Strap	x
19	643X2 647XG2E3	1/2" MSWT × 1/2" F1807 PEX Adapter 1/2" F1807 PEX × 1/2" FIP Drop-Ear 90	x
		MIP × F1807 PEX	
11	646XG2 647X2E	1/2" MIP × 1/2" F1807 PEX Adapter 1/2" PEX × 1/2" FSWT Drop-Ear 90	x
12	646XG2 630X248	1/2" MIP × 1/2" PEX F1807 Adapter 4" × 8" F1807 PEX Stub Out Elbow	x
13	646XG2 630X248E	1/2" MIP × 1/2" PEX F1807 Adapter 4" × 8" F1807 PEX Stub Out Elbow with Ear Strap	x
		FIP × F1807 PEX	
14	647XG2 647XG2E3	1/2" FIP × 1/2" F1807 PEX Adapter 1/2" F1807 PEX × 1/2" FSWT Drop-Ear 90	x
15	647XG2 630X248	1/2" FIP × 1/2" F1807 PEX Adapter 4" × 8" F1807 PEX Stub Out Elbow	x
16	647XG2 630X248E	1/2" FIP × 1/2" F1807 PEX Adapter 4" × 8" F1807 PEX Stub Out Elbow with Ear Strap	x

Kit Code 19
643X2
647XG2E3

Kit Code 12
646XG2
630X248

Kit Code 15
647XG2
630X248

F1960 PEX Connection

Kit Code	Item No	Description	Lead Free
		SWEAT × F1960 PEX	
82	630WG248 643WG2	4" × 8" F1960 PEX Stub Out Elbow 1/2" MSWT × 1/2" F1960 PEX Adapter	x
91	647WG2E3 643WG2	1/2" F1960 PEX × 1/2" FIP Drop-Ear 90 1/2" MSWT × 1/2" F1960 PEX Adapter	x
		MIP × F1960 PEX	
81	630WG248 646WG2	4" × 8" F1960 PEX Stub Out Elbow 1/2" MIP × 1/2" F1960 PEX Adapter	x
92	647WG2E3 646WG2	1/2" F1960 PEX × 1/2" FIP Drop-Ear 90 1/2" MIP × 1/2" F1960 PEX Adapter	x
		FIP × F1960 PEX	
83	630WG248 647WG2	4" × 8" F1960 PEX Stub Out Elbow 1/2" FIP × 1/2" F1960 PEX Adapter	x
84	647WG2E3 647WG2	1/2" F1960 PEX × 1/2" FIP Drop-Ear 90 1/2" FIP × 1/2" F1960 PEX Adapter	x

Kit Code 91
647WG2E3
643WG2

Kit Code 81
630WG248
646WG2

C Shower Riser

Kit Code 03
646-CG2
630-C248E

Kit Code 05
637-C20
647-CG2E3

Kit Code 08
647-CG2
647-CG2E3

CPVC Connection

Kit Code	Item No	Description	Lead Free
		MIP × CPVC	
02	646-CG2 630-C248	1/2" MIP × 1/2" CPVC 4" × 8" CPVC Stub Out Elbow	x
03	646-CG2 630-C248E	1/2" MIP × 1/2" CPVC 4" × 8" CPVC Stub Out Elbow with Ear Strap	x
04	646-CG2 647-CG2E3	1/2" MIP × 1/2" CPVC 1/2" CPVC Drop-Ear 90	x
		FIP × CPVC	
05	637-C20 647-CG2E3	1/2" FIP Swivel × 1/2" CPVC 1/2" CPVC Drop-Ear 90	x
06	637-C20 630-C248	1/2" FIP Swivel × 1/2" CPVC 4" × 8" CPVC Stub Out Elbow	x
07	637-C20 630-C248E	1/2" FIP Swivel × 1/2" CPVC 4" x 8" CPVC Stub Out Elbow with Ear Strap	x
08	647-CG2 647-CG2E3	1/2" FIP × 1/2" CPVC 1/2" CPVC Drop-Ear 90	x

DO NOT use pipe dope on FIP swivel threads

Kit Code 51
608-L2308

Kit Code 41
616-630X

Kit Code 43
616-630Y

Full-Length Copper

Kit Code	Item No	Description	Lead Free
		SWEAT	
31	616-630	1/2" MSWT × Drop-Ear 90, 30"	
32	616-650	1/2" MSWT × Drop-Ear 90, 50"	
51	608-L2308	1/2" MSWT × Closed, 30" × 8" Stub Out Elbow	x
53	608-L2508	1/2" MSWT × Closed, 50" × 8" Stub Out Elbow	x
54	608-L2508E	1/2" MSWT × Closed, 50" × 8" Stub Out Elbow with Ear Strap	x
		MIP	
41	616-630X	1/2" MIP swivel × Drop-Ear 90, 30"	
42	616-650X	1/2" MIP swivel × Drop-Ear 90, 50"	
		FIP	
43	616-630Y	1/2" FIP swivel × Drop-Ear 90, 30"	
44	616-650Y	1/2" FIP swivel × Drop-Ear 90, 50"	

DO NOT use pipe dope on FIP swivel threads

C Shower Riser

Sweat Connection

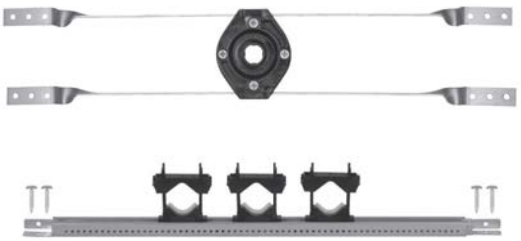
Kit Code	Item No	Description	Lead Free
		SWEAT	
21	609-L248	1/2” FSWT × Closed, 4” × 8” Stub Out Elbow	x
22	609-L248E	1/2” FSWT × Closed 4” × 8” Stub Out Elbow with Ear Strap	x
23	616-2E3	1/2” FSWT × 1/2” FIP Drop-Ear 90	

Kit Code 22
609-L248E

Kit Code 23
616-2E3

D Brackets

Note: When a copper stub out elbow shower riser is used, Sioux Chief requires the use of the Shower WallNut system, including a StrongArm bracket with Shower WallNut LockBlock, and the Shower WallNut adapter.



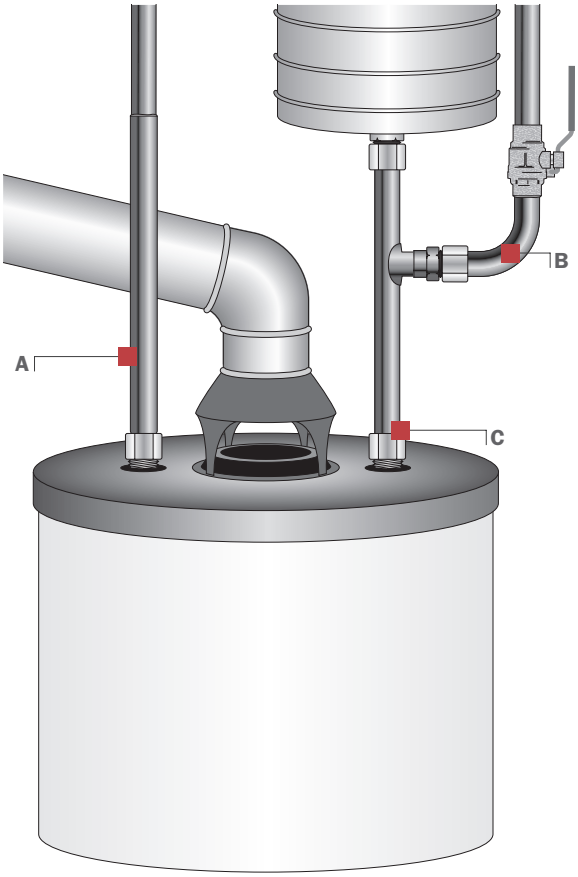
Kit Code 01
525-16WLB
523-2434

Kit Code 03
523-2404
523-2434

Kit Code	Item No	Description
01	525-16WLB 523-2434	StrongArm, 16”, with 1 Shower WallNut LockBlock, 4 Screws PowerBar, 3 TouchDown Clamps, 4 Screws
02	523-2404 523-2424	PowerBar, 6 Screws PowerBar, 2 TouchDown Clamps, 4 Screws
03	523-2404 523-2434	PowerBar, 6 Screws PowerBar, 3 TouchDown Clamps, 4 screws
04	525-16WLB 523-2424	StrongArm, 16”, with 1 Shower WallNut LockBlock, 4 Screws PowerBar, 2 TouchDown Clamps, 4 Screws

Custom HeatUp™ Kits

Build-Your-Own Kit



Use the following steps to build a kit, using the codes from the following pages

1. Start with the HeatUp™ kit prefix:

Kit Prefix: 694

2. Choose a kit code for each component:

- **A** Hot-Side Connector
- **B** Cold-Side Connector
- **C** Expansion Tank Option

3. Use this format to build your kit:

Kit Prefix	A Hot-Side Connector	B Cold-Side Connector	C Expansion Tank Option
694	00	00	00

4. Example Item Creation:

Kit Components	Kit Prefix	A Hot-Side Connector	B Cold-Side Connector	C Expansion Tank Option
Kit Code	694	CG33	0120	91
Description		¾" FIP Swivel × ¾" CPVC Socket	¾" FIP Swivel x ¾" CPVC Socket, with Ball Valve	¾" × ¾" FIP Swivel with ¾" MIP Branch

New Custom Kit Number: **694CG33012091**

Custom Kit Price is the total for each component, added up. Kits are individually bagged, 10 kits/box. Minimum qty. = 10 kits.
Note: Please include a $2.00 kitting charge for all custom HeatUp™ kits.

Male Sweat Fittings

PRESS-FIT COMPATIBLE

All Sioux Chief male sweat, preformed copper fittings are compatible with press-fit systems and all push fit systems. Do not use push fittings with nickel-plated stub outs.

Lead-Free Compliant

LEAD FREE COMPLIANT

Products indicated as Lead-Free comply with NSF-61 & 372 and with the California No Lead Plumbing Law.

FGG/BM/CZ Compatible

FBC™ SYSTEM COMPATIBLE

All CPVC connections have been tested to assure chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan®pipe and fittings.

®Are registered trademarks of Lubrizol Corporation.

A Hot Side Connection

F1807 PEX Connection

Kit Code	Item No	Description	Length	Lead Free
XG06	631X02	3/4" F1807 PEX × 3/4" FIP Swivel Elbow	3" × 4½"	x
XG31	633X02	3/4" F1807 PEX × 3/4" FIP Swivel	2"	x
XG32	633X18	3/4" F1807 PEX × 3/4" FIP Swivel	18"	x
XG46	634X418	3/4" F1807 PEX × 3/4" FIP Swivel Flexible	18"	x
XG61	646XG3	3/4" F1807 PEX × 3/4" MIP	–	x

DO NOT use pipe dope on FIP swivel threads
DO NOT twist, kink, or loop flexible connectors

Kit Code XG06
631X02

Kit Code XG61
646XG3

Kit Code XG46
634X418

Kit Code XG32
633X18

F1960 PEX Connection

Kit Code	Item No	Description	Length	Lead Free
WG71	633WG18	3/4" F1960 PEX × 3/4" FIP Swivel	18"	x
WG49	634WG418	3/4" F1960 PEX × 3/4" FIP Swivel Flexible	18"	x
WG61	631WG02	3/4" F1960 PEX × 3/4" FIP Swivel Elbow	3" × 4"	x

DO NOT use pipe dope on FIP swivel threads
DO NOT twist, kink, or loop flexible connectors

Kit Code WG61
631WG02

Kit Code WG49
634WG418

F3347 PEX Connection

Kit Code	Item No	Description	Length	Lead Free
VG72	633VG18	3/4" F3347 PEX × 3/4" FIP Swivel	18"	x

DO NOT use pipe dope on FIP swivel threads

Kit Code VG72
633VG18

A Hot Side Connection

Kit Code CG06
631-C307

Kit Code CG56
634-C118

Kit Code CG72
646-CG318

CPVC Connection

Kit Code	Item No	Description	Length	Lead Free
CG06	631-C307	3/4" FIP Swivel × 3/4" CPVC Socket Elbow	3" × 7"	x
CG31	633-C02	3/4" FIP Swivel × 3/4" CPVC Socket	3"	x
CG32	633-C09	3/4" FIP Swivel × 3/4" CPVC Socket	9"	x
CG33	633-C18	3/4" FIP Swivel × 3/4" CPVC Socket	18"	x
CG35	633-C24	3/4" FIP Swivel × 3/4" CPVC Socket	24"	x
CG36	633-C418	1" FIP Swivel × 3/4" CPVC Socket	18"	x
CG56	634-C118	3/4" FIP Swivel × 3/4" CPVC Socket Flexible	18"	x
CG71	646-CG3	3/4" MIP × 3/4" CPVC Socket	1-1/2"	x
CG72	646-CG318	3/4" MIP × 3/4" CPVC Socket	18"	x

DO NOT use pipe dope on FIP swivel threads
DO NOT twist, kink, or loop flexible connectors

Kit Code –G41
631-33F

Kit Code –G21
633-312

Sweat Connection

Kit Code	Item No	Description	Length	Lead Free
–G21	633-312	3/4" FIP Swivel × 3/4" Full-Slip FSWT	12"	x
–G41	631-33F	3/4" FIP Swivel × 3/4" FSWT elbow	—	x
–G31	633-318	3/4" FIP Swivel × 3/4" MSWT	18"	x

DO NOT use pipe dope on FIP swivel threads

Kit Code Q46
634Q418

Kit Code Q31
633Q03

PDQ™ Push Connection

Kit Code	Item No	Description	Length	Lead Free
Q31	633Q03	3/4" FIP Swivel × 3/4" Push Fit	2"	x
Q32	633Q18	3/4" FIP Swivel × 3/4" Push Fit	18"	x
Q46	634Q418	3/4" FIP Swivel × 3/4" Push Fit Flexible	18"	x

DO NOT use pipe dope on FIP swivel threads

B Cold Side Connection

F1807 PEX Connection

Kit Code	Item No	Description	Ball Valve	Length	Lead Free
0120	631XG02FP	3/4" F1807 PEX × 3/4" FIP Swivel Elbow	x	2-1/2" × 6"	x
2120	633XG18FP	3/4" F1807 PEX × 3/4" FIP Swivel	x	18"	x
2520	633XG18FPT	3/4" F1807 PEX × 3/4" FIP Swivel, with 3/4" FIP Branch	x	18"	x
4120	634XG418FP	3/4" F1807 PEX × 3/4" FIP Swivel Flexible	x	18"	x
2220	633XG18FRV	3/4" F1807 PEX × 3/4" FIP Swivel, with TERV 3/8" O.D. Compression	x	18"	x
2320	633XG18HRV	3/4" F1807 PEX × 3/4" FIP Swivel, with TERV 3/8" Hose Barb	x	18"	x
2420	633XG18XRV	3/4" F1807 PEX × 3/4" FIP Swivel, with TERV 1/2" F1807	x	18"	x

DO NOT use pipe dope on FIP swivel threads
DO NOT twist, kink, or loop flexible connectors

Kit Code 0120
631XG02FP

Kit Code 2520
633XG18FPT

Kit Code 2220
633XG18FRV

F1960 PEX Connections

Kit Code	Item No	Description	Ball Valve	Length	Lead Free
7520	633WG306FP	3/4" F1960 PEX × 3/4" FIP Swivel	x	6"	x
7620	633WG18FPT	3/4" F1960 PEX × 3/4" FIP Swivel, with 3/4" FIP Branch	x	18"	x
4520	634WG418FP	3/4" F1960 PEX × 3/4" FIP Swivel Flexible	x	18"	x
0220	631WG02FP	3/4" F1960 PEX × 3/4" FIP Swivel Elbow	x	7"	x
7720	633WG18FP	3/4" F1960 PEX × 3/4" FIP Swivel	x	18"	x
1720	633WG18FRV	3/4" F1960 PEX × 3/4" FIP Swivel, with TERV 3/8" O.D. Compression	x	18"	x
1820	633WG18HRV	3/4" F1960 PEX × 3/4" FIP Swivel, with TERV 3/8" Hose Barb	x	18"	x
1920	633WG18WRV	3/4" F1960 PEX × 3/4" FIP Swivel, with TERV 1/2" F1960	x	18"	x

DO NOT use pipe dope on FIP swivel threads
DO NOT twist, kink, or loop flexible connectors

Kit Code 7520
633WG306FP

Kit Code 1820
633WG18HRV

Kit Code 7720
633WG18FP

B Cold Side Connection

Kit Code 4320
634VG18FP

F3347 PEX Connections

Kit Code	Item No	Description	Ball Valve	Length	Lead Free
4320	634VG18FP	3/4" F3347 PEX × 3/4" FIP Swivel Flexible	x	18"	x
7820	633VG18FP	3/4" F3347 PEX × 3/4" FIP Swivel	x	18"	x

DO NOT use pipe dope on FIP swivel threads
DO NOT twist, kink, or loop flexible connectors

Kit Code 1720
633-CG18FRV

Kit Code 5120
634-CG118FP

CPVC Connection

Kit Code	Item No	Description	Ball Valve	Length	Lead Free
0120	631-CG307FP	3/4" FIP Swivel × 3/4" CPVC Socket elbow	x	3" × 7"	x
1220	633-CG18FP	3/4" FIP Swivel × 3/4" CPVC Socket	x	18"	x
1420	633-CG24FP	3/4" FIP Swivel × 3/4" CPVC Socket	x	24"	x
1520	633-CG418FP	1" FIP Swivel × 3/4" CPVC Socket	x	18"	x
1720	633-CG18FRV	3/4" FIP Swivel × 3/4" CPVC Socket, with TERV 3/8" O.D. Compression	x	18"	x
1820	633-CG18HRV	3/4" FIP Swivel × 3/4" CPVC Socket, with TERV 3/8" Hose Barb	x	18"	x
2120	633-CG18FPT	3/4" FIP Swivel × 3/4" CPVC Socket, with 3/4" FIP Branch	x	18"	x
5120	634-CG118FP	3/4" FIP Swivel × 3/4" CPVC Socket Flexible	x	18"	x
6120	646-CG318FP	3/4" MIP × 3/4" CPVC Socket	x	18"	x

DO NOT use pipe dope on FIP swivel threads
DO NOT twist, kink, or loop flexible connectors

Kit Code 0120
631-CG307FP

Kit Code 2120
633-CG18FPT

B Cold Side Connection

Sweat Connection

Kit Code	Item No	Description	Ball Valve	Length	Lead Free
1120	633-G312FP	3/4” FIP Swivel × 3/4” Full-Slip FSWT	x	12”	x
0120	631-G305FP	3/4” FIP Swivel × 3/4” FSWT Elbow	x	–	x
3520	633-G318FP	3/4” FIP Swivel × 3/4” MSWT	x	18”	x

DO NOT use pipe dope on FIP swivel threads

Kit Code 0120
631-G305FP

Kit Code 1120
633-G312FP

PDQ™ Push Connection

Kit Code	Item No	Description	Length	Lead Free
26	633Q06FP	3/4” FIP Swivel × 3/4” Push Fit	6"	x
12	633Q18FP	3/4” FIP Swivel × 3/4” Push Fit	18"	x
41	634Q418FP	3/4” FIP Swivel × 3/4” Push Fit Flexible	18”	x

DO NOT use pipe dope on FIP swivel threads

Kit Code 26
633Q06FP

Kit Code 41
634Q418FP

C Expansion Tank Option

Kit Code	Item No	Description	Length	Lead Free
–	–	No expansion tank	–	x
91	633-G3TM15	3/4” × 3/4” FIP Swivel with 3/4” MIP Branch	15”	x
92	633-G4TM15	1” × 3/4” FIP Swivel with 3/4” MIP Branch	15”	x
93	633-G3TM11	3/4” × 3/4” FIP Swivel with 3/4” MIP Branch	11”	x
94	633-G4TM11	1” × 3/4” FIP Swivel with 3/4” MIP Branch	11”	x

DO NOT use pipe dope on FIP swivel threads

Kit Code 91
633-G3TM15

Kit Code 93
633-G3TM11

In-Stock Kits

Check out our other convenient kits - in stock and ready to ship

PowerPEX F1807
Stub Out Kit

PowerPEX F1807
Water Heater Connector Kit

PowerPEX F1960
ShowerUp Kit

- **PowerPEX F1807 PEX Kits**
  . . . in the PowerPEX Systems section
  - ShowerUp Kits
  - Stub Out Kits
  - Water Heater Connector Kits

- **PowerPEX F1960 PEX Kits**
  . . . in the PowerPEX Systems section
  - ShowerUp Kits
  - Stub Out Kits
  - Water Heater Connector Kits

- **PowerPEX F3347 PEX Kits**
  . . . in the PowerPEX Systems section
  - Stub Out Kits

- **CPVC Kits**
  . . . in the Specialized Supply section
  - ShowerUp Kits
  - Stub Out Kits
  - Water Heater Connector Kits

- **Sweat Kits**
  . . . in the Specialized Supply section
  - ShowerUp Kits
  - Water Heater Connector Kits

Drainage

Specification Drainage

Commercial Drainage

Trench Drains

Residential Drainage

Testing

Making it in America

Finish Line
DRAIN
Adjust to finish floor
Sioux Chief

Specification Drainage

Floor Drains

Floor Sinks

Roof Drains

Cleanouts

Fixture Carriers

Specification Drainage

Floor Drains

Adjustable and non-adjustable floor drains for on-grade and above-grade applications.
Designed in accordance with *ASME A112.6.3 Standard for Floor and Trench Drains*.
Note: All floor drains installed in above-grade applications must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Floor Sinks

Enamel-coated cast iron floor sinks designed for direct or indirect waste applications.
Designed in accordance with ASME A112.6.7 Standard for Sanitary Floor Sinks.
Note: All floor sinks installed in above-grade applications must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Roof Drains

Roof drain, overflow, scupper and accessory fixtures available with cast iron connections.
Designed in accordance with *ASME A112.6.4 Standard for Roof, Deck, and Balcony Drains*.
Note: All roof drains must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Cleanouts

Adjustable and non-adjustable cleanout fixtures provide access to drain lines.
Designed in accordance with *ASME A112.36.2M Standard for Cleanouts*.
Note: All floor cleanouts installed in above-grade applications must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Fixture Carriers

Floor-mounted Carriers and supports for commercial water closet and lavatory fixtures.
Designed in accordance with *ASME A112.6.1M Standard for Floor-Affixed Supports for Off-The-Floor Plumbing Fixtures for Public Use*.

Specification Floor Drains

FinishLine™ Floor Drains

FatMax™ Floor Drains

Above-Grade Floor Drains

Halo™ Floor Drains

Floor Drain Accessories

Sioux Chief's FinishLine™ Floor drain system is adjustable both before and AFTER the concrete pour.

The FinishLine virtually eliminates drains set too low or not level. Installations that are faster, easier, and more professional-looking.

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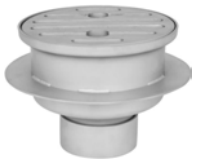

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Cast Iron - No-Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer (1);
E = Extended Ring (2); **B** = Complies with BABAA (2);
M = Medium-duty strainer (3,000 lbs. safe-load) (3);

1: Not available for iron strainers 2: For round nickel bronze ring/strainer only 3: For round 304 SS ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
832-3DF	3" No-Hub	BI	1	5
832-4DF	4" No-Hub	BI	1	5
	FINISH FIXTURE			
832-4DHIR	6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	10
832-4DHNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	10
832-4DHSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
832-3DIR	3" No-Hub - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
832-3DNQ	3" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-3DNR	3" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-3DSQ	3" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3DSR	3" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-4DIR	4" No-Hub - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
832-4DNQ	4" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-4DNR	4" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-4DSQ	4" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4DSR	4" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX4CQ	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-UMCQ	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4CQ	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

832-3DF

Finish Fixture

832-4DNR

832-25DF

832-3DHNQ

832-25DNR

Cast Iron - No-Hub Connection

5-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **B** = Complies with BABAA (1);
E = Extended Ring (1);

1: For round nickel bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
832-25DF	2" No-Hub	BI	1	1
832-35DF	3" No-Hub	BI	1	1
	FINISH FIXTURE			
832-3DHNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-3DHNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3DHSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3DHSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	COMPLETE ASSEMBLY			
832-25DNQ	2" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-25DNR	2" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-25DSQ	2" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-25DSR	2" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-35DNQ	3" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-35DNR	3" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-35DSQ	3" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-35DSR	3" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX3CQ	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S3CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Cast Iron - No-Hub Connection

9" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **C** = Clamping Collar;
P = PVC Base Adapter with Sch. 40 Hub Connection (1);

1: In lieu of cast iron base adapter (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
832-49DF	4" No-Hub	BI	1	1
832-6DF	6" No-Hub	BI	1	1
	FINISH FIXTURE			
832-6DHNR	9" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-6DHSR	9" Rnd Stnls Steel Ring & Strainer	BI	1	1
	COMPLETE ASSEMBLY			
832-49DNR	4" No-Hub - 9" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-49DSR	4" No-Hub - 9" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-6DNR	6" No-Hub - 9" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-6DSR	6" No-Hub - 9" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-PCQ	Coring Plug Wrench	BI	1	1
832-SD9	Ductile iron strainer - sets inside Coring Sleeve. Use in place of Finish Fixture	BI	1	1
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-4CQ	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

832-6DF

832-6DHNR

832-49DSR

Cast Iron - Push-Joint Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer (1);
E = Extended Ring (2); **B** = Complies with BABAA (2);
M = Medium-duty strainer (3,000 lbs. safe-load) (3); **P** = Push-joint gasket to fit Sch. 40 ABS/PVC pipe;

1: Not available for iron strainers 2: For round nickel bronze ring/strainer only 3: For round 304 SS ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
832-63DF	3" PJ Conn.	BI	1	1
832-64DF	4" PJ Conn.	BI	1	1

832-63DF

832-4DHNQ

832-63DSQ

Cast Iron - Push-Joint Connection (Cont)

6-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FINISH FIXTURE			
832-4DHIR	6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	10
832-4DHNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	10
832-4DHSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
832-63DIR	3" PJ Conn. - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
832-63DNQ	3" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-63DNR	3" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-63DSQ	3" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-63DSR	3" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-64DIR	4" PJ Conn. - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
832-64DNQ	4" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-64DNR	4" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-64DSQ	4" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-64DSR	4" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX4CQ	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-UMCQ	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4CQ	Trapshield™ For 4" Drain Outlet	BI	1	20
858-PG3CQ	Push-Joint Gasket For 3" Sch. 40 Pipe	BI	1	20
858-PG4CQ	Push-Joint Gasket For 4" Sch. 40 Pipe	BI	1	20
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

832-4SF

Stainless Steel - No-Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer;
M = Medium-duty strainer (3,000 lbs. safe-load) (1);

1: Not available for square ring/strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
832-3SF	3" No-Hub	BI	1	1
832-4SF	4" No-Hub	BI	1	1

Stainless Steel - No-Hub Connection (Cont)

6-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FINISH FIXTURE			
832-4SHSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4SHSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	COMPLETE ASSEMBLY			
832-3SSQ	3" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3SSR	3" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-4SSQ	4" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4SSR	4" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-UMCQ	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4CQ	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

832-4SHSR

832-3SSR

833-22DF

832-4DHIR

833-22DNQ

Cast Iron - No-Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer (1);
E = Extended Ring (2); **B** = Complies with BABAA (2);
M = Medium-duty strainer (3,000 lbs safe-load) (3);

1: Not available for iron strainers 2: For round nickel bronze ring/strainer only 3: For round 304 SS ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-22DF	2" No-Hub	BI	1	1
833-23DF	3" No-Hub	BI	1	1
833-24DF	4" No-Hub	BI	1	1
	FINISH FIXTURE			
832-4DHIR	6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	10
832-4DHNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	10
832-4DHSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
833-22DIR	2" No-Hub - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
833-22DNQ	2" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-22DNR	2" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-22DSQ	2" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-22DSR	2" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-23DIR	3" No-Hub - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
833-23DNQ	3" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-23DNR	3" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-23DSQ	3" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-23DSR	3" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-24DIR	4" No-Hub - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
833-24DNQ	4" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-24DNR	4" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-24DSQ	4" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-24DSR	4" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX4CQ	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-UMCQ	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4CQ	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Cast Iron - No-Hub Connection

5-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **B** = Complies with BABAA (1);
E = Extended ring (1);

1: For round nickel bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-225DF	2" No-Hub	BI	1	1
833-235DF	3" No-Hub	BI	1	1
	FINISH FIXTURE			
832-3DHNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-3DHNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3DHSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3DHSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	COMPLETE ASSEMBLY			
833-225DNQ	2" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-225DNR	2" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-225DSQ	2" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-225DSR	2" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-235DNQ	3" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-235DNR	3" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-235DSQ	3" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-235DSR	3" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX3CQ	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S3CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

833-225DF

832-3DHNQ

833-225DSR

833-62DF

832-4DHIR

833-62DNQ

Cast Iron - Push-Joint Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer (1);
E = Extended ring (2); **B** = Complies with BABAA (2);
M = Medium-duty strainer (3,000 lbs. safe-load) (3); **P** = Push-joint gasket to fit Sch. 40 ABS/PVC pipe (4);

1: Not available for iron strainers. 2: For round nickel bronze ring/strainer only 3: For round 304 SS ring/strainer only 4: Not available for 2" drains.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-62DF	2" PJ Conn.	BI	1	1
833-63DF	3" PJ Conn.	BI	1	1
833-64DF	4" PJ Conn.	BI	1	1
	FINISH FIXTURE			
832-4DHIR	6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	10
832-4DHNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4DHSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	10
832-4DHSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
833-62DIR	2" PJ Conn. - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
833-62DNQ	2" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-62DNR	2" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-62DSQ	2" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-62DSR	2" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-63DIR	3" PJ Conn. - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
833-63DNQ	3" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-63DNR	3" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-63DSQ	3" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-63DSR	3" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-64DIR	4" PJ Conn. - 6-1/2" Rnd Ductile Iron Ring & Strainer	BI	1	1
833-64DNQ	4" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-64DNR	4" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-64DSQ	4" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-64DSR	4" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX4CQ	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-UMCQ	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4CQ	Trapshield™ For 4" Drain Outlet	BI	1	20
858-PG3CQ	Push-Joint Gasket For 3" Sch. 40 Pipe	BI	1	20
858-PG4CQ	Push-Joint Gasket For 4" Sch. 40 Pipe	BI	1	20
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Cast Iron - Push-Joint Connection

5-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **B** = Complies with BABAA (1);
E = Extended ring (1); **P** = Push-joint gasket to fit Sch. 40 pipe (2);

1: For round nickel bronze ring/strainer only 2: For 3" drains only.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-625DF	2" PJ Conn.	BI	1	1
833-635DF	3" PJ Conn.	BI	1	1
	FINISH FIXTURE			
832-3DHNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-3DHNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3DHSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3DHSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	COMPLETE ASSEMBLY			
833-625DNQ	2" PJ Conn. - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-625DNR	2" PJ Conn. - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-625DSQ	2" PJ Conn. - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-625DSR	2" PJ Conn. - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-635DNQ	3" PJ Conn. - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-635DNR	3" PJ Conn. - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-635DSQ	3" PJ Conn. - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-635DSR	3" PJ Conn. - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX3CQ	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S3CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
858-PG3CQ	Push-Joint Gasket For 3" Sch. 40 Pipe	BI	1	20
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

833-635DF

832-3DHSR

833-625DSQ

862-235NR

862-235NQ

Cast Iron - No-Hub Connection

Nickel-Bronze Ring & Strainer

Options: Add suffix to item no.
B = Sediment Bucket; **E** = Drain Head Extension Adapter (1);
9 = 90-deg. Side Outlet Connection (2);

1: Cast iron - MIP x FIP thread 2: For 3" and 4" drains only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	5" ROUND STRAINER			
862-225NR	2" No-Hub - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-235NR	3" No-Hub - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-245NR	4" No-Hub - 5" Nikl-Brnz Ring & Strainer	B	1	1
	6" ROUND STRAINER			
862-226NR	2" No-Hub - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-236NR	3" No-Hub - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-246NR	4" No-Hub - 6" Nikl-Brnz Ring & Strainer	B	1	1
	7" ROUND STRAINER			
862-227NR	2" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-237NR	3" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-247NR	4" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
	8" ROUND STRAINER			
862-228NR	2" No-Hub - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-238NR	3" No-Hub - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-248NR	4" No-Hub - 8" Nikl-Brnz Ring & Strainer	B	1	1
	10" ROUND STRAINER			
862-2210NR	2" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-2310NR	3" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-2410NR	4" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
	5" SQUARE STRAINER			
862-225NQ	2" No-Hub - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-235NQ	3" No-Hub - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-245NQ	4" No-Hub - 5" Nikl-Brnz Ring & Strainer	B	1	1
	6" SQUARE STRAINER			
862-226NQ	2" No-Hub - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-236NQ	3" No-Hub - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-246NQ	4" No-Hub - 6" Nikl-Brnz Ring & Strainer	B	1	1
	7" SQUARE STRAINER			
862-227NQ	2" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-237NQ	3" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-247NQ	4" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
	8" SQUARE STRAINER			
862-228NQ	2" No-Hub - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-238NQ	3" No-Hub - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-248NQ	4" No-Hub - 8" Nikl-Brnz Ring & Strainer	B	1	1
	10" SQUARE STRAINER			
862-2210NQ	2" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-2310NQ	3" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-2410NQ	4" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1

Cast Iron - No-Hub Connection (Cont)

Nickel-Bronze Ring & Strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Cast Iron - No-Hub Connection

Nickel-Bronze Ring & Strainer - Extended Rim

862-247NRE

Options: Add suffix to item no.
B = Sediment Bucket; **E** = Drain Head Extension Adapter (1);
9 = 90-deg. Side Outlet Connection (2);

1: Cast Iron - MIP x FIP thread 2: For 3" and 4" drains only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	7" ROUND STRAINER			
862-227NRE	2" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-237NRE	3" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-247NRE	4" No-Hub - 7" Nikl-Brnz Ring & Strainer	B	1	1
	10" ROUND STRAINER			
862-2210NRE	2" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-2310NRE	3" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-2410NRE	4" No-Hub - 10" Nikl-Brnz Ring & Strainer	B	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

Cast Iron - No-Hub Connection

Stainless Steel Ring & Strainer

862-245SR

Options: Add suffix to item no.
B = Sediment Bucket; **E** = Drain Head Extension Adapter (1);
9 = 90-deg. Side Outlet Connection (2);

1: Cast Iron - MIP x FIP thread 2: For 3" and 4" drains only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	5" ROUND STRAINER			
862-225SR	2" No-Hub - 5" Stnls Steel Ring & Strainer	B	1	1
862-235SR	3" No-Hub - 5" Stnls Steel Ring & Strainer	B	1	1
862-245SR	4" No-Hub - 5" Stnls Steel Ring & Strainer	B	1	1

862-245SQ

Cast Iron - No-Hub Connection (Cont)

Stainless Steel Ring & Strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	6" ROUND STRAINER			
862-226SR	2" No-Hub - 6" Stnls Steel Ring & Strainer	B	1	1
862-236SR	3" No-Hub - 6" Stnls Steel Ring & Strainer	B	1	1
862-246SR	4" No-Hub - 6" Stnls Steel Ring & Strainer	B	1	1
	5" SQUARE STRAINER			
862-225SQ	2" No-Hub - 5" Stnls Steel Ring & Strainer	B	1	1
862-235SQ	3" No-Hub - 5" Stnls Steel Ring & Strainer	B	1	1
862-245SQ	4" No-Hub - 5" Stnls Steel Ring & Strainer	B	1	1
	6" SQUARE STRAINER			
862-226SQ	2" No-Hub - 6" Stnls Steel Ring & Strainer	B	1	1
862-236SQ	3" No-Hub - 6" Stnls Steel Ring & Strainer	B	1	1
862-246SQ	4" No-Hub - 6" Stnls Steel Ring & Strainer	B	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

862-237I

862-237IN

862-239I

Cast Iron - No-Hub Connection

Cast Iron Strainer

Options: Add suffix to item no.
B = Sediment Bucket; **E** = Drain Head Extension Adapter (1);
9 = 90-deg. Side Outlet Connection (2);

1: Cast Iron - MIP x FIP thread 2: For 3" and 4" drains only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	7" ROUND STRAINER			
862-227I	2" No-Hub - 7" Ductile Iron Ring & Strainer	B	1	1
862-227IN	2" No-Hub - 7-1/4" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-237I	3" No-Hub - 7" Ductile Iron Ring & Strainer	B	1	1
862-237IN	3" No-Hub - 7-1/4" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-247I	4" No-Hub - 7" Ductile Iron Ring & Strainer	B	1	1
862-247IN	4" No-Hub - 7-1/4" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
	9" ROUND STRAINER			
862-229I	2" No-Hub - 9" Ductile Iron Ring & Strainer	B	1	1
862-229IN	2" No-Hub - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-239I	3" No-Hub - 9" Ductile Iron Ring & Strainer	B	1	1
862-239IN	3" No-Hub - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-249I	4" No-Hub - 9" Ductile Iron Ring & Strainer	B	1	1
862-249IN	4" No-Hub - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1

Cast Iron - No-Hub Connection (Cont)

Cast Iron Strainer

862-239INQ

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	9" SQUARE STRAINER			
862-229INQ	2" No-Hub - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-229IQ	2" No-Hub - 9" Ductile Iron Ring & Strainer	B	1	1
862-239INQ	3" No-Hub - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-239IQ	3" No-Hub - 9" Ductile Iron Ring & Strainer	B	1	1
862-249INQ	4" No-Hub - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-249IQ	4" No-Hub - 9" Ductile Iron Ring & Strainer	B	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

Cast Iron - Push-Joint Connection

Nickel-Bronze Ring & Strainer

Options: Add suffix to item no.
E = Drain Head Extension Adapter (1); **B** = Sediment Bucket;

1: Cast Iron - MIP x FIP thread

862-625NR

862-625NQ

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	5" ROUND STRAINER			
862-625NR	2" PJ Conn. - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-635NR	3" PJ Conn. - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-645NR	4" PJ Conn. - 5" Nikl-Brnz Ring & Strainer	B	1	1
	6" ROUND STRAINER			
862-626NR	2" PJ Conn. - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-636NR	3" PJ Conn. - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-646NR	4" PJ Conn. - 6" Nikl-Brnz Ring & Strainer	B	1	1
	7" ROUND STRAINER			
862-627NR	2" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-637NR	3" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-647NR	4" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
	8" ROUND STRAINER			
862-628NR	2" PJ Conn. - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-638NR	3" PJ Conn. - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-648NR	4" PJ Conn. - 8" Nikl-Brnz Ring & Strainer	B	1	1
	10" ROUND STRAINER			
862-6210NR	2" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-6310NR	3" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-6410NR	4" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
	5" SQUARE STRAINER			
862-625NQ	2" PJ Conn. - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-635NQ	3" PJ Conn. - 5" Nikl-Brnz Ring & Strainer	B	1	1
862-645NQ	4" PJ Conn. - 5" Nikl-Brnz Ring & Strainer	B	1	1

Cast Iron - Push-Joint Connection (Cont)

Nickel-Bronze Ring & Strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	6" SQUARE STRAINER			
862-626NQ	2" PJ Conn. - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-636NQ	3" PJ Conn. - 6" Nikl-Brnz Ring & Strainer	B	1	1
862-646NQ	4" PJ Conn. - 6" Nikl-Brnz Ring & Strainer	B	1	1
	7" SQUARE STRAINER			
862-627NQ	2" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-637NQ	3" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-647NQ	4" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
	8" SQUARE STRAINER			
862-628NQ	2" PJ Conn. - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-638NQ	3" PJ Conn. - 8" Nikl-Brnz Ring & Strainer	B	1	1
862-648NQ	4" PJ Conn. - 8" Nikl-Brnz Ring & Strainer	B	1	1
	10" SQUARE STRAINER			
862-6210NQ	2" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-6310NQ	3" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-6410NQ	4" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Cast Iron - Push-Joint Connection

Nickel-Bronze Ring & Strainer - Extended Rim

862-627NRE

Options: Add suffix to item no.
B = Sediment Bucket; **E** = Drain Head Extension Adapter (1);

1: Cast Iron - MIP x FIP thread

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	7" ROUND STRAINER			
862-627NRE	2" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-637NRE	3" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
862-647NRE	4" PJ Conn. - 7" Nikl-Brnz Ring & Strainer	B	1	1
	10" ROUND STRAINER			
862-6210NRE	2" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-6310NRE	3" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
862-6410NRE	4" PJ Conn. - 10" Nikl-Brnz Ring & Strainer	B	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

Cast Iron - Push-Joint Connection

Stainless Steel Ring & Strainer

Options: Add suffix to item no.
B = Sediment Bucket; **E** = Drain Head Extension Adapter (1);

1: Cast Iron - MIP x FIP thread

862-625SR

862-625SQ

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	5" ROUND STRAINER			
862-625SR	2" PJ Conn. - 5" Stnls Steel Ring & Strainer	B	1	1
862-635SR	3" PJ Conn. - 5" Stnls Steel Ring & Strainer	B	1	1
862-645SR	4" PJ Conn. - 5" Stnls Steel Ring & Strainer	B	1	1
	6" ROUND STRAINER			
862-626SR	2" PJ Conn. - 6" Stnls Steel Ring & Strainer	B	1	1
862-636SR	3" PJ Conn. - 6" Stnls Steel Ring & Strainer	B	1	1
862-646SR	4" PJ Conn. - 6" Stnls Steel Ring & Strainer	B	1	1
	5" SQUARE STRAINER			
862-625SQ	2" PJ Conn. - 5" Stnls Steel Ring & Strainer	B	1	1
862-635SQ	3" PJ Conn. - 5" Stnls Steel Ring & Strainer	B	1	1
862-645SQ	4" PJ Conn. - 5" Stnls Steel Ring & Strainer	B	1	1
	6" SQUARE STRAINER			
862-626SQ	2" PJ Conn. - 6" Stnls Steel Ring & Strainer	B	1	1
862-636SQ	3" PJ Conn. - 6" Stnls Steel Ring & Strainer	B	1	1
862-646SQ	4" PJ Conn. - 6" Stnls Steel Ring & Strainer	B	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

Cast Iron - Push-Joint Connection

Cast Iron Strainer

Options: Add suffix to item no.
B = Sediment Bucket; **E** = Drain Head Extension Adapter (1);

1: Cast Iron - MIP x FIP thread

862-627I

862-627IN

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	7" ROUND STRAINER			
862-627I	2" PJ Conn. - 7" Ductile Iron Ring & Strainer	B	1	1
862-627IN	2" PJ Conn. - 7-1/4" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-637I	3" PJ Conn. - 7" Ductile Iron Ring & Strainer	B	1	1
862-637IN	3" PJ Conn. - 7-1/4" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-647I	4" PJ Conn. - 7" Ductile Iron Ring & Strainer	B	1	1
862-647IN	4" PJ Conn. - 7-1/4" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1

862-629I

862-639INQ

Cast Iron - Push-Joint Connection (Cont)

Cast Iron Strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	9" ROUND STRAINER			
862-629I	2" PJ Conn. - 9" Ductile Iron Ring & Strainer	B	1	1
862-629IN	2" PJ Conn. - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-639I	3" PJ Conn. - 9" Ductile Iron Ring & Strainer	B	1	1
862-639IN	3" PJ Conn. - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-649I	4" PJ Conn. - 9" Ductile Iron Ring & Strainer	B	1	1
862-649IN	4" PJ Conn. - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
	9" SQUARE STRAINER			
862-629INQ	2" PJ Conn. - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-629IQ	2" PJ Conn. - 9" Ductile Iron Ring & Strainer	B	1	1
862-639INQ	3" PJ Conn. - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-639IQ	3" PJ Conn. - 9" Ductile Iron Ring & Strainer	B	1	1
862-649INQ	4" PJ Conn. - 9-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
862-649IQ	4" PJ Conn. - 9" Ductile Iron Ring & Strainer	B	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

Halo™ Floor Drains

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
M = Clamping collar kit (1); **V** = Vandal-Resistant Strainer;
B = Complies with BABAA (2); **E** = Extended Ring (2);

1: Add 'M' code after dash - other options to end of item no. 2: For round nickel bronze ring/strainer only

822-2DNR

822-2DSQ

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
822-2DNQ	2" No-Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-2DNR	2" No-Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
822-3DNQ	3" No-Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-3DNR	3" No-Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
	STAINLESS STEEL RING & STRAINER			
822-2DSQ	2" No-Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-2DSR	2" No-Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
822-3DSQ	3" No-Hub - 5-7/8" Sqr Ring & Strainer	BI	4	4
822-3DSR	3" No-Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
	ACCESSORIES			
822-EX3CQ	Ductile Iron Extension Adapter	BI	1	1
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-35CQ	Trapshield™ For 3-1/2" Drain Outlet	BI	1	25
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

FinishLine Halo™ Floor Drains

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
M = Clamping collar kit (1); **V** = Vandal-Resistant Strainer;
B = Complies with BABAA (2); **E** = Extended Ring (2);

1: Add 'M' code after dash - other options to end of item no. 2: For round nickel bronze ring/strainer only

822-2DF

832-3DHNQ

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
822-2DF	2" No-Hub	BI	1	1
822-3DF	3" No-Hub	BI	1	4
	FINISH FIXTURE			
832-3DHNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-3DHNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3DHSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3DHSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1

822-F3DSR

FinishLine Halo™ Floor Drains (Cont)

Cast Iron - No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPLETE ASSEMBLY			
822-F2DNQ	2" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
822-F2DNR	2" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
822-F2DSQ	2" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
822-F2DSR	2" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
822-F3DNQ	3" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
822-F3DNR	3" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
822-F3DSQ	3" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
822-F3DSR	3" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
822-EX3CQ	Ductile Iron Extension Adapter	BI	1	1
832-EX3CQ	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-S3CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

9" Diameter

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
S = ABS Sand Bucket; **U** = ABS Debris Bucket;
C = Cast Iron Clamping Collar; **V** = Vandal-Resistant Strainer (1);
W = Stainless Steel Debris Basket; **F** = Round Nickel-Bronze Condensate Funnel;
FA = Round Aluminum Condensate Funnel; **FO** = Oval Nickel-Bronze Condensate Funnel;
6 = ABS Flat Strainer for Drain Outlet (2);

1: Not available for drains with cast iron strainers 2: Not available for 6" drains

860-22N

860-23Z

860-22I

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
860-22N	2" No-Hub - 10" Rnd Grate	BI	1	1
860-23N	3" No-Hub - 10" Rnd Grate	BI	1	1
860-24N	4" No-Hub - 10" Rnd Grate	BI	1	1
860-26N	6" No-Hub - 10" Rnd Grate	BI	1	1
	STAINLESS STEEL RING & STRAINER			
860-22Z	2" No-Hub - 10" Rnd Grate	BI	1	1
860-23Z	3" No-Hub - 10" Rnd Grate	BI	1	1
860-24Z	4" No-Hub - 10" Rnd Grate	BI	1	1
860-26Z	6" No-Hub - 10" Rnd Grate	BI	1	1
	CAST IRON STRAINER			
860-22I	2" No-Hub - 9-1/4" Rnd Grate	BI	1	1
860-23I	3" No-Hub - 9-1/4" Rnd Grate	BI	1	1
860-24I	4" No-Hub - 9-1/4" Rnd Grate	BI	1	1
860-26I	6" No-Hub - 9-1/4" Rnd Grate	BI	1	1

9" Diameter

Cast Iron - Push-Joint Connection

Options: Add suffix to item no.
S = ABS Sand Bucket; **U** = ABS Debris Bucket;
C = Cast iron Clamping Collar; **V** = Vandal-Resistant Strainer (1);
W = Stainless Steel Debris Basket; **F** = Round Nickel-Bronze Condensate Funnel;
FA = Round Aluminum Condensate Funnel; **FO** = Oval Nickel-Bronze Condensate Funnel;
6 = ABS Flat Strainer for Drain Outlet; **P** = Push-Joint Gasket to fit Sch. 40 Pipe (2);

1: Not available for drains with cast iron strainers 2: For drains with 3" and 4" push-joint connections

860-62N

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
860-62N	2" PJ Conn. - 10" Rnd Grate	BI	1	1
860-63N	3" PJ Conn. - 10" Rnd Grate	BI	1	1
860-64N	4" PJ Conn. - 10" Rnd Grate	BI	1	1

860-63Z

860-62I

860-R222I

860-Q222I

9" Diameter (Cont)

Cast Iron - Push-Joint Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL RING & STRAINER			
860-62Z	2" PJ Conn. - 10" Rnd Grate	BI	1	1
860-63Z	3" PJ Conn. - 10" Rnd Grate	BI	1	1
860-64Z	4" PJ Conn. - 10" Rnd Grate	BI	1	1
	CAST IRON STRAINER			
860-62I	2" PJ Conn. - 9-1/4" Rnd Grate	BI	1	1
860-63I	3" PJ Conn. - 9-1/4" Rnd Grate	BI	1	1
860-64I	4" PJ Conn. - 9-1/4" Rnd Grate	BI	1	1

12" Diameter

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
9 = 90-deg. Side Outlet Connection (1); **B** = Sediment Bucket (2);
S = Sump Receiver; **P** = Top Mount Sump Receiver;
C = Underdeck Clamp; **E** = Adjustable Extension;
T = Threaded Adjustable Extension; **H** = Hinged Square Grate (3);
X = Extra Heavy-duty Grate;

1: For 3" & 4" drains only 2: Not available for drains with extensions 3: Not available for drains with round strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND CAST IRON STRAINER			
860-R222I	2" No-Hub - 12" Ring & Strainer	B	1	1
860-R223I	3" No-Hub - 12" Ring & Strainer	B	1	1
860-R224I	4" No-Hub - 12" Ring & Strainer	B	1	1
860-R226I	6" No-Hub - 12" Ring & Strainer	B	1	1
860-R228I	8" No-Hub - 12" Ring & Strainer	B	1	1
	ROUND CAST IRON STRAINER - NICKEL-BRONZE VENEER			
860-R222IN	2" No-Hub - 12" Ring & Strainer	B	1	1
860-R223IN	3" No-Hub - 12" Ring & Strainer	B	1	1
860-R224IN	4" No-Hub - 12" Ring & Strainer	B	1	1
860-R226IN	6" No-Hub - 12" Ring & Strainer	B	1	1
860-R228IN	8" No-Hub - 12" Ring & Strainer	B	1	1
	SQUARE CAST IRON STRAINER			
860-Q222I	2" No-Hub - 12" Ring & Strainer	B	1	1
860-Q223I	3" No-Hub - 12" Ring & Strainer	B	1	1
860-Q224I	4" No-Hub - 12" Ring & Strainer	B	1	1
860-Q226I	6" No-Hub - 12" Ring & Strainer	B	1	1
860-Q228I	8" No-Hub - 12" Ring & Strainer	B	1	1

12" Diameter (Cont)

Cast Iron - No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SQUARE CAST IRON STRAINER - NICKEL-BRONZE VENEER			
860-Q222IN	2" No-Hub - 12" Ring & Strainer	B	1	1
860-Q223IN	3" No-Hub - 12" Ring & Strainer	B	1	1
860-Q224IN	4" No-Hub - 12" Ring & Strainer	B	1	1
860-Q226IN	6" No-Hub - 12" Ring & Strainer	B	1	1
860-Q228IN	8" No-Hub - 12" Ring & Strainer	B	1	1

12" Diameter

Cast Iron - Push-Joint Connection

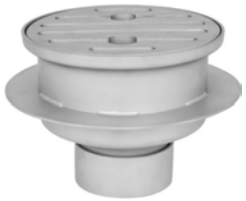
Options: Add suffix to item no.
B = Sediment Bucket (1); **S** = Sump Receiver;
P = Top Mount Sump Receiver; **C** = Underdeck Clamp;
E = Adjustable Extension; **T** = Threaded Adjustable Extension;
H = Hinged Square Grate (2); **X** = Extra Heavy-duty Grate;

1: Not available for drains with extensions 2: Not available for drains with round strainer

860-R262I

860-Q262I

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND CAST IRON STRAINER			
860-R262I	2" PJ Conn. - 12" Ring & Strainer	B	1	1
860-R263I	3" PJ Conn. - 12" Ring & Strainer	B	1	1
860-R264I	4" PJ Conn. - 12" Ring & Strainer	B	1	1
860-R266I	6" PJ Conn. - 12" Ring & Strainer	B	1	1
	ROUND CAST IRON STRAINER - NICKEL-BRONZE VENEER			
860-R262IN	2" PJ Conn. - 12" Ring & Strainer	B	1	1
860-R263IN	3" PJ Conn. - 12" Ring & Strainer	B	1	1
860-R264IN	4" PJ Conn. - 12" Ring & Strainer	B	1	1
860-R266IN	6" PJ Conn. - 12" Ring & Strainer	B	1	1
	SQUARE CAST IRON STRAINER			
860-Q262I	2" PJ Conn. - 12" Ring & Strainer	B	1	1
860-Q263I	3" PJ Conn. - 12" Ring & Strainer	B	1	1
860-Q264I	4" PJ Conn. - 12" Ring & Strainer	B	1	1
860-Q266I	6" PJ Conn. - 12" Ring & Strainer	B	1	1
	SQUARE CAST IRON STRAINER - NICKEL-BRONZE VENEER			
860-Q262IN	2" PJ Conn. - 12" Ring & Strainer	B	1	1
860-Q263IN	3" PJ Conn. - 12" Ring & Strainer	B	1	1
860-Q264IN	4" PJ Conn. - 12" Ring & Strainer	B	1	1
860-Q266IN	6" PJ Conn. - 12" Ring & Strainer	B	1	1


860-3SS

860-3SSS

Stainless Steel

No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DRAINS			
860-3SS	3" No-Hub - 6-3/4" Rnd Grate	BI	1	1
860-4SS	4" No-Hub - 8-7/8" Rnd Grate	BI	1	1
	ACCESSORIES			
860-3SSS	6-3/4" Rnd Grate	BI	1	1
860-4SSS	8-7/8" Rnd Grate	BI	1	1
860-4SSU	Debris Bucket For 860-4SS	BI	1	1

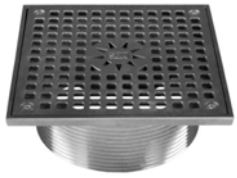
Adjustable Floor Drain Head

Nickel-Bronze - MIP Thread Connection

Options: Add suffix to item no.
B = Sediment Bucket;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND STRAINER			
862-45LNR	4" MIP - 5" Nikl-Brnz Ring & Strainer	BI	1	20
862-46LNR	4" MIP - 6" Nikl-Brnz Ring & Strainer	BI	1	20
862-47LNR	4" MIP - 7" Nikl-Brnz Ring & Strainer	BI	1	12
862-48LNR	4" MIP - 8" Nikl-Brnz Ring & Strainer	BI	1	8
862-410LNR	4" MIP - 10" Nikl-Brnz Ring & Strainer	BI	1	8
	SQUARE STRAINER			
862-45LNQ	4" MIP - 5" Nikl-Brnz Ring & Strainer	BI	1	20
862-46LNQ	4" MIP - 6" Nikl-Brnz Ring & Strainer	BI	1	16
862-47LNQ	4" MIP - 7" Nikl-Brnz Ring & Strainer	BI	1	12
862-48LNQ	4" MIP - 8" Nikl-Brnz Ring & Strainer	BI	1	8
862-410LNQ	4" MIP - 10" Nikl-Brnz Ring & Strainer	BI	1	4
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

862-45LNR



862-45LNQ

Adjustable Floor Drain Head

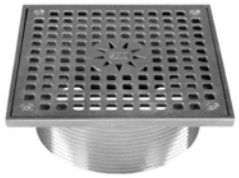
Nickel-Bronze Extended Rim - MIP Thread Connection

Options: Add suffix to item no.
B = Sediment Bucket;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND EXTENDED RIM			
862-47LNRE	4" MIP - 7" Nikl-Brnz Ring & Strainer w/ Extended Rim	BI	1	8
862-410LNRE	4" MIP - 10" Nikl-Brnz Ring & Strainer w/ Extended Rim	BI	1	8
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

862-47LNRE

862-45LSR



862-45LSQ

Adjustable Floor Drain Head

Stainless Steel - MIP Thread Connection

Options: Add suffix to item no.
B = Sediment Bucket;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND STRAINER			
862-45LSR	4" MIP - 5" Stnls Steel Ring & Strainer	BI	1	24
862-46LSR	4" MIP - 6" Stnls Steel Ring & Strainer	BI	1	20
	SQUARE STRAINER			
862-45LSQ	4" MIP - 5" Stnls Steel Ring & Strainer	BI	1	20
862-46LSQ	4" MIP - 6" Stnls Steel Ring & Strainer	BI	1	16
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

862-47LI

862-47LIN

Adjustable Floor Drain Head

Cast Iron - MIP Thread Connection

Options: Add suffix to item no.
B = Sediment Bucket;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND CAST IRON RING & STRAINER			
862-47LI	4" MIP - 7" Ductile Iron Ring & Strainer	BI	1	1
862-49LI	4" MIP - 9" Ductile Iron Ring & Strainer	BI	1	1
	ROUND CAST IRON RING & STRAINER - NICKEL-BRONZE VENEER			
862-47LIN	4" MIP - 7" Ductile Iron Ring & Strainer w/ NB Veneer	BI	1	4
862-49LIN	4" MIP - 9" Ductile Iron Ring & Strainer w/ NB Veneer	BI	1	1
	SQUARE CAST IRON RING & STRAINER			
862-49LIQ	4" MIP - 9" Ductile Iron Ring & Strainer	BI	1	1
	SQUARE CAST IRON RING & STRAINER - NICKEL-BRONZE VENEER			
862-49LINQ		BI	1	1
	ACCESSORIES			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

835-3CQ

TrapShield™

Trap Protection Device

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
835-2CQ	Trapshield™ For 2" Drain Outlet	BI	1	50
835-35CQ	Trapshield™ For 3-1/2" Drain Outlet	BI	1	25
835-3CQ	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4CQ	Trapshield™ For 4" Drain Outlet	BI	1	20

DeckAnchor™ Fixture Mounting Fitting

Cast Iron - No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
836-2	DeckAnchor™ 2" No-Hub	BI	1	1
836-3	DeckAnchor™ 3" No-Hub	BI	1	1
836-4	DeckAnchor™ 4" No-Hub	BI	1	1
836-6	DeckAnchor™ 6" No-Hub	BI	1	1

836-2

Floor Drain Adapters

Flashing Drain Adapters - 4" FIP Thread

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON - NO-HUB CONNECTION			
862-B22	4" FIP x 2" No-Hub	B	1	1
862-B23	4" FIP x 3" No-Hub	B	1	1
862-B24	4" FIP x 4" No-Hub	B	1	1
	CAST IRON - PUSH-JOINT CONNECTION			
862-B62	4" FIP x 2" PJ Conn.	B	1	1
862-B63	4" FIP x 3" PJ Conn.	B	1	1
862-B64	4" FIP x 4" PJ Conn.	B	1	1

862-B23

862-B63

Floor Drain Adapters

Push-Joint Adapters

Options: Add suffix to item no.
P = Push-joint gasket to fit Sc. 40 ABS/PVC pipe;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON - FIP X PUSH-JOINT ADAPTER			
858-63L	3" PJ Conn. w/ 3" FIP Thread	BI	1	4
858-64L	4" PJ Conn. w/ 4" FIP Thread	BI	1	4

858-64L

Floor Drain Adapters

Extension Adapter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON - MIP X FIP HEAD EXTENSION			
862-EX4	4" Threaded Extension Adapter - MIP X FIP	B	1	16

862-EX4

863-FACQ

Condensate Funnels

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND 4"			
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
	OVAL 4" X 9"			
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Specification Floor Sinks

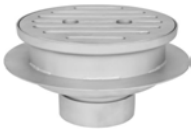
Cast Iron Square Floor Sinks

Cast Iron Round Floor Sinks

Stainless Steel Square Floor Sinks

Stainless Steel Round Floor Sinks

Cast iron floor sinks are enamel coated for resistance to abrasion, acids and corrosion.

861-Q2226 **Page 265**	**861-QF2226** **Page 265**	**861-Q2328** **Page 266**	**861-QF2328** **Page 266**	**861-Q2221** **Page 267**
861-QF2221 **Page 267**	**861-Q2286** **Page 268**	**861-QF2286** **Page 268**	**861-R2286** **Page 271**	**861-RF2286** **Page 271**
				
861-R2228 **Page 270**	**861-RF2228** **Page 270**	**861-SQ2428** **Page 272**	**860-4SS** **Page 273**	

12" x 12" x 6"

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
2 = Open-Half Grate (1); **B** = Aluminum Bucket;
C = Clamping Collar (2); **T** = 1/2" Trap Primer Connection;

1: For sinks with grates only 2: For sinks with anchor flange

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS WITH AL DOME BOTTOM STRAINER			
861-Q2226	2" No-Hub - No Grate	B	1	1
861-Q2226A	2" No-Hub - ARE Grate	B	1	1
861-Q2226N	2" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2226S	2" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-Q2326	3" No-Hub - No Grate	B	1	1
861-Q2326A	3" No-Hub - ARE Grate	B	1	1
861-Q2326N	3" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2326S	3" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-Q2426	4" No-Hub - No Grate	B	1	1
861-Q2426A	4" No-Hub - ARE Grate	B	1	1
861-Q2426N	4" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2426S	4" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-QF2226	2" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2226A	2" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2226N	2" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2226S	2" No-Hub - Stnls Steel Hinged Grate, w/ Flange	B	1	1
861-QF2326	3" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2326A	3" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2326N	3" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2326S	3" No-Hub - Stnls Steel Hinged Grate, w/ Flange	B	1	1
861-QF2426	4" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2426A	4" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2426N	4" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2426S	4" No-Hub - Stnls Steel Hinged Grate, w/ Flange	B	1	1
	ACCESSORIES			
861-BQ2	Aluminum Bucket	B	1	1
861-CQ2	Clamping Collar	B	1	10
861-GAQ2F	A.R.E. Full Grate	B	1	6
861-GAQ2H	A.R.E. Open-Half Grate	B	1	6
861-GNQ2F	Nickl-Brnz Full Grate - Hinged	B	1	1
861-GNQ2H	Nickl-Brnz Open-Half Grate - Hinged	B	1	1
861-GSQ2F	Stnls Steel Full Grate - Hinged	BI	1	1
861-GSQ2H	Stnls Steel Open-Half Grate - Hinged	BI	1	1
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
	TRAP PRIMER ADAPTER			
861-TA22	2" No-Hub - 1/2" FIP	B	1	1
861-TA23	3" No-Hub - 1/2" FIP	B	1	1
861-TA24	4" No-Hub - 1/2" FIP	B	1	1

861-Q2326

861-QF2326

861-GAQ2F

861-TA22

861-Q2328

861-QF2228

861-GNQ2H

861-TA23

12" x 12" x 8"

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
2 = Open-Half Grate (1); **B** = Aluminum Bucket;
C = Clamping Collar (2); **T** = 1/2" Trap Primer Connection;

1: For sinks with grates only 2: For sinks with anchor flange

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS WITH AL DOME BOTTOM STRAINER			
861-Q2228	2" No-Hub - No Grate	B	1	1
861-Q2228A	2" No-Hub - ARE Grate	B	1	1
861-Q2228N	2" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2228S	2" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-Q2328	3" No-Hub - No Grate	B	1	1
861-Q2328A	3" No-Hub - ARE Grate	B	1	1
861-Q2328N	3" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2328S	3" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-Q2428	4" No-Hub - No Grate	B	1	1
861-Q2428A	4" No-Hub - ARE Grate	B	1	1
861-Q2428N	4" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2428S	4" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-QF2228	2" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2228A	2" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2228N	2" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-QF2228S	2" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-QF2328	3" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2328A	3" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2328N	3" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2328S	3" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-QF2428	4" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2428A	4" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2428N	4" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2428S	4" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
	ACCESSORIES			
861-BQ2	Aluminum Bucket	B	1	1
861-CQ2	Clamping Collar	B	1	10
861-GAQ2F	A.R.E. Full Grate	B	1	6
861-GAQ2H	A.R.E. Open-Half Grate	B	1	6
861-GNQ2F	Nickl-Brnz Full Grate - Hinged	B	1	1
861-GNQ2H	Nickl-Brnz Open-Half Grate - Hinged	B	1	1
861-GSQ2F	Stnls Steel Full Grate - Hinged	BI	1	1
861-GSQ2H	Stnls Steel Open-Half Grate - Hinged	BI	1	1
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
	TRAP PRIMER ADAPTER			
861-TA22	2" No-Hub - 1/2" FIP	B	1	1
861-TA23	3" No-Hub - 1/2" FIP	B	1	1
861-TA24	4" No-Hub - 1/2" FIP	B	1	1

12" x 12" x 10"

Cast Iron - No-Hub Connection

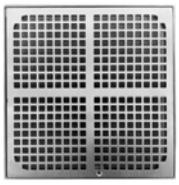
Options: Add suffix to item no.
2 = Open-Half Grate (1); **B** = Aluminum Bucket;
C = Clamping Collar (2); **T** = 1/2" Trap Primer Connection;

1: For sinks with grates only 2: For sinks with anchor flange

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS WITH AL DOME BOTTOM STRAINER			
861-Q2221	2" No-Hub - No Grate	B	1	1
861-Q2221A	2" No-Hub - ARE Grate	B	1	1
861-Q2221N	2" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2221S	2" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-Q2321	3" No-Hub - No Grate	B	1	1
861-Q2321A	3" No-Hub - ARE Grate	B	1	1
861-Q2321N	3" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2321S	3" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-Q2421	4" No-Hub - No Grate	B	1	1
861-Q2421A	4" No-Hub - ARE Grate	B	1	1
861-Q2421N	4" No-Hub - Nikl-Brnz Hinged Grate	B	1	1
861-Q2421S	4" No-Hub - Stnls Steel Hinged Grate	B	1	1
861-QF2221	2" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2221A	2" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2221N	2" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2221S	2" No-Hub - Stnls Steel Hinged Grate, w/ Flange	B	1	1
861-QF2321	3" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2321A	3" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2321N	3" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2321S	3" No-Hub - Stnls Steel Hinged Grate, w/ Flange	B	1	1
861-QF2421	4" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2421A	4" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2421N	4" No-Hub - Nikl-Brnz Hinged Grate, w/ Flange	B	1	1
861-QF2421S	4" No-Hub - Stnls Steel Hinged Grate, w/ Flange	B	1	1
	ACCESSORIES			
861-BQ2	Aluminum Bucket	B	1	1
861-CQ2	Clamping Collar	B	1	10
861-GAQ2F	A.R.E. Full Grate	B	1	6
861-GAQ2H	A.R.E. Open-Half Grate	B	1	6
861-GNQ2F	Nickl-Brnz Full Grate - Hinged	B	1	1
861-GNQ2H	Nickl-Brnz Open-Half Grate - Hinged	B	1	1
861-GSQ2F	Stnls Steel Full Grate - Hinged	BI	1	1
861-GSQ2H	Stnls Steel Open-Half Grate - Hinged	BI	1	1
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
	TRAP PRIMER ADAPTER			
861-TA22	2" No-Hub - 1/2" FIP	B	1	1
861-TA23	3" No-Hub - 1/2" FIP	B	1	1
861-TA24	4" No-Hub - 1/2" FIP	B	1	1

861-Q2221

861-QF2221



861-GNQ2F

861-TA24

861-Q2286

861-QF2286

861-GAQ8H

8" x 8" x 6"

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
2 = Open-Half Grate (1); **3** = Open-Quarter Grate (1);
B = Aluminum Bucket; **C** = Clamping Collar (2);
T = 1/2" Trap Primer Connection;

1: For sinks with grates only 2: For sinks with anchor flange

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS WITH AL DOME BOTTOM STRAINER			
861-Q2286	2" No-Hub - No Grate	B	1	1
861-Q2286A	2" No-Hub - ARE Grate	B	1	1
861-Q2286N	2" No-Hub - Nikl-Brnz Grate	B	1	1
861-Q2286S	2" No-Hub - Stnls Steel Grate	B	1	1
861-Q2386	3" No-Hub - No Grate	B	1	1
861-Q2386A	3" No-Hub - ARE Grate	B	1	1
861-Q2386N	3" No-Hub - Nikl-Brnz Grate	B	1	1
861-Q2386S	3" No-Hub - Stnls Steel Grate	B	1	1
861-Q2486	4" No-Hub - No Grate	B	1	1
861-Q2486A	4" No-Hub - ARE Grate	B	1	1
861-Q2486N	4" No-Hub - Nikl-Brnz Grate	B	1	1
861-Q2486S	4" No-Hub - Stnls Steel Grate	B	1	1
861-QF2286	2" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2286A	2" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2286N	2" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-QF2286S	2" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-QF2386	3" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2386A	3" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2386N	3" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-QF2386S	3" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-QF2486	4" No-Hub - No Grate, w/ Flange	B	1	1
861-QF2486A	4" No-Hub - ARE Grate, w/ Flange	B	1	1
861-QF2486N	4" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-QF2486S	4" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
	ACCESSORIES			
861-BQ8	Aluminum Bucket	B	1	1
861-CQ8	Clamping Collar	BI	8	8
861-GAQ8F	A.R.E. Full Grate	B	1	6
861-GAQ8H	A.R.E. Open-Half Grate	B	1	6
861-GAQ8T	A.R.E. Open-Quarter Grate	B	1	6
861-GNQ8F	Nickl-Brnz Full Grate	B	1	1
861-GNQ8H	Nickl-Brnz Open-Half Grate	B	1	1
861-GNQ8T	Nickl-Brnz Open-Quarter Grate	B	1	1
861-GSQ8F	Stnls Steel Full Grate	B	1	1
861-GSQ8H	Stnls Steel Open-Half Grate	B	1	1
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

8" x 8" x 6" (Cont)

Cast Iron - No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	TRAP PRIMER ADAPTER			
861-TA22	2" No-Hub - 1/2" FIP	B	1	1
861-TA23	3" No-Hub - 1/2" FIP	B	1	1
861-TA24	4" No-Hub - 1/2" FIP	B	1	1

861-TA22

861-R2228

861-RF2228

Nickl-Brnz open-half grate

861-TA24

12" x 8"

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
2 = Open-Half Grate (1); **3** = Open-Quarter Grate (1);
B = Aluminum Bucket; **C** = Clamping Collar (2);
T = 1/2" Trap Primer Connection;

1: For sinks with grates only 2: For sinks with anchor flange

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS WITH AL DOME BOTTOM STRAINER			
861-R2228	2" No-Hub - No Grate	B	1	1
861-R2228A	2" No-Hub - ARE Grate	B	1	1
861-R2228N	2" No-Hub - Nikl-Brnz Grate	B	1	1
861-R2228S	2" No-Hub - Stnls Steel Grate	B	1	1
861-R2328	3" No-Hub - No Grate	B	1	1
861-R2328A	3" No-Hub - ARE Grate	B	1	1
861-R2328N	3" No-Hub - Nikl-Brnz Grate	B	1	1
861-R2328S	3" No-Hub - Stnls Steel Grate	B	1	1
861-R2428	4" No-Hub - No Grate	B	1	1
861-R2428A	4" No-Hub - ARE Grate	B	1	1
861-R2428N	4" No-Hub - Nikl-Brnz Grate	B	1	1
861-R2428S	4" No-Hub - Stnls Steel Grate	B	1	1
861-RF2228	2" No-Hub - No Grate, w/ Flange	B	1	1
861-RF2228A	2" No-Hub - ARE Grate, w/ Flange	B	1	1
861-RF2228N	2" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-RF2228S	2" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-RF2328	3" No-Hub - No Grate, w/ Flange	B	1	1
861-RF2328A	3" No-Hub - ARE Grate, w/ Flange	B	1	1
861-RF2328N	3" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-RF2328S	3" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-RF2428	4" No-Hub - No Grate, w/ Flange	B	1	1
861-RF2428A	4" No-Hub - ARE Grate, w/ Flange	B	1	1
861-RF2428N	4" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-RF2428S	4" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
	ACCESSORIES			
861-BR2	Aluminum Bucket	B	1	1
861-CR2	Collar Clamp	B	1	1
861-GAR2F	A.R.E. Full Grate	B	1	6
861-GAR2H	A.R.E. Open-Half Grate	B	1	6
861-GNR2F	Nickl-Brnz Full Grate	B	1	1
861-GNR2H	Nickl-Brnz Open-Half Grate	B	1	1
861-GNR2T	Nickl-Brnz Open-Quarter Grate	B	1	1
861-GSR2F	Stnls Steel Full Grate	B	1	1
861-GSR2H	Stnls Steel Open-Half Grate	B	1	1
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
	TRAP PRIMER ADAPTER			
861-TA22	2" No-Hub - 1/2" FIP	B	1	1
861-TA23	3" No-Hub - 1/2" FIP	B	1	1
861-TA24	4" No-Hub - 1/2" FIP	B	1	1

8" x 6"

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
2 = Open-Half Grate (1); **3** = Open-Quarter Grate (1);
B = Aluminum Bucket; **C** = Clamping Collar with Anchor Flange;
T = 1/2" Trap Primer Connection;

1: For sinks with grates only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS WITH AL DOME BOTTOM STRAINER			
861-R2286	2" No-Hub - No Grate	B	1	1
861-R2286A	2" No-Hub - ARE Grate	B	1	1
861-R2286N	2" No-Hub - Nikl-Brnz Grate	B	1	1
861-R2286S	2" No-Hub - Stnls Steel Grate	B	1	1
861-R2386	3" No-Hub - No Grate	B	1	1
861-R2386A	3" No-Hub - ARE Grate	B	1	1
861-R2386N	3" No-Hub - Nikl-Brnz Grate	B	1	1
861-R2386S	3" No-Hub - Stnls Steel Grate	B	1	1
861-R2486	4" No-Hub - No Grate	B	1	1
861-R2486A	4" No-Hub - ARE Grate	B	1	1
861-R2486N	4" No-Hub - Nikl-Brnz Grate	B	1	1
861-R2486S	4" No-Hub - Stnls Steel Grate	B	1	1
861-RF2286	2" No-Hub - No Grate, w/ Flange	B	1	1
861-RF2286A	2" No-Hub - ARE Grate, w/ Flange	B	1	1
861-RF2286N	2" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-RF2286S	2" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-RF2386	3" No-Hub - No Grate, w/ Flange	B	1	1
861-RF2386A	3" No-Hub - ARE Grate, w/ Flange	B	1	1
861-RF2386N	3" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-RF2386S	3" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
861-RF2486	4" No-Hub - No Grate, w/ Flange	B	1	1
861-RF2486A	4" No-Hub - ARE Grate, w/ Flange	B	1	1
861-RF2486N	4" No-Hub - Nikl-Brnz Grate, w/ Flange	B	1	1
861-RF2486S	4" No-Hub - Stnls Steel Grate, w/ Flange	B	1	1
	ACCESSORIES			
861-BR8	Aluminum Bucket	B	1	1
861-CR8	Collar Clamp	B	1	1
861-GAR8F	A.R.E. Full Grate	B	1	6
861-GAR8H	A.R.E. Open-Half Grate	B	1	6
861-GNR8F	Nickl-Brnz Full Grate	B	1	1
861-GNR8H	Nickl-Brnz Open-Half Grate	B	1	1
861-GSR8F	Stnls Steel Full Grate	B	1	1
861-GSR8H	Stnls Steel Open-Half Grate	B	1	1
863-FACQ	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FNCQ	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNOCQ	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
	TRAP PRIMER ADAPTER			
861-TA22	2" No-Hub - 1/2" FIP	B	1	1
861-TA23	3" No-Hub - 1/2" FIP	B	1	1
861-TA24	4" No-Hub - 1/2" FIP	B	1	1

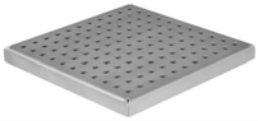
861-R2286

861-RF2286

861-GAR8T

861-TA23

861-SQ2428



861-GKQ2F

12" x 12" x 8"

Stainless Steel No-Hub Connection

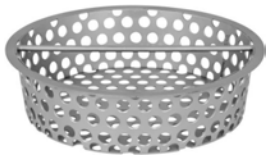
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS WITH DOME BOTTOM STRAINER			
861-SQ2428	4" No-Hub - No Grate	BI	1	1
	ACCESSORIES			
861-BKQ2	Stainless Steel Debris Basket - Fits In Bottom of Sump Area	BI	1	1
861-GKQ2F	Stainless Steel Grate - 11ga. Square Perforated Pattern - Full	BI	1	1
861-GKQ2FL	Stainless Steel Grate - Heavy-Duty, High-Inflow Ladder Pattern - Full	BI	1	1
861-GKQ2FW	Stainless Steel Grate - Heavy-Duty, Heel-Resistant Wire Pattern - Full	BI	1	1
861-GKQ2H	Stainless Steel Grate - 11ga. Square Perforated Pattern - Open-Half	BI	1	1

Round Floor Sinks

Stainless Steel No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS			
860-3SS	3" No-Hub - 6-3/4" Rnd Grate	BI	1	1
860-4SS	4" No-Hub - 8-7/8" Rnd Grate	BI	1	1
	ACCESSORIES			
860-3SSS	6-3/4" Rnd Grate	BI	1	1
860-4SSS	8-7/8" Rnd Grate	BI	1	1
860-4SSU	Debris Bucket For 860-4SS	BI	1	1

860-4SS



860-4SSU

868-522

868-524B

15" Roof Drain - Bravo Series

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
9 = 90-deg. Side Outlet Connection (1); **2** = 2" High SS Perforated Extension;
4 = 4" High SS Perforated Extension; **D** = 6" High SS Perforated Dome Cover;
P = Top Mount Sump Receiver; **S** = Sump Receiver;
C = Underdeck Clamp; **E** = Threaded Adjustable Extension;
G = 2" High SS Perforated Gravel Guard; **K** = 4" High SS Perforated Gravel Guard;
H = 4" High Internal Water Dam; **W** = 2" High External Water Dam;

1: Not available for 6" or 8" drains

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON DOME			
868-523	3" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-524	4" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-526	6" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-528	8" No-Hub w/ Cast Iron Dome Strainer	B	1	1
	POLY DOME			
868-523B	3" No-Hub w/ Poly Dome Strainer	B	1	1
868-524B	4" No-Hub w/ Poly Dome Strainer	B	1	1
868-526B	6" No-Hub w/ Poly Dome Strainer	B	1	1
868-528B	8" No-Hub w/ Poly Dome Strainer	B	1	1
	ALUMINUM DOME			
868-523A	3" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-524A	4" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-526A	6" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-528A	8" No-Hub w/ Aluminum Dome Strainer	B	1	1
	ACCESSORIES			
868-5AD	Aluminum Dome Strainer	B	1	1
868-5CD	Cast Iron Dome Strainer	BI	1	1
868-5EXT	Adjustable/Threaded Extension Assembly Kit	BI	1	1
868-5PD	ABS Dome Strainer	BI	1	1
868-5S	Sump Receiver - Coated Steel	BI	1	1
868-5S2	Double Sump Receiver Only - Coated Steel	BI	1	1
868-5SH	Top Mount Hardware Kit: Angle Brackets, Screws	BI	1	50
868-5U	Underdeck Clamp Kit: Clamping Ring, Thread Rod, Nuts, Washers	BI	1	1
868-5WD	External Water Dam - 2" High	BI	1	5

15" Adjustable Weir Roof Drain

Cast Iron - No-Hub Connection

868-F524

Options: Add suffix to item no.
9 = 90-deg. Side Outlet Connection (1); **2** = 2" High SS Perforated Extension;
4 = 4" High SS Perforated Extension; **P** = Top Mount Sump Receiver;
S = Sump Receiver; **C** = Underdeck Clamp;
E = Adjustable Extension Assembly Kit; **G** = 2" High SS Perforated Gravel Guard;
K = 4" High SS Perforated Gravel Guard;

1: Not available for 6" drains

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON DOME			
868-F523	3" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-F524	4" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-F526	6" No-Hub w/ Cast Iron Dome Strainer	B	1	1
	POLY DOME			
868-F523B	3" No-Hub w/ Poly Dome Strainer	B	1	1
868-F524B	4" No-Hub w/ Poly Dome Strainer	B	1	1
868-F526B	6" No-Hub w/ Poly Dome Strainer	B	1	1
	ALUMINUM DOME			
868-F523A	3" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-F524A	4" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-F526A	6" No-Hub w/ Aluminum Dome Strainer	B	1	1

11" Roof Drain

Cast Iron - No-Hub Connection

868-I4M

Options: Add suffix to item no.
V = Vandal-Resistant Dome; **W** = 2-3/16" High External Water Dam;
P = Steel Screen Installed Over Dome Strainer; **U** = Underdeck Clamp Kit;
S = Sump Receiver; **E** = Extension Collar Kit;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLY DOME			
868-I3	3" No-Hub	BI	1	2
868-I4	4" No-Hub	BI	1	2
868-I6	6" No-Hub	BI	1	2
	ALUMINUM DOME			
868-I3M	3" No-Hub	BI	2	2
868-I4M	4" No-Hub	BI	1	2
868-I6M	6" No-Hub	BI	1	1

11" Roof Drain (Cont)

Cast Iron - No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
868-CCQ	Under Deck Clamp Kit: 11" Epoxy-Coated Clamping Plate, Thread Rod, Nuts & Washers	BI	1	5
868-ECQ	Extension Collar Kit: Extension Collar Plate, Thread Rod, Nuts & Washers	BI	1	5
868-MCCQ	Epoxy-Coated Aluminum Replacement Gravel Guard	BI	1	10
868-MDCQ	Dome Strainer - 9-1/4" Diameter, Cast Aluminum	BI	1	5
868-S2CQ	Double Sump Receiver Plate for 11" Roof Drain	BI	1	1
868-SCQ	Sump Receiver Plate for 11" Roof Drain	BI	1	10
868-WDCQ	Epoxy-Coated Aluminum External Water Dam, 2-3/16"	BI	1	1

10" Roof Drain

Cast Iron - No-Hub Connection

868-123

Options: Add suffix to item no.
P = Top Mount Sump Receiver; **S** = Sump Receiver;
W = 2" High Internal Water Dam;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON DOME			
868-123	3" No Hub w/ Cast Iron Dome Strainer	B	1	1
868-124	4" No Hub w/ Cast Iron Dome Strainer	B	1	1

10" Weir Roof Drain

Cast Iron No-Hub Connection

868-F123

Options: Add suffix to item no.
P = Top Mount Sump Receiver; **S** = Sump Receiver;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ADJUSTABLE WEIR			
868-F123	3" No Hub w/ Cast Iron Dome Strainer	B	1	1
868-F124	4" No Hub w/ Cast Iron Dome Strainer	B	1	1
	FIXED WEIR			
868-M123	3" No Hub w/ Cast Iron Dome Strainer	B	1	1
868-M124	4" No Hub w/ Cast Iron Dome Strainer	B	1	1

8" Roof Drain

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
9 = 90-deg. Side Outlet Connection; **T** = Top Mount Sump Receiver;
S = Sump Receiver; **C** = Underdeck Clamp Kit;
W = 2" High Internal Water Dam; **P** = SS Mesh Dome Cover;

868-824

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ALUMINUM DOME			
868-823	3" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-824	4" No-Hub w/ Aluminum Dome Strainer	B	1	1

20" Large-Capacity Roof Drain

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
H = Undermount Hardware Kit; **U** = Underdeck Clamp Kit;
S = Sump Receiver; **W** = 2" High External Water Dam;

868-2010

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROOF DRAINS			
868-2010	10" No-Hub - Cast Iron Dome	BI	1	1
868-2012	12" No-Hub - Cast Iron Dome	BI	1	1
	ACCESSORIES			
868-20CD	Cast Iron Dome Strainer	BI	1	1
868-20S	Sump Receiver	BI	1	1
868-20SH	Undermount Hardware Kit: Angle Brackets, Thread Rod, Nuts, Washers	BI	1	1
868-20U	Underdeck Clamp Kit: 4 Pieces Thread Rod, Nuts, Washers, Two Clamping Bars	BI	1	1
868-20WD	External Water Dam – 2" High	BI	1	1

868-D524

868-D524A

15" Roof Drain & Overflow

Cast Iron - No-Hub Connection

· 4" High internal water dam (for overflow fixture) is standard. Can be cut/shortened per specifications

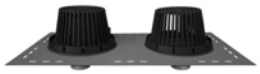
Options: Add suffix to item no.
2 = 2" High SS Perforated Extension; **4** = 4" High SS Perforated Extension;
W = 2" External Water Dam (1); **E** = Threaded Adjustable Extension;
G = 2" High SS Perforated Gravel Guard; **K** = 4" High SS Perforated Gravel Guard;
P = Top Mount Hardware Kit; **C** = Underdeck Clamp;

1: In lieu of internal water dam (for overflow fixture)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON DOME			
868-D523	3" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-D524	4" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-D526	6" No-Hub w/ Cast Iron Dome Strainer	B	1	1
868-D528	8" No-Hub w/ Cast Iron Dome Strainer	B	1	1
	POLY DOME			
868-D523B	3" No-Hub w/ Poly Dome Strainer	B	1	1
868-D524B	4" No-Hub w/ Poly Dome Strainer	B	1	1
868-D526B	6" No-Hub w/ Poly Dome Strainer	B	1	1
868-D528B	8" No-Hub w/ Poly Dome Strainer	B	1	1
	ALUMINUM DOME			
868-D523A	3" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-D524A	4" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-D526A	6" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-D528A	8" No-Hub w/ Aluminum Dome Strainer	B	1	1
	ACCESSORIES			
868-5AD	Aluminum Dome Strainer	B	1	1
868-5CD	Cast Iron Dome Strainer	BI	1	1
868-5EXT	Adjustable/Threaded Extension Assembly Kit	BI	1	1
868-5PD	ABS Dome Strainer	BI	1	1
868-5S2	Double Sump Receiver Only - Coated Steel	BI	1	1
868-5SH	Top Mount Hardware Kit: Angle Brackets, Screws	BI	1	50
868-5U	Underdeck Clamp Kit: Clamping Ring, Thread Rod, Nuts, Washers	BI	1	1

10" Roof Drain & Overflow

Cast Iron - No-Hub Connection


868-D123

· 4" High internal water dam (for overflow fixture). Can be cut/shortened per specifications

Options: Add suffix to item no.
P = Top Mount Hardware Kit; **C** = Underdeck Clamp;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
868-D123	3" No Hub w/ Cast Iron Dome Strainer	B	1	1
868-D124	4" No Hub w/ Cast Iron Dome Strainer	B	1	1

8" Roof Drain & Overflow

Cast Iron - No-Hub Connection

868-D824

· 4" High internal water dam (for overflow fixture). Can be cut/shortened per specifications

Options: Add suffix to item no.
9 = 90-deg. Side Outlet Connection; **T** = Top Mount Hardware Kit;
C = Underdeck Clamp; **P** = SS Mesh Dome Cover;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
868-D823	3" No-Hub w/ Aluminum Dome Strainer	B	1	1
868-D824	4" No-Hub w/ Aluminum Dome Strainer	B	1	1

868-R623I

868-R623IN

868-Q624IN

Promenade Drain

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
2 = 2" High SS Perforated Extension; **4** = 4" High SS Perforated Extension;
9 = 90-deg. Side Outlet Connection (1); **B** = Sediment Bucket (2);
C = Underdeck Clamp; **E** = Threaded Adjustable Extension;
P = Top Mount Sump Receiver; **S** = Sump Receiver;
X = Extra Heavy-Duty Grate;

1: For 3" & 4" drains only 2: Not available for drains with Adjustable Extension

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND DUCTILE STRAINER			
868-R623I	3" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
868-R624I	4" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
868-R626I	6" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
868-R628I	8" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
	ROUND DUCTILE STRAINER - NICKEL-BRONZE VENEER			
868-R623IN	3" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
868-R624IN	4" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
868-R626IN	6" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
868-R628IN	8" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
	SQUARE DUCTILE STRAINER			
868-Q623I	3" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
868-Q624I	4" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
868-Q626I	6" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
868-Q628I	8" No-Hub - 16" Ductile Iron Ring & Strainer	B	1	1
	SQUARE DUCTILE STRAINER - NICKEL-BRONZE VENEER			
868-Q623IN	3" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
868-Q624IN	4" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
868-Q626IN	6" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
868-Q628IN	8" No-Hub - 16-3/8" Ductile Iron w/ NB Veneer Ring & Strainer	B	1	1
	ACCESSORIES			
868-5EXT	Adjustable/Threaded Extension Assembly Kit	BI	1	1
868-5S	Sump Receiver - Coated Steel	BI	1	1
868-5SH	Top Mount Hardware Kit: Angle Brackets, Screws	BI	1	50
868-5U	Underdeck Clamp Kit: Clamping Ring, Thread Rod, Nuts, Washers	BI	1	1

Cast Iron - FIP Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ANGLE ALUMINUM STRAINER			
868-S3A	3" FIP Scupper w/ Angled Aluminum Grate	BI	1	1
868-S4A	4" FIP Scupper w/ Angled Aluminum Grate	BI	1	1
868-S6A	6" FIP Scupper w/ Angled Aluminum Grate	BI	1	1
	FLUSH ALUMINUM STRAINER			
868-S3F	3" FIP Scupper w/ Flush Aluminum Grate	BI	1	1
868-S4F	4" FIP Scupper w/ Flush Aluminum Grate	BI	1	1
868-S6F	6" FIP Scupper w/ Flush Aluminum Grate	BI	1	1

868-S4A

868-S4F

868-N3H

868-N6F

Nickel-Bronze Downspout Nozzles

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NO-HUB CONNECTION			
868-N3H	Downspout Nozzle 3” w/ Ring No-Hub Connection	BI	1	1
868-N4H	Downspout Nozzle 4” w/ Ring No-Hub Connection	BI	1	1
868-N6H	Downspout Nozzle 6” w/ Ring No-Hub Connection	BI	1	1
868-N8H	Downspout Nozzle 8” w/ Ring No-Hub Connection	BI	1	1
	FIP THREAD CONNECTION			
868-N3F	Downspout Nozzle 3” w/ Ring FIP Thread Connection	BI	1	1
868-N4F	Downspout Nozzle 4” w/ Ring FIP Thread Connection	BI	1	1
868-N6F	Downspout Nozzle 6” w/ Ring FIP Thread Connection	BI	1	1
868-N8F	Downspout Nozzle 8” w/ Ring FIP Thread Connection	BI	1	1
	ACCESSORIES			
868-NS3	3” Bird Screen w/ Screws	BI	1	50
868-NS4	4” Bird Screen w/ Screws	BI	1	50
868-NS6	6” Bird Screen w/ Screws	BI	1	50
868-NS8	8” Bird Screen w/ Screws	BI	1	50

Stainless Steel Downspout Nozzle Cover

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
868-N3S	3", Hinged Cover	BI	1	1
868-N4S	4", Hinged Cover	BI	1	1
868-N6S	6", Hinged Cover	BI	1	1
868-N8S	8", Hinged Cover	BI	1	1

868-V234

Vent Cap

Cast Iron - Set Screw Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
868-V234	Cast Iron Vent Cap For 2", 3", Or 4" Pipe	BI	1	1

Specification Cleanouts

FinishLine™ Adjustable Cleanouts

Access Cover Cleanouts

Halo™ Cleanouts

Cleanout Fittings

Wall Cleanouts

Plugs

FinishLine™ Cleanouts are adjustable both before and AFTER the concrete pour.

The FinishLine virtually eliminates cleanouts set too low or not level. Installations are faster, easier, and more professional looking.

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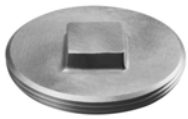
 **876-RS30** **Page 297**				

Cast Iron - No-Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker; **B** = Brass Cleanout Plug (1);
Z = Complies with BABAA (2); **H** = Special-Duty Cover (15,000 lbs. safe load);

1: In lieu of polypro (standard) 2: For round nickel-bronze covers only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
834-3DF	3" No-Hub	BI	1	5
834-4DF	4" No-Hub	BI	1	5
	FINISH FIXTURE			
834-4DHIR	6-1/2" Rnd Ductile Iron Ring & Cover	BI	1	10
834-4DHNQ	6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	10
834-4DHNR	6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	10
834-4DHSQ	6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-4DHSR	6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	COMPLETE ASSEMBLY			
834-3DIR	3" No-Hub - 6-1/2" Rnd Ductile Iron Ring & Cover	BI	1	1
834-3DNQ	3" No-Hub - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-3DNR	3" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-3DSQ	3" No-Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-3DSR	3" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
834-4DIR	4" No-Hub - 6-1/2" Rnd Ductile Iron Ring & Cover	BI	1	1
834-4DNQ	4" No-Hub - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-4DNR	4" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-4DSQ	4" No-Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-4DSR	4" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	ACCESSORIES			
832-EX4CQ	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10

834-3DF

834-4DHIR

834-3DIR

834-49DF

834-6DHNR

834-6DIR

Cast Iron - No-Hub Connection

9" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: specify letters;
C = Carpet Marker; **B** = Brass Cleanout Plug (1);
F = Clamping Collar; **P** = PVC Base Adapter with Sch. 40 Hub Connection (2);

1: In lieu of polypro (standard) 2: In lieu of cast iron base adapter (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
834-49DF	4" No-Hub	BI	1	1
834-6DF	6" No-Hub	BI	1	1
	FINISH FIXTURE			
834-6DHIR	9" Rnd Iron Ring & Cover	BI	1	1
834-6DHNR	9" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-6DHSR	9" Rnd Stnls Steel Ring & Cover	BI	1	1
	COMPLETE ASSEMBLY			
834-49DIR	4" No-Hub - 9" Rnd Ductile Iron Ring & Cover	BI	1	1
834-49DNR	4" No-Hub - 9" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-49DSR	4" No-Hub - 9" Rnd Stnls Steel Ring & Cover	BI	1	1
834-6DIR	6" No-Hub - 9" Rnd Ductile Iron Ring & Cover	BI	1	1
834-6DNR	6" No-Hub - 9" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-6DSR	6" No-Hub - 9" Rnd Stnls Steel Ring & Cover	BI	1	1
	ACCESSORIES			
832-PCQ	Coring Plug Wrench	BI	1	1
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10

834-63DF

Cast Iron - Push-Joint Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters (1);
C = Carpet Marker; **B** = Brass Cleanout Plug (2);
Z = Complies with BABAA (3); **P** = Push-joint Gasket to fit Sch. 40 ABS/PVC Pipe;
H = Special-Duty Cover (15,000 lbs. safe load);

1: Not available for iron covers. 2: In lieu of polypro (standard) 3: For round nickel-bronze covers only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
834-63DF	3" PJ Conn.	BI	1	1
834-64DF	4" PJ Conn.	BI	1	1

Cast Iron - Push-Joint Connection (Cont)

6-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FINISH FIXTURE			
834-4DHIR	6-1/2" Rnd Ductile Iron Ring & Cover	BI	1	10
834-4DHNQ	6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	10
834-4DHNR	6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	10
834-4DHSQ	6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-4DHSR	6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	COMPLETE ASSEMBLY			
834-63DIR	3" PJ Conn. - 6-1/2" Rnd Ductile Iron Ring & Cover	BI	1	1
834-63DNQ	3" PJ Conn. - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-63DNR	3" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-63DSQ	3" PJ Conn. - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-63DSR	3" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
834-64DIR	4" PJ Conn. - 6-1/2" Rnd Ductile Iron Ring & Cover	BI	1	1
834-64DNQ	4" PJ Conn. - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-64DNR	4" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-64DSQ	4" PJ Conn. - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-64DSR	4" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	ACCESSORIES			
832-EX4CQ	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10

834-4DHIR

834-63DNQ

Stainless Steel - No-Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Cover;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
834-3SF	3" No-Hub	BI	1	1
834-4SF	4" No-Hub	BI	1	1
	FINISH FIXTURE			
834-4SHSQ	6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-4SHSR	6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	COMPLETE ASSEMBLY			
834-3SSQ	3" No-Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-3SSR	3" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
834-4SSQ	4" No-Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-4SSR	4" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	ACCESSORIES			
832-PCQ	Coring Plug Wrench	BI	1	1
832-S4CQ	Two Adjustment Shims, Two 3/4" Screws	BI	1	10
832-WCQ	Flexible Red Locating Bristles w/ Screw	BI	1	10

834-3SF

834-4SHSR

834-3SSR

854-24NR

854-24NQ

Cast Iron - No-Hub Connection

Nickel-Bronze Cover

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
C = Nickel-Bronze Carpet Clamp; **M** = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-23NR	3" No-Hub - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1
854-24NR	4" No-Hub - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1
	SQUARE COVER			
854-23NQ	3" No-Hub - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1
854-24NQ	4" No-Hub - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1

854-24SR

Cast Iron - No-Hub Connection

Stainless Steel Cover

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
M = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-23SR	3" No-Hub - 5-1/4" Stainless Steel Ring & Cover	B	1	1
854-24SR	4" No-Hub - 5-1/4" Stainless Steel Ring & Cover	B	1	1

Cast Iron - No-Hub Connection

Ductile Iron Cover

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
C = Nickel-Bronze Carpet Clamp; **M** = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-23I	3" No-Hub - 5-1/4" Ductile Iron Ring & Cover	B	1	1
854-24I	4" No-Hub - 5-1/4" Ductile Iron Ring & Cover	B	1	1
854-26I	6" No-Hub - 8-1/4" Ductile Iron Ring & Cover	B	1	1
854-28I	8" No-Hub - 9-1/4" Ductile Iron Ring & Cover	B	1	1
	SQUARE COVER			
854-23IQ	3" No-Hub - 5-1/4" Ductile Iron Ring & Cover	B	1	1
854-24IQ	4" No-Hub - 5-1/4" Ductile Iron Ring & Cover	B	1	1

854-24I

854-24IQ

Cast Iron - No-Hub Connection

Ductile Iron Cover with Nickel-Bronze Veneer

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
C = Nickel-Bronze Carpet Clamp; **M** = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-23IN	3" No-Hub - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-24IN	4" No-Hub - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-26IN	6" No-Hub - 8-3/4" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-28IN	8" No-Hub - 9-3/4" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
	SQUARE COVER			
854-23INQ	3" No-Hub - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-24INQ	4" No-Hub - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1

854-24IN

854-22INQ

854-22IS

Cast Iron - No-Hub Connection

Ductile Iron Cover with Stainless Steel Veneer

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
M = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-23IS	3" No-Hub - 5-5/8" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1
854-24IS	4" No-Hub - 5-5/8" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1
854-26IS	6" No-Hub - 8-3/4" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1
854-28IS	8" No-Hub - 9-3/4" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1

854-64NR

854-64NQ

Cast Iron - Push-Joint Connection

Nickel-Bronze Cover

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
C = Nickel-Bronze Carpet Clamp; **M** = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-63NR	3" PJ Conn. - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1
854-64NR	4" PJ Conn. - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1
	SQUARE COVER			
854-63NQ	3" PJ Conn. - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1
854-64NQ	4" PJ Conn. - 5-1/4" Nickel-Bronze Ring & Cover	B	1	1

Cast Iron - Push-Joint Connection

Stainless Steel Cover

854-64SR

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
M = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-63SR	3" PJ Conn. - 5-1/4" Stainless Steel Ring & Cover	B	1	1
854-64SR	4" PJ Conn. - 5-1/4" Stainless Steel Ring & Cover	B	1	1

Cast Iron - Push-Joint Connection

Ductile Iron Cover

854-62I

854-62IQ

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
C = Nickel-Bronze Carpet Clamp; **M** = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-63I	3" PJ Conn. - 5-1/4" Ductile Iron Ring & Cover	B	1	1
854-64I	4" PJ Conn. - 5-1/4" Ductile Iron Ring & Cover	B	1	1
854-66I	6" PJ Conn. - 8-1/4" Ductile Iron Ring & Cover	B	1	1
854-68I	8" PJ Conn. - 9-1/4" Ductile Iron Ring & Cover	B	1	1
	SQUARE COVER			
854-63IQ	3" PJ Conn. - 5-1/4" Ductile Iron Ring & Cover	B	1	1
854-64IQ	4" PJ Conn. - 5-1/4" Ductile Iron Ring & Cover	B	1	1

854-62IN

854-62INQ

Cast Iron - Push-Joint Connection

Ductile Iron Cover with Nickel-Bronze Veneer

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
C = Nickel-Bronze Carpet Clamp; **M** = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-63IN	3" PJ Conn. - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-64IN	4" PJ Conn. - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-66IN	6" PJ Conn. - 8-3/4" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-68IN	8" PJ Conn. - 9-3/4" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
	SQUARE COVER			
854-63INQ	3" PJ Conn. - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1
854-64INQ	4" PJ Conn. - 5-5/8" Ductile Iron w/ NB Veneer Ring & Cover	B	1	1

854-62IS

Cast Iron - Push-Joint Connection

Ductile Iron Cover with Stainless Steel Veneer

Options: Add suffix to item no.
B = Brass Cleanout Plug (1); **F** = Anchor Flange with Clamping Collar;
M = Carpet Marker;

1: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND COVER			
854-63IS	3" PJ Conn. - 5-5/8" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1
854-64IS	4" PJ Conn. - 5-5/8" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1
854-66IS	6" PJ Conn. - 8-3/4" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1
854-68IS	8" PJ Conn. - 9-3/4" Ductile Iron w/ SS Veneer Ring & Cover	B	1	1

Cast Iron - No-Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker (1);

1: Not available for cast iron covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE COVER			
851-24N	4" Cast Iron No-Hub - 6" Rnd Ring & Cover	BI	1	2
	TENZ-ALLOY COVER			
851-24T	4" Cast Iron No-Hub - 6" Rnd Ring & Cover	BI	1	2
	CAST IRON COVER			
851-24I	4" Cast Iron No-Hub - 6" Rnd Ring & Cover	BI	1	2

851-24N

851-24I

Cast Iron - Push-Joint Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker (1); **P** = Push-Joint Gasket to fit Sch. 40 ABS/PVC Pipe (2);

1: Not available for cast iron covers 2: For 4" cleanouts only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE COVER			
851-64N	4" Cast Iron PJ Conn. - 6" Rnd Ring & Cover	BI	1	2
851-66N	6" Cast Iron PJ Conn. - 8-3/8" Rnd Ring & Cover	BI	1	2
	TENZ-ALLOY COVER			
851-64T	4" Cast Iron PJ Conn. - 6" Rnd Ring & Cover	BI	1	2
851-66T	6" Cast Iron PJ Conn. - 8-3/8" Rnd Ring & Cover	BI	1	2
	CAST IRON COVER			
851-64I	4" Cast Iron PJ Conn. - 6" Rnd Ring & Cover	BI	1	2
851-66I	6" Cast Iron PJ Conn. - 8-3/8" Rnd Ring & Cover	BI	1	2

851-64N

851-64I

Heavy-Duty Cleanout Housing

Double Flanged

Options: Add suffix to item no.
S = Stamping: Specify Letters;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CAST IRON			
850-9I	8-1/2" Inner Diam, w/ Lifting Device	BI	1	1
	NB LAMINATED CAST IRON			
850-9IN	8-1/2" Inner Diam, w/ Lifting Device	BI	1	1

850-9I

822-C3DNQ

822-C3DSR

Halo™ Adjustable Cleanouts

Cast Iron - No-Hub Connection

· Halo cleanout fixtures include 882-ST302 mechanical sealing plug

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & COVER			
822-C3DNQ	3" No-Hub - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C3DNR	3" No-Hub - 5-1/2" Rnd Ring & Cover	BI	1	4
	STAINLESS STEEL RING & COVER			
822-C3DSQ	3" No-Hub - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C3DSR	3" No-Hub - 5-1/2" Rnd Ring & Cover	BI	1	1

822-C3DF

834-3DHNR

822-CF3DNQ

FinishLine Halo™ Adjustable Cleanouts

Cast Iron - No-Hub Connection

· Halo cleanout fixtures include 882-ST302 mechanical sealing plug

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
822-C3DF	3" No-Hub	BI	1	1
	FINISH FIXTURE			
834-3DHNQ	5-7/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-3DHNR	5-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-3DHSQ	5-7/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-3DHSR	5-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	COMPLETE ASSEMBLY			
822-CF3DNQ	3" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
822-CF3DNR	3" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
822-CF3DSQ	3" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Cover	BI	1	1
822-CF3DSR	3" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1

Cleanout Tees

Cast Iron - No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
853-T23I	3" No-Hub w/ Brass Plug	BI	1	6
853-T24I	4" No-Hub w/ Brass Plug	BI	1	4
853-T26I	6" No-Hub w/ Brass Plug	BI	1	1
853-T28I	8" No-Hub w/ Brass Plug	BI	1	1

853-T24I

Cleanout Ferrules

Cleanout Ferrules

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
853-F23I	3" No-Hub w/ Brass Plug	BI	1	27
853-F24I	4" No-Hub w/ Brass Plug	BI	1	16
853-F26I	6" No-Hub w/ Brass Plug	BI	1	4

853-F23I

870-93

Cleanout Covers

Heavy-Duty Stainless Steel

Options: Add suffix to item no.
S = Stamping: Specify Letters;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	16-GA COVER			
870-93	3" Diameter	BI	10	10
870-94	4" Diameter	BI	10	10
870-95	5" Diameter	BI	10	10
870-96	6" Diameter	BI	10	10
870-98	8" Diameter	BI	10	10

873-8

873-36

Cleanout Cover Kits

Stainless Steel

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	20-GA COVER WITH SCREW			
873-10	10" Cover, 3-1/2" Screw	B	1	1
873-6	6" Cover, 3-1/2" Screw	BI	1	1
873-8	8" Cover, 3-1/2" Screw	BI	1	25
	20-GA COVER WITH SCREW AND BRASS PLUG			
873-26	6" Cover, 2" Plug, 3-1/2" Screw	BI	1	10
873-356	6" Cover, 3-1/2" Plug, 3-1/2" Screw	BI	1	1
873-36	6" Cover, 3" Plug, 3-1/2" Screw	BI	1	1
873-48	8" Cover, 4" Plug, 3-1/2" Screw	BI	1	1
873-610	10" Cover, 6" Plug, 3-1/2" Screw	BI	1	1
873-810	10" Cover, 8" Plug, 3-1/2" Screw	BI	1	1

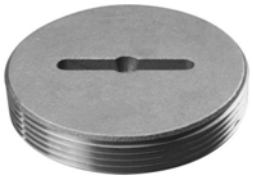
971-99

Square Access Panels

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
971-77	7" × 7", Metal	B	1	8
971-99	9" × 9", Metal	B	1	8

Brass - Slotted

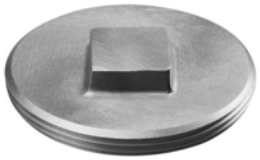
- Plugs are tapped 1/4"-20 for cover screw



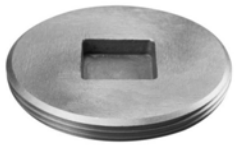
876-SL25

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
876-SL15	1-1/2"	BI	10	10
876-SL20	2"	BI	10	10
876-SL25	2-1/2"	BI	10	10
876-SL30	3"	BI	10	10
876-SL35	3-1/2"	BI	10	10
876-SL40	4"	BI	10	10
876-SL60	6"	BI	10	10
876-SL80	8"	BI	10	10

Brass - Square-Head



876-RS30



876-CS25

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	RAISED SQUARE			
876-RS15	1-1/2"	BI	10	10
876-RS20	2"	BI	10	10
876-RS25	2-1/2"	BI	10	10
876-RS30	3"	BI	10	10
876-RS35	3-1/2"	BI	10	10
876-RS40	4"	BI	10	10
876-RS50	5"	BI	10	10
876-RS60	6"	BI	10	10
876-RS80	8"	BI	10	10
	COUNTERSUNK SQUARE			
876-CS15	1-1/2"	BI	10	10
876-CS20	2"	BI	10	10
876-CS25	2-1/2"	BI	10	10
876-CS30	3"	BI	10	10
876-CS35	3-1/2"	BI	10	10
876-CS40	4"	BI	10	10
876-CS60	6"	BI	10	10
876-CS80	8"	BI	10	10

Notes:

Specification Fixture Carriers

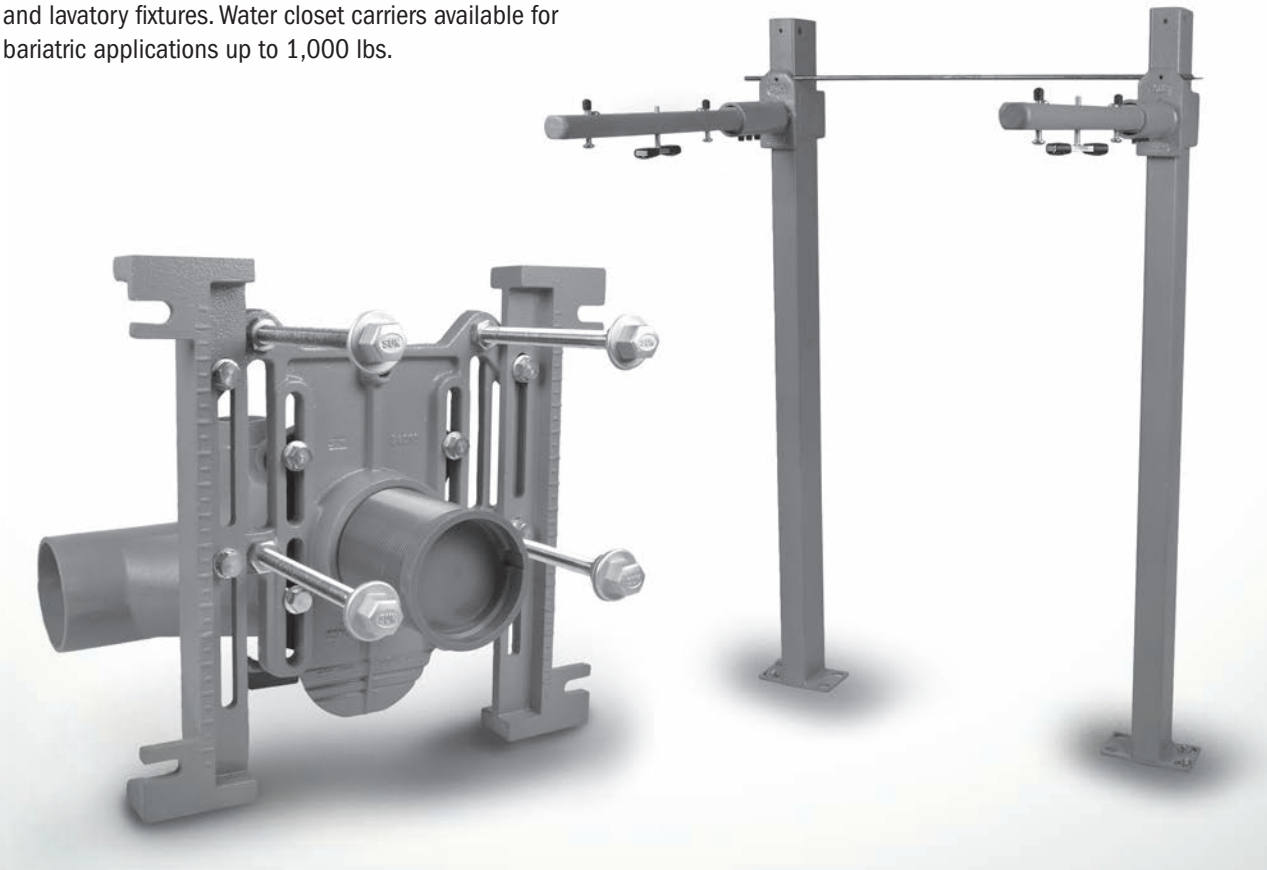
Water Closet Carriers

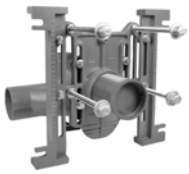
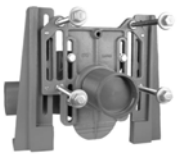
Lavatory Carriers

Urinal Carriers

Water-Cooler Carriers

Floor-mounted Carriers and supports for commercial water closet and lavatory fixtures. Water closet carriers available for bariatric applications up to 1,000 lbs.



 **837-HSR** **Page 301**	 **837-HXR** **Page 302**	**837-HBR** **Page 302**	**837-VS10** **Page 302**	**837-VX10** **Page 303**
837-VB10 **Page 303**	**837-7P** **Page 306**	**837-7D2** **Page 307**		

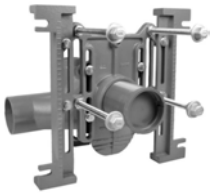
Horizontal

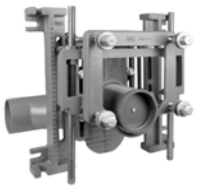
Standard (500 Lb)

Options: Add suffix to item no.
T = 12" ABS Threaded Coupling (1);

1: In lieu of 6" coupling (standard)

Related Products
Carrier Bracket p 516


837-HSR


837-HSRW

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
837-HSD	4" No-Hub, Double	B	1	1
837-HSL	4" No-Hub, Left	B	1	1
837-HSR	4" No-Hub, Right	B	1	1
	WIDE CHASE			
837-HSDW	4" No-Hub, Double	B	1	1
837-HSLW	4" No-Hub, Left	B	1	1
837-HSRW	4" No-Hub, Right	B	1	1

Horizontal

Standard (500 Lb) with PVC Fitting

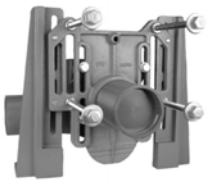
Options: Add suffix to item no.
T = 12" ABS Coupling (1);

1: In lieu of 6" coupling (standard)

Related Products
Carrier Bracket p 516

837-PHSL

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
837-PHSL	4" PVC Spigot, Left	B	1	1
837-PHSR	4" PVC Spigot, Right	B	1	1



837-HXR

Horizontal

Extra-Heavy (750 Lb)

Options: Add suffix to item no.
T = 12" ABS Threaded Coupling (1);

1: In lieu of 6" coupling (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
837-HXD	4" No-Hub, Double	B	1	1
837-HXL	4" No-Hub, Left	B	1	1
837-HXR	4" No-Hub, Right	B	1	1

837-HBR

Horizontal

Bariatric (1,000 Lb)

Options: Add suffix to item no.
T = 12" ABS Threaded Coupling (1);

1: In lieu of 6" coupling (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
837-HBD	4" No-Hub, Double	B	1	1
837-HBL	4" No-Hub, Left	B	1	1
837-HBR	4" No-Hub, Right	B	1	1

837-VS10

Vertical

Standard (500 Lb)

Options: Add suffix to item no.
T = 12" ABS Threaded Coupling (1);

1: In lieu of 6" coupling (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
837-VS10	4" No-Hub, No-Side Inlet	B	1	1
837-VS12	4" No-Hub, 2 Side Inlets	B	1	1
837-VS1L	4" No-Hub, Left Side Inlet	B	1	1
837-VS1R	4" No-Hub, Right Side Inlet	B	1	1
837-VS20	4" No-Hub, No-Side Inlet, Double	B	1	1
837-VS21	4" No-Hub, 1 Side Inlet, Double	B	1	1
837-VS22	4" No-Hub, 2 Side Inlets Double	B	1	1

Vertical (Cont)

Standard (500 Lb)

837-VS12W

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WIDE CHASE			
837-VS10W	4" No-Hub, No-Side Inlet	B	1	1
837-VS12W	4" No-Hub, Two Side Inlets	B	1	1
837-VS1LW	4" No-Hub, Left Side Inlet	B	1	1
837-VS1RW	4" No-Hub, Right Side Inlet	B	1	1
837-VS20W	4" No-Hub, No-Side Inlet, Double	B	1	1
837-VS21W	4" No-Hub, 1 Side Inlet, Double	B	1	1
837-VS22W	4" No-Hub, 2 Side Inlets Double	B	1	1

Vertical

Extra-Heavy (750 Lb)

837-VX10

Options: Add suffix to item no.
T = 12" ABS Threaded Coupling (1);

1: In lieu of 6" coupling (standard)

837-VX21

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINGLE			
837-VX10	4" No-Hub, No-Side Inlet	B	1	1
837-VX12	4" No-Hub, 2 Side Inlets	B	1	1
837-VX1L	4" No-Hub, Left Side Inlet	B	1	1
837-VX1R	4" No-Hub, Right Side Inlet	B	1	1
	DOUBLE			
837-VX20	4" No-Hub, No-Side Inlet, Double	B	1	1
837-VX21	4" No-Hub, 1 Side Inlet, Double	B	1	1
837-VX22	4" No-Hub, 2 Side Inlets Double	B	1	1

Vertical

Bariatric (1,000 Lb)

837-VB10

Options: Add suffix to item no.
T = 12" ABS Threaded Coupling (1);

1: In lieu of 6" coupling (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINGLE			
837-VB10	4" No-Hub, No-Side Inlet	B	1	1
837-VB12	4" No-Hub, 2 Side Inlets	B	1	1
837-VB1L	4" No-Hub, Left Side Inlet	B	1	1
837-VB1R	4" No-Hub, Right Side Inlet	B	1	1

837-VB21

Vertical (Cont)

Bariatric (1,000 Lb)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DOUBLE			
837-VB20	4" No-Hub, No-Side Inlet, Double	B	1	1
837-VB21	4" No-Hub, 1 Side Inlet, Double	B	1	1
837-VB22	4" No-Hub, 2 Side Inlets Double	B	1	1

837-FPA

837-TF

837-RA

Closet Carrier Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WC CARRIER COUPLINGS			
837-06	4" ABS Threaded WC Coupling - 6" Long	BI	1	1
837-12	4" ABS Threaded WC Coupling - 12" Long	BI	1	1
	FACE PLATE ASSEMBLY KIT			
837-FPA	WC Carrier Faceplate Assembly Kit - Standard	BI	1	1
	WASTE FITTINGS			
837-HSDF	Back-To-Back Horizontal Cast Iron Fitting for Closet Carrier	BI	1	1
837-HSLF	Left-Hand Horizontal Cast Iron Fitting for Closet Carrier	BI	1	1
837-HSRF	Right-Hand Horizontal Cast Iron Fitting for Closet Carrier	BI	1	1
	TILING FRAME			
837-TF	Finish Tiling Frame for Closet Carrier - ABS	BI	1	20
	SUPPORT LEGS & ANCHORS			
837-LEG	Standard Leg Support (1) for WC Carrier Faceplate - Reversible	BI	1	1
837-LEGHL	Heavy-Duty Leg Support for WC Carrier Faceplate - Left	BI	1	1
837-LEGHR	Heavy-Duty Leg Support for WC Carrier Faceplate - Right	BI	1	1
837-RA	Rear Anchor Support Kit for WC Carrier - Standard	BI	1	35
	HARDWARE PACKS			
837-FH	Finish Hardware Pack for WC Carrier	BI	1	30
837-RH	Rough-in Hardware Pack for WC Carrier	BI	1	35
837-TR	Thread Rod & Sleeve Pack for WC Carrier	BI	1	15

Concealed Arm

Options: Add suffix to item no.
B = Back-to-Back Carrier;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
837-7C15	Lavatory Carrier, 15" Concealed Arm	B	1	1
837-7C18	Lavatory Carrier, 18" Concealed Arm	B	1	1
837-7C22	Lavatory Carrier, 22" Concealed Arm	B	1	1

837-7C15

Adjustable Concealed Arm

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
837-7CA15	Lavatory Carrier, 15" Adjustable Concealed Arm	B	1	1
837-7CA18	Lavatory Carrier, 18" Adjustable Concealed Arm	B	1	1
837-7CA22	Lavatory Carrier, 22" Adjustable Concealed Arm	B	1	1

Plate Type

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CARRIER			
837-7PL	Fixture Carrier, Single-Plate Type For Lavatory	B	1	1
	WALL PLATE			
837-7W	Fixture Carrier, Wall Plate for Lavatory / Urinal / Water Cooler	B	1	1

837-7PL

837-7W

837-7D

837-7P

Plate Type

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CARRIER			
837-7D	Fixture Carrier, Dual-Plate Type For Urinal	B	1	1
837-7P	Fixture Carrier, Single-Plate Type For Urinal	B	1	1
	WALL PLATE			
837-7W	Fixture Carrier, Wall Plate for Lavatory / Urinal / Water Cooler	B	1	1

Plate Type

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINGLE			
837-7DC	Fixture Carrier, Dual-Plate Type For Water Cooler	B	1	1
837-7PC	Fixture Carrier, Single-Plate Type For Water Cooler	B	1	1
	SIDE-BY-SIDE			
837-7D2	Fixture Carrier, SxS Dual-Plate Type For Water Cooler	B	1	1
837-7P2	Fixture Carrier, SxS Single-Plate Type For Water Cooler	B	1	1
	WALL PLATE			
837-7W	Fixture Carrier, Wall Plate for Lavatory / Urinal / Water Cooler	B	1	1

837-7DC

837-7PC

837-7D2

837-7P2

Notes:

Commercial Drainage

Floor Drains

Floor Sinks

Roof Drains

Cleanouts

Commercial Drainage

Floor Drains

Adjustable and non-adjustable floor drains for on-grade and above-grade applications. Cast iron, PVC and ABS connections available. Designed in accordance with ASME A112.6.3 Standard for Floor and Trench Drains.
Note: All floor drains installed in above-grade applications must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Floor Sinks

PVC floor sinks designed for direct or indirect waste applications.
Designed in accordance with ASME A112.6.7 Standard for Sanitary Floor Sinks.
Note: All floor sinks installed in above-grade applications must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Roof Drains

Roof drain, overflow, scupper and accessory fixtures available with PVC and ABS connections.
Designed in accordance with ASME A112.6.4 Standard for Roof, Deck, and Balcony Drains.
Note: All roof drains must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Cleanouts

Adjustable and non-adjustable cleanout fixtures provide access to drain lines. PVC and ABS connections available. Designed in accordance with ASME A112.36.2M Standard for Cleanouts.
Note: All roof drains must be leak tested for watertightness according to local codes and standards. Failure to do so will void the warranty.

Commercial Floor Drains

FinishLine™ On-Grade Floor Drains

FatMax™ Floor Drains

FinishLine™ Above-Grade Floor Drains

Halo™ Floor Drains

Floor Drain Accessories

Sioux Chief's FinishLine™ Floor drain system is adjustable both before and AFTER the concrete pour.

The FinishLine virtually eliminates drains set too low or not level. Installations that are faster, easier, and more professional looking.

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PVC/ABS - Sch. 40 Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer;
E = Extended Ring (1); **B** = Complies with BABAA (1);

1: For round nickel bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
832-2AF	2" ABS Hub	BI	1	10
832-2PF	2" PVC Hub	BI	1	10
832-36AF	3" ABS Hub	BI	1	10
832-36PF	3" PVC Hub	BI	1	10
832-4AF	4" ABS Hub	BI	1	10
832-4PF	4" PVC Hub	BI	1	10
	FINISH FIXTURE			
832-4HHD	6-1/2" Hub Drain Finish Fixture	BI	1	10
832-4HNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4HNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4HPR	6-1/2" Rnd Gray ABS Ring & Strainer	BI	1	10
832-4HSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4HSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
832-2ANQ	2" ABS Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-2ANR	2" ABS Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-2ASQ	2" ABS Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-2ASR	2" ABS Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-2PNQ	2" PVC Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-2PNR	2" PVC Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-2PSQ	2" PVC Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-2PSR	2" PVC Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-36ANQ	3" ABS Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-36ANR	3" ABS Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-36ASQ	3" ABS Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-36ASR	3" ABS Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-36PNQ	3" PVC Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-36PNR	3" PVC Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-36PSQ	3" PVC Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-36PSR	3" PVC Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-4ANQ	4" ABS Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-4ANR	4" ABS Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-4ASQ	4" ABS Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4ASR	4" ABS Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-4PNQ	4" PVC Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-4PNR	4" PVC Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-4PSQ	4" PVC Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4PSR	4" PVC Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1

832-36AF

832-4HSR

832-2PNQ

PVC/ABS - Sch. 40 Hub Connection (Cont)

6-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
832-EX4	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S4	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-UM	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

PVC/ABS - Sch. 40 Hub Connection

5-1/2" Tops

832-25PF

832-3HNQ

832-35ASR

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **B** = Complies with BABAA (1);
E = Extended Ring (1);

1: For round nickel bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
832-25AF	2" ABS Hub	BI	1	10
832-25PF	2" PVC Hub	BI	1	10
832-35AF	3" ABS Hub	BI	1	10
832-35PF	3" PVC Hub	BI	1	10
	FINISH FIXTURE			
832-3HHD	5-1/2" Hub Drain Finish Fixture	BI	1	10
832-3HNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-3HNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3HS	5-1/2" Rnd 18-Ga Stnls Steel Strainer	B	1	20
832-3HSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3HSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10

PVC/ABS - Sch. 40 Hub Connection (Cont)

5-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPLETE ASSEMBLY			
832-25ANQ	2" ABS Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-25ANR	2" ABS Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-25ASQ	2" ABS Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-25ASR	2" ABS Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-25PNQ	2" PVC Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-25PNR	2" PVC Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-25PSQ	2" PVC Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-25PSR	2" PVC Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-35ANQ	3" ABS Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-35ANR	3" ABS Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-35ASQ	3" ABS Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-35ASR	3" ABS Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
832-35PNQ	3" PVC Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
832-35PNR	3" PVC Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
832-35PSQ	3" PVC Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-35PSR	3" PVC Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
822-EX3	Ductile Iron Extension Adapter	B	1	1
832-EPS3	Extended ABS Coring Sleeve & Plug	BI	1	10
832-EX3	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S3	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

842-2ANR

842-36PSQ

842-36PI

Adjustable Floor Drain

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer (1);
E = Extended Ring (2); **B** = Complies with BABAA (2);
Y = Ductile Iron Head Adapter (3); **M** = Medium-Duty Strainer (3,000 lbs. safe-load) (4);

1: For 6-1/2" and 7" nickel-bronze or SS304 ring/strainer only 2: For round nickel bronze ring/strainer only 3: In lieu of ABS (standard) 4: For 6-1/2" round SS 304 ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
842-2ANQ	2" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	1
842-2ANR	2" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	10
842-2PNQ	2" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	10
842-2PNR	2" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	10
842-36ANQ	3" ABS Hub - 7" Sqr Ring & Strainer	BI	1	1
842-36ANR	3" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	1
842-36PNQ	3" PVC Hub - 7" Sqr Ring & Strainer	BI	1	10
842-36PNR	3" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	10
842-3ANQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	1
842-3ANR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	8
842-3PNQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	10
842-3PNR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	8
842-4ANQ	4" ABS Hub - 7" Sqr Ring & Strainer	BI	1	1
842-4ANR	4" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	10
842-4PNQ	4" PVC Hub - 7" Sqr Ring & Strainer	BI	1	10
842-4PNR	4" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	10
	STAINLESS STEEL RING & STRAINER			
842-2ASQ	2" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	1
842-2ASR	2" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
842-2PSQ	2" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	10
842-2PSR	2" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	10
842-36ASQ	3" ABS Hub - 7" Sqr Ring & Strainer	BI	1	1
842-36ASR	3" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	1
842-36PSQ	3" PVC Hub - 7" Sqr Ring & Strainer	BI	1	1
842-36PSR	3" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	10
842-3ASQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	1
842-3ASR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
842-3PSQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	10
842-3PSR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	8
842-4ASQ	4" ABS Hub - 7" Sqr Ring & Strainer	BI	1	1
842-4ASR	4" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	1
842-4PSQ	4" PVC Hub - 7" Sqr Ring & Strainer	BI	1	1
842-4PSR	4" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	10
	CAST IRON RING & STRAINER			
842-36PI	3" PVC Hub - 6-5/8" Rnd Ring & Strainer	BI	1	2
842-4PI	4" PVC Hub - 6-5/8" Rnd Ring & Strainer	BI	1	2

Adjustable Floor Drain (Cont)

PVC/ABS - Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-35	Trapshield™ For 3-1/2" Drain Head	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20
842-UM	4-5/8" Stainless Steel Debris Basket	BI	1	10
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Adjustable Floor Drain Head

ABS - MIP Thread Connection

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer (1);
E = Extended Ring (2); **M** = Medium-Duty Strainer (3,000 lbs. safe-load) (3);

1: For 6-1/2" and 7" nickel-bronze or SS304 ring/strainer only 2: For 5-1/2" and 6-1/2" round nickel bronze ring/strainer only 3: For 6-1/2" round SS 304 ring/strainer only

842-2LNQ

842-36LP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
842-2LNQ	2" MIP - 4-1/2" Sqr Ring & Strainer	BI	1	5
842-2LNR	2" MIP - 4-1/2" Rnd Ring & Strainer	BI	1	10
842-36LNQ	3" MIP - 7" Sqr Ring & Strainer	BI	1	5
842-36LNR	3" MIP - 6-1/2" Rnd Ring & Strainer	BI	1	10
842-3LNQ	3" MIP - 5-7/8" Sqr Ring & Strainer	BI	1	5
842-3LNR	3" MIP - 5-1/2" Rnd Ring & Strainer	BI	1	10
842-4LNQ	4" MIP - 7" Sqr Ring & Strainer	BI	1	5
842-4LNR	4" MIP - 6-1/2" Rnd Ring & Strainer	BI	1	10
	STAINLESS STEEL RING & STRAINER			
842-2LSQ	2" MIP - 4-1/2" Sqr Ring & Strainer	BI	1	1
842-2LSR	2" MIP - 4-1/2" Rnd Ring & Strainer	BI	1	1
842-36LSQ	3" MIP - 7" Sqr Ring & Strainer	BI	1	1
842-36LSR	3" MIP - 6-1/2" Rnd Ring & Strainer	BI	1	10
842-3LSQ	3" MIP - 5-7/8" Sqr Ring & Strainer	BI	1	5
842-3LSR	3" MIP - 5-1/2" Rnd Ring & Strainer	BI	1	10
842-4LSQ	4" MIP - 7" Sqr Ring & Strainer	BI	1	1
842-4LSR	4" MIP - 6-1/2" Rnd Ring & Strainer	BI	1	10
	GRAY ABS STRAINER			
842-2LP	2" MIP - 4-3/8" Rnd Ring & Strainer	BI	1	10
842-36LP	3" MIP - 6-1/2" Rnd Ring & Strainer	BI	1	1
842-3LP	3" MIP - 5-1/2" Rnd Ring & Strainer	BI	1	10
842-4LP	4" MIP - 6-1/2" Rnd Ring & Strainer	BI	1	10

Adjustable Floor Drain Head (Cont)

ABS - MIP Thread Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
832-UM	4-1/4" Stainless Steel Debris Basket	BI	1	15
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

Non-Adjustable Floor Drain

PVC/ABS - Sch. 40 Hub Connection

843-2PNR

843-2PS

843-2PP

Options: Add suffix to item no.
V = Vandal-Resistant Strainer;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
843-2ANQ	2" ABS Hub - 4-1/2" Sqr Ring & Strainer	BI	1	1
843-2ANR	2" ABS Hub - 4-1/2" Rnd Ring & Strainer	BI	1	10
843-2PNQ	2" PVC Hub - 4-1/2" Sqr Ring & Strainer	BI	1	5
843-2PNR	2" PVC Hub - 4-1/2" Rnd Ring & Strainer	BI	1	10
843-3ANQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	10
843-3ANR	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
843-3PNQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	10
843-3PNR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	10
843-4ANQ	4" ABS Hub - 7" Sqr Ring & Strainer	BI	1	1
843-4ANR	4" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	4
843-4PNQ	4" PVC Hub - 7" Sqr Ring & Strainer	BI	1	10
843-4PNR	4" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	4
	18-GA STAINLESS STEEL STRAINER			
843-2AS	2" ABS Hub - 4-1/2" Rnd Ring & Strainer	BI	1	10
843-2PS	2" PVC Hub - 4-1/2" Rnd Ring & Strainer	BI	1	10
843-3AS	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
843-3PS	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	10
843-4AS	4" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	1
843-4PS	4" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	4
	ABS STRAINER			
843-2AP	2" ABS Hub - 4-1/2" Rnd Ring & Strainer	BI	1	1
843-2PP	2" PVC Hub - 4-1/2" Rnd Ring & Strainer	BI	1	1
843-3AP	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	10
843-3PP	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	10
843-4PP	4" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	1

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
S = ABS Sand Bucket; **U** = ABS Debris Bucket;
C = ABS Clamping Collar; **V** = Vandal-Resistant Strainer (1);
T = Tapped Trap Primer Connection - 1/2" FIP; **2** = Open-Half Strainer (1);
W = Stainless Steel Debris Basket; **F** = Round Nickel-Bronze Condensate Funnel;
FA = Round Aluminum Condensate Funnel; **FO** = Oval Nickel-Bronze Condensate Funnel;
6 = ABS Flat Strainer for Drain Outlet (2); **D** = ABS Dome Bottom Strainer (2);
L = Aluminum Dome Bottom Strainer (2);

1: Not available for cast iron strainers 2: Not available for 6" drains

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
860-2AN	2" ABS Hub - 9-3/4" Rnd Grate	BI	1	1
860-2PN	2" PVC Hub - 9-3/4" Rnd Grate	BI	1	1
860-3AN	3" ABS Hub - 9-3/4" Rnd Grate	BI	1	1
860-3PN	3" PVC Hub - 9-3/4" Rnd Grate	BI	1	4
860-4AN	4" ABS Hub - 9-3/4" Rnd Grate	BI	1	1
860-4PN	4" PVC Hub - 9-3/4" Rnd Grate	BI	1	4
860-6AN	6" ABS Hub - 9-3/4" Rnd Grate	BI	1	1
860-6PN	6" PVC Hub - 9-3/4" Rnd Grate	BI	1	1
	STAINLESS STEEL RING & STRAINER			
860-2AZ	2" ABS Hub - 9-3/4" Rnd Grate	BI	1	1
860-2PZ	2" PVC Hub - 9-3/4" Rnd Grate	BI	1	4
860-3AZ	3" ABS Hub - 9-3/4" Rnd Grate	BI	1	1
860-3PZ	3" PVC Hub - 9-3/4" Rnd Grate	BI	1	4
860-4AZ	4" ABS Hub - 9-3/4" Rnd Grate	BI	1	4
860-4PZ	4" PVC Hub - 9-3/4" Rnd Grate	BI	1	4
860-6AZ	6" ABS Hub - 9-3/4" Rnd Grate	BI	1	1
860-6PZ	6" PVC Hub - 9-3/4" Rnd Grate	BI	1	1
	ABS/PVC STRAINER			
860-2A	2" ABS Hub - 9" Rnd Grate	BI	1	1
860-2P	2" PVC Hub - 9" Rnd Grate	BI	1	4
860-3A	3" ABS Hub - 9" Rnd Grate	BI	1	4
860-3P	3" PVC Hub - 9" Rnd Grate	BI	1	4
860-4A	4" ABS Hub - 9" Rnd Grate	BI	1	1
860-4P	4" PVC Hub - 9" Rnd Grate	BI	1	4
860-6A	6" ABS Hub - 9" Rnd Grate	BI	1	1
860-6P	6" PVC Hub - 9" Rnd Grate	BI	1	1
	CAST IRON RING & STRAINER			
860-2AI	2" ABS Hub - 9-7/8" Rnd Grate	BI	1	1
860-2PI	2" PVC Hub - 9-7/8" Rnd Grate	BI	1	1
860-3AI	3" ABS Hub - 9-7/8" Rnd Grate	BI	1	2
860-3PI	3" PVC Hub - 9-7/8" Rnd Grate	BI	1	2
860-4AI	4" ABS Hub - 9-7/8" Rnd Grate	BI	1	1
860-4PI	4" PVC Hub - 9-7/8" Rnd Grate	BI	1	2
860-6AI	6" ABS Hub - 9-7/8" Rnd Grate	BI	1	1
860-6PI	6" PVC Hub - 9-7/8" Rnd Grate	BI	1	2

860-3PN

860-2AZ

860-2P

860-2PI

860-GP

860-S

860-D

FatMax™ Floor Drain Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STRAINERS			
860-GA	ABS Full Strainer w/ Lift Handle	BI	1	12
860-GA2	ABS Open-Half Strainer	BI	1	1
860-GI	Cast Iron Full Strainer Only	BI	1	5
860-GP	PVC Full Strainer w/ Lift Handle	BI	1	16
860-GP2	PVC Open-Half Strainer	BI	1	10
860-GPJ	PVC Full Cover	BI	1	16
860-RGN	Nckl-Brnz Ring And Full Strainer	BI	1	1
860-RGN2	Nikl-Brnz Ring And Open-Half Strainer	BI	1	1
860-RGS	304 Stnls Steel Ring And Full Strainer	BI	1	1
860-RGS2	304 Stnls Steel Ring And Open-Half Strainer	BI	1	1
	ACCESSORIES			
860-6	Flat Secondary Strainer - Gray ABS	BI	1	10
860-C	Clamping Collar w/ Screws - Gray ABS	BI	1	10
860-CI	Cast Iron Clamping Collar w/ Stainless Steel Screws	BI	1	10
860-D	Dome Bottom Strainer - Gray ABS	BI	1	80
860-S	Sand Bucket For Drain Sump Area - Gray ABS	BI	1	20
860-U	Debris Bucket For Drain Sump Area - Gray ABS	BI	1	20
860-UM	Stainless Steel Debris Basket	BI	1	5
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

864-2P

864-GP

LittleMax™ General Purpose Floor Drain

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **T** = Tapped Trap Primer Connection - 1/2" FIP;
S = Sand Bucket; **U** = Stainless Steel Debris Basket for Sump Area;
2 = Open-Half Strainer; **3** = Open-Quarter Strainer;
X = Less Strainer;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DRAINS			
864-2A	2" Hub - 6-5/8" Rnd ABS Grate	BI	1	3
864-2P	2" Hub - 6-5/8" Rnd ABS Grate	BI	1	3
864-3A	3" Hub - 6-5/8" Rnd ABS Grate	BI	1	3
864-3P	3" Hub - 6-5/8" Rnd ABS Grate	BI	1	3
864-4A	4" Hub - 6-5/8" Rnd ABS Grate	BI	1	3
864-4P	4" Hub - 6-5/8" Rnd ABS Grate	BI	1	3
	ACCESSORIES			
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
864-GP	Strainer w/ Lift Handle, Loose Set, Gray ABS	BI	1	1
864-GP2	Open-Half Strainer, Loose Set, Gray ABS	BI	1	1
864-S	PVC Sand Bucket (Fits Inside Sump Area)	BI	1	10
864-UM	Stainless Steel Mesh Debris Basket	BI	1	10

PVC/ABS - Sch. 40 Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer;
E = Extended Ring; **B** = Complies with BABAA (1);

1: For round nickel bronze ring/strainer only

833-3PF

832-4HNQ

833-2PSR

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-2AF	2" ABS Hub	BI	1	10
833-2PF	2" PVC Hub	BI	1	10
833-3AF	3" ABS Hub	BI	1	1
833-3PF	3" PVC Hub	BI	1	10
833-4AF	4" ABS Hub	BI	1	10
833-4PF	4" PVC Hub	BI	1	10
	FINISH FIXTURE			
832-4HHD	6-1/2" Hub Drain Finish Fixture	BI	1	10
832-4HNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4HNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4HPR	6-1/2" Rnd Gray ABS Ring & Strainer	BI	1	10
832-4HSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4HSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
833-2ANQ	2" ABS Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-2ANR	2" ABS Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-2ASQ	2" ABS Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-2ASR	2" ABS Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-2PNQ	2" PVC Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-2PNR	2" PVC Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-2PSQ	2" PVC Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-2PSR	2" PVC Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-3ANQ	3" ABS Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-3ANR	3" ABS Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-3ASQ	3" ABS Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-3ASR	3" ABS Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-3PNQ	3" PVC Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-3PNR	3" PVC Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-3PSQ	3" PVC Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-3PSR	3" PVC Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-4ANQ	4" ABS Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-4ANR	4" ABS Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-4ASQ	4" ABS Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-4ASR	4" ABS Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-4PNQ	4" PVC Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-4PNR	4" PVC Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-4PSQ	4" PVC Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-4PSR	4" PVC Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1

PVC/ABS - Sch. 40 Hub Connection (Cont)

6-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
832-EX4	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S4	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-UM	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

PVC/ABS - Sch. 40 Hub Connection

5-1/2" Tops

833-25PF

832-3HNQ

- ABS/PVC base adapter with ABS clamping collar, coring sleeve, and head adapter.

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **B** = Complies with BABAA (1);
E = Extended Ring (1);

1: For round nickel bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-25AF	2" ABS Hub	BI	1	1
833-25PF	2" PVC Hub	BI	1	1
833-35AF	3" ABS Hub	BI	1	1
833-35PF	3" PVC Hub	BI	1	1
	FINISH FIXTURE			
832-3HHD	5-1/2" Hub Drain Finish Fixture	BI	1	10
832-3HNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-3HNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3HS	5-1/2" Rnd 18-Ga Stnls Steel Strainer	B	1	20
832-3HSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3HSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10

PVC/ABS - Sch. 40 Hub Connection (Cont)

5-1/2" Tops

833-35ANR

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPLETE ASSEMBLY			
833-25ANQ	2" ABS Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-25ANR	2" ABS Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-25ASQ	2" ABS Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-25ASR	2" ABS Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-25PNQ	2" PVC Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-25PNR	2" PVC Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-25PSQ	2" PVC Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-25PSR	2" PVC Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-35ANQ	3" ABS Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-35ANR	3" ABS Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-35ASQ	3" ABS Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-35ASR	3" ABS Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-35PNQ	3" PVC Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-35PNR	3" PVC Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-35PSQ	3" PVC Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-35PSR	3" PVC Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EPS3	Extended ABS Coring Sleeve & Plug	BI	1	10
832-EX3	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S3	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

ABS on Iron - No-Hub Connection

6-1/2" Tops

833-22F

- Cast iron base adapter with ABS clamping collar, coring sleeve, and head adapter.

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer;
E = Extended Ring (1); **B** = Complies with BABAA (1);

1: For round nickel-bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-22F	2" No-Hub	BI	1	1
833-23F	3" No-Hub	BI	1	1
833-24F	4" No-Hub	BI	1	1

832-4HNQ

833-22NR

ABS on Iron - No-Hub Connection (Cont)

6-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FINISH FIXTURE			
832-4HHD	6-1/2" Hub Drain Finish Fixture	BI	1	10
832-4HNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4HNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4HPR	6-1/2" Rnd Gray ABS Ring & Strainer	BI	1	10
832-4HSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4HSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
833-22NQ	2" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-22NR	2" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-22SQ	2" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-22SR	2" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-23NQ	3" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-23NR	3" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-23SQ	3" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-23SR	3" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-24NQ	4" No-Hub - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-24NR	4" No-Hub - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-24SQ	4" No-Hub - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-24SR	4" No-Hub - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX4	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S4	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-UM	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

833-235F

ABS on Iron - No-Hub Connection

5-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **B** = Complies with BABAA (1);
E = Extended Ring (2);

1: For round nickel-bronzed ring/strainer only 2: For round nickel-bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-225F	2" No-Hub	BI	1	1
833-235F	3" No-Hub	BI	1	1

ABS on Iron - No-Hub Connection (Cont)

5-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FINISH FIXTURE			
832-3HHD	5-1/2" Hub Drain Finish Fixture	BI	1	10
832-3HNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-3HNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3HS	5-1/2" Rnd 18-Ga Stnls Steel Strainer	B	1	20
832-3HSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3HSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
833-225NQ	2" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-225NR	2" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-225SQ	2" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-225SR	2" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-235NQ	3" No-Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-235NR	3" No-Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-235SQ	3" No-Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-235SR	3" No-Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX3	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S3	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

832-3HSR

833-235SR

ABS on Iron - Push-Joint Connection

6-1/2" Tops

· Cast iron base adapter with ABS clamping collar, coring sleeve, and head adapter.

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer;
E = Extended Ring (1); **B** = Complies with BABAA (1);
P = Push-Joint Gasket to Fit Sch. 40 ABS/PVC Pipe (2);

1: For round nickel-bronze ring/strainer only 2: For 3" & 4" drains only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-62F	2" PJ Conn.	BI	1	1
833-63F	3" PJ Conn.	BI	1	1
833-64F	4" PJ Conn.	BI	1	4

833-62F

832-4HNQ

833-62NR

ABS on Iron - Push-Joint Connection (Cont)

6-1/2" Tops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FINISH FIXTURE			
832-4HHD	6-1/2" Hub Drain Finish Fixture	BI	1	10
832-4HNQ	7" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-4HNR	6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-4HPR	6-1/2" Rnd Gray ABS Ring & Strainer	BI	1	10
832-4HSQ	7" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-4HSR	6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
833-62NQ	2" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-62NR	2" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-62SQ	2" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-62SR	2" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-63NQ	3" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-63NR	3" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-63SQ	3" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-63SR	3" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-64NQ	4" PJ Conn. - 7" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-64NR	4" PJ Conn. - 6-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-64SQ	4" PJ Conn. - 7" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-64SR	4" PJ Conn. - 6-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX4	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S4	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-UM	4-1/4" Stainless Steel Debris Basket	BI	1	15
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20
858-PG3	Push-Joint Gasket For 3" Sch. 40 Pipe	BI	1	20
858-PG4	Push-Joint Gasket For 4" Sch. 40 Pipe	BI	1	20
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

ABS on Iron - Push-Joint Connection

5-1/2" Tops

· Cast iron base adapter with ABS clamping collar, coring sleeve, and head adapter.

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **B** = Complies with BABAA (1);
E = Extended Ring (1); **P** = Push-Joint Gasket to Fit Sch. 40 ABS/PVC Pipe (2);

1: For round nickel-bronze ring/strainer only 2: For 3" drains only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
833-625F	2" PJ Conn.	BI	1	1
833-635F	3" PJ Conn.	BI	1	1
	FINISH FIXTURE			
832-3HHD	5-1/2" Hub Drain Finish Fixture	BI	1	10
832-3HNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-3HNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3HS	5-1/2" Rnd 18-Ga Stnls Steel Strainer	B	1	20
832-3HSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3HSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
833-625NQ	2" PJ Conn. - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-625NR	2" PJ Conn. - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-625SQ	2" PJ Conn. - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-625SR	2" PJ Conn. - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
833-635NQ	3" PJ Conn. - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
833-635NR	3" PJ Conn. - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
833-635SQ	3" PJ Conn. - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
833-635SR	3" PJ Conn. - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
832-EX3	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S3	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
858-PG3	Push-Joint Gasket For 3" Sch. 40 Pipe	BI	1	20
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

833-625F

832-3HNR

833-625NQ

863-42NR

863-42NQ

PVC/ABS - Sch. 40 Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **H** = Hinged Strainer;
Y = Ductile Iron Head Adapter (1); **D** = Ductile Iron Clamping Collar (1);
T = Tapped Trap Primer Connection - 1/2" FIP; **E** = Extended Ring (2);
B = Complies with BABAA (2); **M** = Medium-Duty Strainer (3,000 lbs. safe-load) (3);

1: In lieu of ABS (standard) 2: For round nickel-bronze ring/strainer only 3: For round 304 SS ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
863-32NQ	2" ABS Hub - 7" Sqr Ring & Strainer	BI	1	2
863-33NQ	3" ABS Hub - 7" Sqr Ring & Strainer	BI	1	1
863-33NR	3" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-34NQ	4" ABS Hub - 7" Sqr Ring & Strainer	BI	1	2
863-34NR	4" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-42NQ	2" PVC Hub - 7" Sqr Ring & Strainer	BI	1	2
863-42NR	2" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-43NQ	3" PVC Hub - 7" Sqr Ring & Strainer	BI	1	2
863-43NR	3" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-44NQ	4" PVC Hub - 7" Sqr Ring & Strainer	BI	1	2
863-44NR	4" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
	STAINLESS STEEL RING & STRAINER			
863-32SQ	2" ABS Hub - 7" Sqr Ring & Strainer	BI	1	2
863-32SR	2" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-33SQ	3" ABS Hub - 7" Sqr Ring & Strainer	BI	1	2
863-33SR	3" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-34SQ	4" ABS Hub - 7" Sqr Ring & Strainer	BI	1	2
863-34SR	4" ABS Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-42SQ	2" PVC Hub - 7" Sqr Ring & Strainer	BI	1	1
863-42SR	2" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	6
863-43SQ	3" PVC Hub - 7" Sqr Ring & Strainer	BI	1	1
863-43SR	3" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	1
863-44SQ	4" PVC Hub - 7" Sqr Ring & Strainer	BI	1	1
863-44SR	4" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	1
	ACCESSORIES			
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-35	Trapshield™ For 3-1/2" Drain Head	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20
842-UM	4-5/8" Stainless Steel Debris Basket	BI	1	10
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

PVC/ABS - Sch. 40 Hub Connection

5-1/2" Tops

863-435NR

863-425SQ

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **Y** = Ductile Iron Head Adapter (1);
D = Ductile Iron Clamping Collar (1); **T** = Tapped Trap Primer Connection - 1/2" FIP;
E = Extended Ring (2); **B** = Complies with BABAA (2);

1: In lieu of ABS (standard) 2: For round nickel-bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
863-325NQ	2" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-335NQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-345NQ	4" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-345NR	4" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
863-425NR	2" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
863-435NQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-435NR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
863-445NQ	4" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	1
863-445NR	4" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
	STAINLESS STEEL RING & STRAINER			
863-325SQ	2" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-325SR	2" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
863-335SQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-335SR	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
863-425SQ	2" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-425SR	2" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
863-435SQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
	ACCESSORIES			
822-EX3	Ductile Iron Extension Adapter	B	1	1
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-35	Trapshield™ For 3-1/2" Drain Head	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

822-3ANR

822-2PSQ

Halo™ Floor Drains

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
M = Clamping Collar Kit (1); **V** = Vandal-Resistant Strainer;
B = Complies with BABAA (2); **E** = Extended Ring (2);

1: Add 'M' after dash - all other options at end of item no. 2: For round nickel bronze ring/strainer only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
822-2ANQ	2" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-2ANR	2" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
822-2PNQ	2" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-2PNR	2" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
822-3ANQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-3ANR	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
822-3PNQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-3PNR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
	STAINLESS STEEL RING & STRAINER			
822-2ASQ	2" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-2ASR	2" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
822-2PSQ	2" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-2PSR	2" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
822-3ASQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-3ASR	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
822-3PSQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	4
822-3PSR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	4
	18-GA STAINLESS STEEL STRAINER			
822-2AS	2" ABS Hub - 5-3/8" Rnd Ring & Strainer	BI	1	4
822-2PS	2" PVC Hub - 5-3/8" Rnd Ring & Strainer	BI	1	4
822-3AS	3" ABS Hub - 5-3/8" Rnd Ring & Strainer	BI	1	4
822-3PS	3" PVC Hub - 5-3/8" Rnd Ring & Strainer	BI	1	4
	ACCESSORIES			
822-CKIT	Clamping Collar Kit	BI	1	10
822-EX3	Ductile Iron Extension Adapter	B	1	1
822-TB	Thread Bushing For Halo Head	BI	1	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-35	Trapshield™ For 3-1/2" Drain Head	BI	1	25
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

FinishLine Halo™ Floor Drains

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
M = Clamping Collar Kit (1); **V** = Vandal-Resistant Strainer;
B = Complies with BABAA (2); **E** = Extended Ring (2);

1: Add 'M' after dash - all other options at end of item no. 2: For round nickel bronze ring/strainer only

822-3PF

832-3HSQ

822-F2ANR

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
822-2AF	2" ABS Hub	BI	1	4
822-2PF	2" PVC Hub	BI	1	4
822-3AF	3" ABS Hub	BI	1	4
822-3PF	3" PVC Hub	BI	1	4
	FINISH FIXTURE			
832-3HHD	5-1/2" Hub Drain Finish Fixture	BI	1	10
832-3HNQ	5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	10
832-3HNR	5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	10
832-3HS	5-1/2" Rnd 18-Ga Stnls Steel Strainer	B	1	20
832-3HSQ	5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
832-3HSR	5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	10
	COMPLETE ASSEMBLY			
822-F2ANQ	2" ABS Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
822-F2ANR	2" ABS Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
822-F2ASQ	2" ABS Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
822-F2ASR	2" ABS Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
822-F2PNQ	2" PVC Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
822-F2PNR	2" PVC Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
822-F2PSQ	2" PVC Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
822-F2PSR	2" PVC Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
822-F3ANQ	3" ABS Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
822-F3ANR	3" ABS Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
822-F3ASQ	3" ABS Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
822-F3ASR	3" ABS Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
822-F3PNQ	3" PVC Hub - 5-7/8" Sqr Nikl-Brnz Ring & Strainer	BI	1	1
822-F3PNR	3" PVC Hub - 5-1/2" Rnd Nikl-Brnz Ring & Strainer	BI	1	1
822-F3PSQ	3" PVC Hub - 5-7/8" Sqr Stnls Steel Ring & Strainer	BI	1	1
822-F3PSR	3" PVC Hub - 5-1/2" Rnd Stnls Steel Ring & Strainer	BI	1	1
	ACCESSORIES			
822-CKIT	Clamping Collar Kit	BI	1	10
822-EX3	Ductile Iron Extension Adapter	B	1	1
832-EPS3	Extended ABS Coring Sleeve & Plug	BI	1	10
832-EX3	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-P	Coring Plug Wrench	BI	1	10
832-S3	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

835-2

TrapShield™

Trap Protection Device

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-35	Trapshield™ For 3-1/2" Drain Head	BI	1	25
835-4	Trapshield™ For 4" Drain Outlet	BI	1	20

842-SNQ4

842-SCS3

842-SD4

842-SS4

842-SP3

Replacement Strainers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE STRAINERS			
842-SN2	4" Dia. Rnd - 4.25 Sqr. Inch Free Area - 3" Screw Centers	BI	1	20
842-SN3	5-1/16" Dia. Rnd - 7.5 Sqr. Inch Free Area - 3-7/8" Screw Centers	BI	1	10
842-SN4	6-1/16" Dia. Rnd - 11.75 Sqr. Inch Free Area - 4-7/8" Screw Centers	BI	1	20
842-SNQ2	4" Dia. Sqr - 7.6 Sqr. Inch Free Area - 3" Screw Centers	BI	1	1
842-SNQ3	5-3/8" Dia. Sqr - 12.75 Sqr. Inch Free Area - 3-7/8" Screw Centers	BI	1	1
842-SNQ4	6-11/16" Dia. Sqr - 16.4 Sqr. Inch Free Area - 4-7/8" Screw Centers	BI	1	20
	CAST STAINLESS STEEL STRAINERS			
842-SCS2	4" Dia. Rnd - 4.25 Sqr. Inch Free Area - 3" Screw Centers	BI	1	1
842-SCS3	5-1/8" Dia. Rnd - 7.5 Sqr. Inch Free Area - 3-7/8" Screw Centers	BI	1	10
842-SCS4	6-1/8" Dia. Rnd - 11.75 Sqr. Inch Free Area - 4-7/8" Screw Centers	BI	1	10
842-SCSQ2	4" Dia. Sqr - 7.6 Sqr. Inch Free Area - 3" Screw Centers	BI	1	1
842-SCSQ3	5-3/8" Dia. Sqr - 12.75 Sqr. Inch Free Area - 3-7/8" Screw Centers	BI	1	1
842-SCSQ4	6-1/2" Dia. Sqr - 16.4 Sqr. Inch Free Area - 4-7/8" Screw Centers	BI	1	1
	CAST IRON STRAINERS			
842-SD4	6-1/16" Dia. Rnd - 13.25 Sqr. Inch Free Area - 4-7/8" Screw Centers	BI	1	1
	STAMPED STAINLESS STEEL STRAINERS			
842-SS2	4" Dia. Rnd - 2.66 Sqr. Inch Free Area - 3" Screw Centers	BI	1	10
842-SS3	5-1/16" Dia. Rnd - 5.09 Sqr. Inch Free Area - 3-7/8" Screw Centers	BI	1	10
842-SS4	6-1/16" Dia. Rnd - 9.25 Sqr. Inch Free Area - 4-7/8" Screw Centers	BI	1	10
	GRAY ABS STRAINERS			
842-SP2	4" Dia. Rnd - 4.18 Sqr. Inch Free Area - 3" Screw Centers	BI	1	1
842-SP3	5-1/16" Dia. Rnd - 5.15 Sqr. Inch Free Area - 3-7/8" Screw Centers	BI	1	10
842-SP4	6-1/16" Dia. Rnd - 8.74 Sqr. Inch Free Area - 4-7/8" Screw Centers	BI	1	10

Floor Drain Adapters

Trap Primer Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PVC/ABS - FIP X SCH. 40 HUB CONNECTION			
842-82AT	2" ABS Hub w/ 1/2" FIP Trap Primer Port	BI	1	10
842-82PT	2" PVC Hub w/ 1/2" FIP Trap Primer Port	BI	1	10
842-83AT	3" ABS Hub w/ 1/2" FIP Trap Primer Port	BI	1	10
842-83PT	3" PVC Hub w/ 1/2" FIP Trap Primer Port	BI	1	10
842-84AT	4" ABS Hub w/ 1/2" FIP Trap Primer Port	BI	1	10
842-84PT	4" PVC Hub w/ 1/2" FIP Trap Primer Port	BI	1	10
	PVC/ABS - SCH. 40 HUB X SCH. 40 HUB CONNECTION			
695-2A	2" ABS Hub Adapter w/ 1/2" FIP Port	BI	1	10
695-4A	4" ABS Hub Adapter w/ 1/2" FIP Port	B	1	10
695-4P	4" PVC Hub Adapter w/ 1/2" FIP Port	BI	1	10

842-83PT

695-3P

Floor Drain Adapters

Flashing Drain Adapters

Options: Add suffix to item no.
T = Tapped/plugged trap primer port for ABS/PVC;

863-HP23

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PVC/ABS - SCH. 40 HUB CONNECTION			
863-HA23	2" ABS Hub w/ 3" FIP Thread	BI	1	10
863-HA33	3" ABS Hub w/ 3" FIP Thread	BI	1	10
863-HA44	4" ABS Hub w/ 4" FIP Thread	BI	1	10
863-HP23	2" PVC Hub w/ 3" FIP Thread	BI	1	10
863-HP33	3" PVC Hub w/ 3" FIP Thread	BI	1	10
863-HP34	3" PVC Hub w/ 4" FIP Thread	BI	1	10
863-HP44	4" PVC Hub w/ 4" FIP Thread	BI	1	10

Condensate Funnels

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND 4"			
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
	OVAL 4" X 9"			
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12

863-FA

850-VW1

Vandal-Resistant Strainer Screws

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	#10-24 SIZE			
850-V105	1/2" Stainless, 12/Bag	BI	1	25
850-V106	5/8" Stainless, 12/Bag	BI	1	25
850-V109	1" Stainless, 12/Bag	BI	1	1
850-VW1	#10 Span Bit For #10-24 Vandal-Resistant Screws	BI	10	100
	1/4-20 SIZE			
850-V407	3/4" Stainless	BI	1	1
850-V415	1-1/2" Stainless	BI	1	1
850-V425	2-1/2" Stainless	BI	1	1
850-VW4	#14 Span Bit For 1/4-20 Vandal-Resistant Screws	BI	10	100

Commercial Floor Sinks

SquareMax™ Square Floor Sinks

FatMax™ Round Floor Sinks

LittleMax™ Compact Floor Sinks

Sioux Chief's PVC floor sinks are made from a tough, impact-modified PVC resin. They are corrosion-resistant and withstand water temperatures up to 180°F without distortion.

861-3P **Page 337**	**861-5** **Page 338**	**860-W3P** **Page 339**	**860-WGP2** **Page 339**	**864-W2P** **Page 341**

PVC - Sch. 40 Hub Connection

Floor Sinks

Options: Add suffix to item no.
D = ABS Dome Bottom Strainer (1); **U** = Aluminum Dome Bottom Strainer (1);
C = PVC Clamping Colar; **W** = Stainless Steel Debris Basket;
2 = Open-Half Strainer (2); **3** = Open-Quarter Strainer (3);
V = Vandal-Resistant Strainer (2); **T** = Tapped Trap Primer Connection - 1/2" FIP;
F = Round Nickel-Bronze Condensate Funnel; **FA** = Round Aluminum Condensate Funnel;
FO = Oval Nickel-Bronze Condensate Funnel; **6** = ABS Flat Strainer for Drain Outlet (1);

1: Not available for 6" sinks 2: Available for sinks with PVC, NB, and SS strainers only 3: Available for sinks with PVC strainers only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINK ONLY - NO STRAINER			
861-2PX	2" Hub	BI	1	3
861-2PXR	2" Hub - No Anchor Flange	BI	1	3
861-3PX	3" Hub	BI	1	3
861-3PXR	3" Hub - No Anchor Flange	BI	1	3
861-4PX	4" Hub	BI	1	3
861-6PX	6" Hub	BI	1	2
	PVC STRAINER			
861-2P	2" Hub - 11-3/16" Sqr Grate	BI	1	1
861-2PR	2" Hub - 11-3/16" Sqr Grate - No Anchor Flange	BI	1	1
861-3P	3" Hub - 11-3/16" Sqr Grate	BI	1	1
861-3PR	3" Hub - 11-3/16" Sqr Grate - No Anchor Flange	BI	1	1
861-4P	4" Hub - 11-3/16" Sqr Grate	BI	1	1
861-6P	6" Hub - 11-3/16" Sqr Grate	BI	1	1
	NICKEL-BRONZE RING & STRAINER			
861-2PN	2" Hub - 11-3/4" Sqr Grate	BI	1	1
861-3PN	3" Hub - 11-3/4" Sqr Grate	BI	1	1
861-4PN	4" Hub - 11-3/4" Sqr Grate	BI	1	1
861-6PN	6" Hub - 11-3/4" Sqr Grate	BI	1	1
	STAINLESS STEEL RING & STRAINER			
861-2PZ	2" Hub - 11-3/4" Sqr Grate	BI	1	1
861-3PZ	3" Hub - 11-3/4" Sqr Grate	BI	1	1
861-4PZ	4" Hub - 11-3/4" Sqr Grate	BI	1	1
861-6PZ	6" Hub - 11-3/4" Sqr Grate	BI	1	1
	DUCTILE IRON RING & STRAINER			
861-2PI	2" Hub - 11-3/4" Sqr Grate	BI	1	1
861-3PI	3" Hub - 11-3/4" Sqr Grate	BI	1	1
861-4PI	4" Hub - 11-3/4" Sqr Grate	BI	1	1
861-6PI	6" Hub - 11-3/4" Sqr Grate	BI	1	1

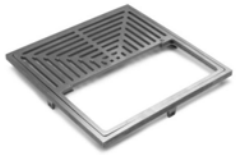
861-2PX

861-2P

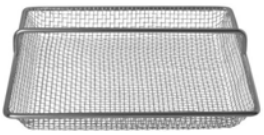
861-3PN

861-2PZ

861-5



861-51NR



861-UM

863-FNO

863-U

SquareMax™ Floor Sink Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STRAINERS			
861-5	PVC Full Strainer w/ Lift Handle	BI	1	15
861-51	PVC Open-Half Strainer	BI	1	15
861-51AR	PVC Open-Half Strainer w/ Adjustable Ring	BI	1	10
861-51NR	Nikl-Brnz Ring & Open-Half Strainer	BI	1	3
861-53	PVC Open-Quarter Strainer	BI	1	15
861-5AR	PVC Full Strainer w/ Adjustable Ring	BI	1	10
861-5CI	Heel-Proof, Ductile Iron Ring & Full Strainer	BI	1	3
861-5NR	Nikl-Brnz Ring & Full Strainer	BI	1	3
861-5SR	Stnls Steel Ring & Full Strainer	BI	1	1
	ACCESSORIES			
861-6	Flat Secondary Strainer - White ABS	BI	1	10
861-C	PVC Clamping Collar w/ Stainless Steel Bolts	BI	1	5
861-D	Dome Bottom Strainer - White ABS	BI	1	80
861-UM	Stainless Steel Debris Basket	BI	1	5
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-U	Aluminum Dome Bottom Strainer (Not For 6" Conn.)	BI	1	5

PVC - Sch. 40 Hub Connection

Floor Sinks

Options: Add suffix to item no.
S = ABS Sand Bucket; **U** = ABS Debris Bucket;
C = ABS Clamping Collar; **D** = ABS Dome Bottom Strainer;
V = Vandal-Resistant Strainer (1); **T** = Tapped Trap Primer Connection - 1/2" FIP;
2 = Open-Half Strainer (1); **3** = Open-Quarter Strainer (2);
W = Stainless Steel Debris Basket; **F** = Round Nickel-Bronze Condensate Funnel;
FA = Round Aluminum Condensate Funnel; **FO** = Oval Nickel-Bronze Condensate Funnel;
J = Solid (gray) PVC Cover with Lift Handle (3); **6** = ABS Flat Strainer for Drain Outlet;
L = Aluminum Dome Bottom Strainer;

1: Not available for iron strainers 2: For PVC Strainers Only 3: For sinks with NO strainer only

860-W2P

860-W2PN

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINK ONLY - NO STRAINER			
860-W2PX	2" White PVC Hub - 9" Rnd Grate	BI	1	4
860-W3PX	3" White PVC Hub - 9" Rnd Grate	BI	1	4
860-W4PX	4" White PVC Hub - 9" Rnd Grate	BI	1	4
	PVC STRAINER			
860-W2P	2" White PVC Hub - 9" Rnd Grate	BI	1	4
860-W3P	3" White PVC Hub - 9" Rnd Grate	BI	1	4
860-W4P	4" White PVC Hub - 9" Rnd Grate	BI	1	4
	NICKEL-BRONZE RING & STRAINER			
860-W2PN	2" White PVC Hub - 9-3/4" Rnd Grate	BI	1	1
860-W3PN	3" White PVC Hub - 9-3/4" Rnd Grate	BI	1	4
860-W4PN	4" White PVC Hub - 9-3/4" Rnd Grate	BI	1	4
	STAINLESS STEEL RING & STRAINER			
860-W2PZ	2" White PVC Hub - 9-3/4" Rnd Grate	BI	1	1
860-W3PZ	3" White PVC Hub - 9-3/4" Rnd Grate	BI	1	1
	DUCTILE IRON RING & STRAINER			
860-W2PI	2" White PVC Hub - 9-7/8" Rnd Grate	BI	1	1
860-W3PI	3" White PVC Hub - 9-7/8" Rnd Grate	BI	1	2
860-W4PI	4" White PVC Hub - 9-7/8" Rnd Grate	BI	1	2

FatMax™ Floor Sink Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STRAINERS			
860-GI	Cast Iron Full Strainer Only	BI	1	5
860-RGN	Nckl-Brnz Ring And Full Strainer	BI	1	1
860-RGN2	Nikl-Brnz Ring And Open-Half Strainer	BI	1	1
860-RGS	304 Stnls Steel Ring And Full Strainer	BI	1	1
860-RGS2	304 Stnls Steel Ring And Open-Half Strainer	BI	1	1
860-WGP	PVC Full Strainer w/ Lift Handle	BI	1	16
860-WGP2	PVC Open-Half Strainer	BI	1	10
860-WGP3	PVC Open-Quarter Strainer	BI	1	10
860-WGPJ	PVC Full Cover	BI	1	16

860-WGP2

860-RGS

860-C

860-WS

860-WU

861-D

FatMax™ Floor Sink Accessories (Cont)

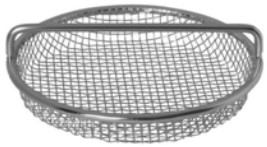
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
860-C	Clamping Collar w/ Screws - Gray ABS	BI	1	10
860-UM	Stainless Steel Debris Basket	BI	1	5
860-WS	Sand Bucket For Sump Area - White PVC	BI	1	20
860-WU	Debris Bucket For Sump Area - White PVC	BI	1	20
861-6	Flat Secondary Strainer - White ABS	BI	1	10
861-D	Dome Bottom Strainer - White ABS	BI	1	80
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-U	Aluminum Dome Bottom Strainer (Not For 6" Conn.)	BI	1	5

PVC - Sch. 40 Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Strainer; **T** = Tapped Trap Primer Connection - 1/2" FIP;
S = Sand Bucket; **U** = Stainless Steel Debris Basket for Sump Area;
2 = Open-Half Strainer; **3** = Open-Quarter Strainer;
X = Less Strainer;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLOOR SINKS			
864-W2P	2" Hub - 6-5/8" Rnd PVC Grate	BI	1	3
864-W3P	3" Hub - 6-5/8" Rnd PVC Grate	BI	1	3
864-W4P	4" Hub - 6-5/8" Rnd PVC Grate	BI	1	3
	ACCESSORIES			
863-FA	Round Aluminum Condensate Funnel w/ Screws	BI	1	12
863-FN	Round Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
863-FNO	Oval Nikl-Brnz Condensate Funnel w/ Screws	BI	1	12
864-UM	Stainless Steel Mesh Debris Basket	BI	1	10
864-WGP	PVC Strainer w/ Lift Handle, Loose Set	BI	1	1
864-WGP2	Open-Half PVC Strainer, Loose Set	BI	1	1
864-WS	PVC Sand Bucket (Fits Inside Sump Area)	BI	1	10

864-W2P


864-UM

Notes:

Commercial Roof Drains

Roof Drains

Planter Area Drains

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11" Roof Drain

PVC/ABS - Sch. 40 Hub Connection

868-P4

Options: Add suffix to item no.
V = Vandal-Resistant Dome; **W** = 2-3/16" High External Water Dam;
P = Steel Screen Installed over Dome Strainer; **U** = Underdeck Clamp Kit;
S = Sump Receiver; **E** = Extension Collar Kit;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLY DOME			
868-A3	3" ABS Hub	BI	1	2
868-A4	4" ABS Hub	BI	1	2
868-A6	6" ABS Hub	BI	1	2
868-P3	3" PVC Hub	BI	1	2
868-P4	4" PVC Hub	BI	1	2
868-P6	6" PVC Hub	BI	1	2
	ALUMINUM DOME			
868-A3M	3" ABS Hub	BI	1	2
868-A4M	4" ABS Hub	BI	1	2
868-A6M	6" ABS Hub	BI	1	2
868-P3M	3" PVC Hub	BI	1	2
868-P4M	4" PVC Hub	BI	1	2
868-P6M	6" PVC Hub	BI	1	2
	ACCESSORIES			
868-C	Under Deck Clamp Kit: 11" Epoxy-Coated Clamping Plate, Thread Rod, Nuts & Washers	BI	1	5
868-E	Extension Collar Kit: Extension Collar Plate, Thread Rod, Nuts & Washers	BI	1	5
868-HD	Dome Strainer - 9-1/4" Diameter, Polyethylene	BI	1	5
868-MC	Epoxy-Coated Aluminum Replacement Gravel Guard	BI	1	10
868-MD	Dome Strainer - 9-1/4" Diameter, Cast Aluminum	BI	1	5
868-S	Sump Receiver Plate for 11" Roof Drain	BI	1	10
868-S2	Double Sump Receiver Plate for 11" Roof Drain	BI	1	1
868-WD	Epoxy-Coated Aluminum External Water Dam, 2-3/16"	BI	1	1

867-P2

10" Roof Drain

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Dome; **P** = Steel Screen Installed over Dome Strainer;
C = Ductile Iron Gravel Guard (1); **STP2** = 2" High Internal Water Dam;
U = Underdeck Clamp Kit;

1: In lieu of PVC (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLY DOME			
867-A2	2" ABS Hub	BI	2	2
867-A3	3" ABS Hub	BI	2	2
867-A4	4" ABS Hub	BI	2	2
867-P2	2" PVC Hub	BI	2	2
867-P3	3" PVC Hub	BI	2	2
867-P4	4" PVC Hub	BI	2	2
	CAST IRON DOME			
867-A2M	2" ABS Hub	BI	2	2
867-A3M	3" ABS Hub	BI	2	2
867-A4M	4" ABS Hub	BI	2	2
867-P2M	2" PVC Hub	BI	2	2
867-P3M	3" PVC Hub	BI	2	2
867-P4M	4" PVC Hub	BI	2	2
	ACCESSORIES			
867-C	Underdeck Clamp Kit	BI	1	25
867-HC	PVC Replacement Gravel Guard	BI	1	5
867-HD	7-1/2" Diameter, Polypro Dome	BI	1	5
867-MC	Ductile Iron Replacement Gravel Guard	BI	1	1
867-MD	7-1/2" Diameter, Cast Iron Dome	BI	1	5
867-UM	Stainless Steel Dome Screen	BI	1	1

8" Roof Drain & Overflow - Cast Iron Dome

Cast Iron - No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
867-DI2	2" No-Hub Roof Drain & Overflow Combo	BI	1	1
867-DI3	3" No-Hub Roof Drain & Overflow Combo	BI	1	1
867-DI4	4" No-Hub Roof Drain & Overflow Combo	BI	1	1

867-DI2

867-L3PP

867-C

PVC/ABS - Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PLANTER-AREA DRAINS			
867-L3AP	3" ABS Hub, Poly Dome Strainer w/ SS Screen	BI	1	1
867-L3PP	3" PVC Hub, Poly Dome Strainer w/ SS Screen	BI	1	1
867-L4AP	4" ABS Hub, Poly Dome Strainer w/ SS Screen	BI	1	1
867-L4PP	4" PVC Hub, Poly Dome Strainer w/ SS Screen	BI	1	1
	ACCESSORIES			
867-C	Underdeck Clamp Kit	BI	1	25
867-HC	PVC Replacement Gravel Guard	BI	1	5
867-MC	Ductile Iron Replacement Gravel Guard	BI	1	1
867-UM	Stainless Steel Dome Screen	BI	1	1

Commercial Cleanouts

FinishLine™ Adjustable Cleanouts

Access Cover Cleanouts

Halo™ Cleanouts

Wall Cleanouts

Cleanout Bushing

Plugs/Accessories

FinishLine™ Cleanouts are adjustable both before and AFTER the concrete pour.

The FinishLine virtually eliminates cleanouts set too low or not level. Installations are faster, easier, and more professional looking.

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PVC/ABS - Sch. 40 Hub Connection

6-1/2" Tops

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker; **B** = Brass Cleanout Plug (1);
Z = Complies with BABAA (2);

1: In lieu of polypro (standard) 2: For round nickel-bronze ring/cover only

834-4AF

834-3PNQ

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
834-3AF	3" ABS Hub	BI	1	10
834-3PF	3" PVC Hub	BI	1	10
834-4AF	4" ABS Hub	BI	1	10
834-4PF	4" PVC Hub	BI	1	10
	FINISH FIXTURE			
834-4HNQ	6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	10
834-4HNR	6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	10
834-4HPR	6-1/2" Rnd Gray ABS Ring & Cover	BI	1	1
834-4HSQ	6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	10
834-4HSR	6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	10
	COMPLETE ASSEMBLY			
834-3ANQ	3" Hub - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-3ANR	3" Hub - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-3ASQ	3" Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-3ASR	3" Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
834-3PNQ	3" Hub - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-3PNR	3" Hub - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-3PSQ	3" Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-3PSR	3" Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
834-4ANQ	4" Hub - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-4ANR	4" Hub - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-4ASQ	4" Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-4ASR	4" Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
834-4PNQ	4" Hub - 6-5/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-4PNR	4" Hub - 6-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
834-4PSQ	4" Hub - 6-5/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-4PSR	4" Hub - 6-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	ACCESSORIES			
832-EX4	Ductile Iron Extension Adapter - 2" Min - 4" Max	BI	1	1
832-S4	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10

852-3ANR

852-3PSQ

852-4PI

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters (1);
Z = Complies with BABAA (2); **C** = Carpet Marker;
H = Special-Duty Cover (15,000 lbs. safe load); **Y** = Ductile Iron Head Adapter (3);

1: Not available for iron covers. 2: For round nickel-bronze ring/cover only 3: In lieu of ABS (standard)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & COVER			
852-3ANQ	3" ABS Hub - 6-5/8" Sqr Ring & Cover	BI	1	1
852-3ANR	3" ABS Hub - 6-1/2" Rnd Ring & Cover	BI	1	5
852-3PNQ	3" PVC Hub - 6-5/8" Sqr Ring & Cover	BI	1	2
852-3PNR	3" PVC Hub - 6-1/2" Rnd Ring & Cover	BI	1	5
852-4ANQ	4" ABS Hub - 6-5/8" Sqr Ring & Cover	BI	1	1
852-4ANR	4" ABS Hub - 6-1/2" Rnd Ring & Cover	BI	1	10
852-4PNQ	4" PVC Hub - 6-5/8" Sqr Ring & Cover	BI	1	2
852-4PNR	4" PVC Hub - 6-1/2" Rnd Ring & Cover	BI	1	10
	STAINLESS STEEL RING & COVER			
852-3ASQ	3" ABS Hub - 6-5/8" Sqr Ring & Cover	BI	1	1
852-3ASR	3" ABS Hub - 6-1/2" Rnd Ring & Cover	BI	1	5
852-3PSQ	3" PVC Hub - 6-5/8" Sqr Ring & Cover	BI	1	1
852-3PSR	3" PVC Hub - 6-1/2" Rnd Ring & Cover	BI	1	1
852-4ASQ	4" ABS Hub - 6-5/8" Sqr Ring & Cover	BI	1	1
852-4ASR	4" ABS Hub - 6-1/2" Rnd Ring & Cover	BI	1	1
852-4PSQ	4" PVC Hub - 6-5/8" Sqr Ring & Cover	BI	1	2
852-4PSR	4" PVC Hub - 6-1/2" Rnd Ring & Cover	BI	1	10
	CAST IRON RING & COVER			
852-3AI	3" ABS Hub - 6-1/2" Rnd Ring & Cover	BI	1	1
852-3PI	3" PVC Hub - 6-1/2" Rnd Ring & Cover	BI	2	2
852-4AI	4" ABS Hub - 6-1/2" Rnd Ring & Cover	BI	1	1
852-4PI	4" PVC Hub - 6-1/2" Rnd Ring & Cover	BI	2	2

852-3LNQ

ABS - MIP Thread Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & COVER			
852-2LNR	2" ABS MIP - 4-1/2" Rnd Ring & Cover	BI	1	10
852-3LNQ	3" ABS MIP - 5-7/8" Sqr Ring & Cover	BI	1	5
852-3LNR	3" ABS MIP - 5-1/2" Rnd Ring & Cover	BI	1	10
852-4LNQ	4" ABS MIP - 6-5/8" Sqr Ring & Cover	BI	1	1
852-4LNR	4" ABS MIP - 6-1/2" Rnd Ring & Cover	BI	1	10
852-4LNRPK	4" ABS MIP - 6-1/2" Rnd Ring & Cover	CI	5	5

ABS - MIP Thread Connection (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL RING & COVER			
852-3LSQ	3" ABS MIP - 5-7/8" Sqr Ring & Cover	BI	1	1
852-3LSR	3" ABS MIP - 5-1/2" Rnd Ring & Cover	BI	1	10
852-4LSQ	4" ABS MIP - 6-5/8" Sqr Ring & Cover	BI	1	1
852-4LSR	4" ABS MIP - 6-1/2" Rnd Ring & Cover	BI	1	1
	CAST IRON RING & COVER			
852-3LI	3" ABS MIP - 6-1/8" Rnd Ring & Cover	BI	2	2
852-4LI	4" ABS MIP - 6-1/2" Rnd Ring & Cover	BI	2	2
	GRAY ABS COVER			
852-3LP	3" ABS MIP - 5-1/2" Rnd Ring & Cover	BI	1	10
852-4LP	4" ABS MIP - 6-1/2" Rnd Ring & Cover	BI	1	1

852-3LSR

852-4LI

852-3LP

822-C3ANR

822-C3ASR

Halo™ Adjustable Cleanouts

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & COVER			
822-C3ANQ	3" ABS Hub - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C3ANR	3" ABS Hub - 5-1/2" Rnd Ring & Cover	BI	1	1
822-C3PNQ	3" PVC Hub - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C3PNR	3" PVC Hub - 5-1/2" Rnd Ring & Cover	BI	1	4
822-C4ANQ	Inside 4" ABS - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C4ANR	Inside 4" ABS - 5-1/2" Rnd Ring & Cover	BI	1	1
822-C4PNQ	Inside 4" PVC - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C4PNR	Inside 4" PVC - 5-1/2" Rnd Ring & Cover	BI	1	1
	STAINLESS STEEL RING & COVER			
822-C3ASQ	3" ABS Hub - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C3ASR	3" ABS Hub - 5-1/2" Rnd Ring & Cover	BI	1	1
822-C3PSQ	3" PVC Hub - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C3PSR	3" PVC Hub - 5-1/2" Rnd Ring & Cover	BI	1	4
822-C4ASQ	Inside 4" ABS - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C4ASR	Inside 4" ABS - 5-1/2" Rnd Ring & Cover	BI	1	1
822-C4PSQ	Inside 4" PVC - 5-7/8" Sqr Ring & Cover	BI	1	1
822-C4PSR	Inside 4" PVC - 5-1/2" Rnd Ring & Cover	BI	1	4
	ACCESSORIES			
822-EX3	Ductile Iron Extension Adapter	B	1	1

822-C3PF

834-3HSQ

FinishLine Halo™ Adjustable Cleanouts

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUGH-IN FIXTURE			
822-C3AF	3" ABS Hub	BI	1	1
822-C3PF	3" PVC Hub	BI	1	1
	FINISH FIXTURE			
834-3HNQ	5-7/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
834-3HNR	5-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	10
834-3HSQ	5-7/8" Sqr Stnls Steel Ring & Cover	BI	1	1
834-3HSR	5-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1

FinishLine Halo™ Adjustable Cleanouts (Cont)

PVC/ABS - Sch. 40 Hub Connection

822-CF3PNR

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPLETE ASSEMBLY			
822-CF3ANQ	3" ABS Hub - 5-7/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
822-CF3ANR	3" ABS Hub - 5-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
822-CF3ASQ	3" ABS Hub - 5-7/8" Sqr Stnls Steel Ring & Cover	BI	1	1
822-CF3ASR	3" ABS Hub - 5-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
822-CF3PNQ	3" PVC Hub - 5-7/8" Sqr Nikl-Brnz Ring & Cover	BI	1	1
822-CF3PNR	3" PVC Hub - 5-1/2" Rnd Nikl-Brnz Ring & Cover	BI	1	1
822-CF3PSQ	3" PVC Hub - 5-7/8" Sqr Stnls Steel Ring & Cover	BI	1	1
822-CF3PSR	3" PVC Hub - 5-1/2" Rnd Stnls Steel Ring & Cover	BI	1	1
	ACCESSORIES			
822-EX3	Ductile Iron Extension Adapter	B	1	1
832-EX3	Ductile Iron Extension Adapter - 2" Min - 3-3/8" Max	BI	1	1
832-S3	Two Adjustment Shims, Two 3/4" Screws	BI	10	10
832-W	Flexible Red Locating Bristles w/ Screw	BI	10	10

851-44N

851-34I

PVC/ABS - Sch. 40 Hub Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;
C = Carpet Marker (1);

1: Not available for iron covers.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE COVER			
851-33N	3" ABS Hub - 4-3/4" Rnd Ring & Cover	BI	1	2
851-34N	4" ABS Hub - 6" Rnd Ring & Cover	BI	1	2
851-36N	6" ABS Hub - 8-3/8" Rnd Ring & Cover	BI	1	2
851-43N	3" PVC Hub - 4-3/4" Rnd Ring & Cover	BI	1	2
851-44N	4" PVC Hub - 6" Rnd Ring & Cover	BI	1	2
851-46N	6" PVC Hub - 8-3/8" Rnd Ring & Cover	BI	1	2
	TENZ-ALLOY COVER			
851-33T	3" ABS Hub - 4-3/8" Rnd Ring & Cover	BI	1	2
851-34T	4" ABS Hub - 6" Rnd Ring & Cover	BI	1	2
851-36T	6" ABS Hub - 8-3/8" Rnd Ring & Cover	BI	1	2
851-43T	3" PVC Hub - 4-3/8" Rnd Ring & Cover	BI	1	2
851-44T	4" PVC Hub - 6" Rnd Ring & Cover	BI	1	2
851-46T	6" PVC Hub - 8-3/8" Rnd Ring & Cover	BI	1	2
	CAST IRON COVER			
851-34I	4" ABS Hub - 6" Rnd Ring & Cover	BI	1	2
851-36I	6" ABS Hub - 8-1/2" Rnd Ring & Cover	BI	1	2
851-44I	4" PVC Hub - 6" Rnd Ring & Cover	BI	1	2
851-46I	6" PVC Hub - 8-1/2" Rnd Ring & Cover	BI	1	2
	NB LAMINATED CAST IRON COVER			
851-36IN	6" ABS Hub - 7-1/8" Rnd Ring & Cover	BI	1	2
851-46IN	6" PVC Hub - 7-1/8" Rnd Ring & Cover	BI	1	2

Set Screw Connection

Options: Add suffix to item no.
V = Vandal-Resistant Cover; **S** = Stamping: Specify Letters;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE			
850-234N	5-1/2'' Cover - For 2-3/8" OD to 4-1/2" OD	BI	1	10
850-2N	6-1/2'' Cover - For 2" OD to 5" OD	BI	1	6
850-3N	7-1/8'' Cover - For 3-3/8" OD to 6-1/2" OD	BI	1	6
850-4N	9-1/8'' Cover - For 5-1/2" OD to 8-1/2" OD	BI	1	6
	TENZ-ALLOY			
850-2T	6-1/2'' Cover - For 2" OD to 5" OD	BI	1	6
850-3T	7-1/8'' Cover - For 3-3/8" OD to 6-1/2" OD	BI	1	6
850-4T	9-1/8'' Cover - For 5-1/2" OD to 8-1/2" OD	BI	1	6
	CAST IRON			
850-2I	6'' Cover - For 2-3/8" OD to 5" OD	BI	1	6
850-3I	7'' Cover - For 3-3/8" OD to 6-1/4" OD	BI	1	4
850-4I	8-1/2'' Cover - For 5" OD to 7-3/4" OD	BI	1	2
	NIKL-BRNZ LAMINATED CAST IRON			
850-4IN	8-3/4'' Cover - For 5" OD to 7-3/4" OD	BI	1	2

850-234N

850-2T

850-2I

870-3

Cleanout Covers

Stainless Steel Covers

Options: Add suffix to item no.
S = Stamping: Specify Letters;

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	20-GA COVER			
870-3	3" Diameter	BI	25	25
870-4	4" Diameter	BI	25	25
870-5	5" Diameter	BI	25	25
870-6	6" Diameter	BI	25	25
870-8	8" Diameter	BI	10	10
870-810	10" Diameter	BI	5	5
870-812	12" Diameter	BI	5	5

871-4

871-18

Cleanout Covers

ABS Covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLAT COVER			
871-4	White - 4-1/2" Diameter	BI	25	25
871-6	White - 6-1/2" Diameter	BI	25	25
871-8	White - 8-1/2" Diameter	BI	10	10
872-4	Chrome-Plated - 4-1/4" Diameter	BI	25	25
872-6	Chrome-Plated - 7-1/4" Diameter	BI	25	25
872-8	Chrome-Plated - 9-1/4" Diameter	BI	10	10
	RAISED COVER			
871-16	White - 7-1/4" Diameter × 1-1/4" Height	BI	25	25
871-18	White - 9-1/4" Diameter × 1-1/4" Height	BI	10	10
872-16	Chrome-Plated - 7-1/4" Diameter × 1-1/4" Height	BI	25	25
872-18	Chrome-Plated - 9-1/4" Diameter × 1-1/4" Height	BI	10	10

Cleanout Cover Kits

Stainless Steel Covers

Options: Add suffix to item no.
V = Vandal-Resistant Cover Screw (1);

1: For 873 Series only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	20-GA COVER WITH SCREW			
870-3PK1	3" Cover, 2-1/2" Screw	BI	5	120
870-4PK1	4" Cover, 2-1/2" Screw	BI	5	120
870-6PK1	6" Cover, 2-1/2" Screw	CI	5	80
870-8PK1	8" Cover, 2-1/2" Screw	BI	5	80
	20-GA COVER WITH SCREW AND POLYPRO PLUG			
873-240P	4" Cover, 2" Plug, 2-1/2" Screw	BI	1	10
873-350P	5" Cover, 3" Plug, 2-1/2" Screw	BI	1	10
873-460P	6" Cover, 4" Plug, 2-1/2" Screw	BI	1	10
	20-GA COVER WITH SCREW AND WALL BAR			
870-B3	3" Cover, 6" Screw, 9" Wall Bar	BI	10	10
870-B4	4" Cover, 6" Screw, 9" Wall Bar	BI	10	10
870-B5	5" Cover, 6" Screw, 9" Wall Bar	BI	1	10
870-B6	6" Cover, 6" Screw, 9" Wall Bar	BI	1	10
870-B8	8" Cover, 6" Screw, 9" Wall Bar	BI	1	10

870-6PK1

870-B4

Cleanout Cover Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	THREADED WALL BAR			
870-B	1/4" × 20 Threaded Wall Bar, 9" Length	B	25	100
	CARPET MARKER KIT			
870-2CM	Stainless Steel Carpet Marker w/ 1-1/2" Screw	BI	25	25
	CLEANOUT COVER SCREW			
874-1	1/4" × 20 Stainless Steel Screw 1-1/2" Length	B	25	1000
874-1C	1/4" × 20 Chrome Plated Screw 1-1/2" Length	B	25	1000
874-2	1/4" × 20 Stainless Steel Screw 2-1/2" Length	B	25	1000
874-2N	1/4" × 20 Nylon Screw 2" Length	B	50	200
874-3C	1/4" × 20 Chrome Plated Screw 3" Length	B	25	500
874-3W	1/4" × 20 White Epoxy-Coated Screw 3" Length	B	25	1000
874-4	1/4" × 20 Stainless Steel Screw 4" Length	B	25	500
874-4C	1/4"× 20 Chrome Plated Screw 4-1/2" Length	B	25	500
874-4W	1/4" × 20 White Epoxy-Coated Screw 4-1/2" Length	B	25	100
874-6	1/4" × 20 Stainless Steel Screw 6" Length	B	25	1000
874-6C	1/4" × 20 Chrome Plated Screw 6" Length	B	25	100
874-6W	1/4" × 20 White Epoxy-Coated Screw 6" Length	B	25	100

870-B

870-2CM

874-1

875-3P

875-8230P

875-84PN

Inside-Pipe Cleanout Bushing

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BUSHING			
875-2A	2" Black ABS Bushing with 1-1/2" Plug	BI	20	20
875-2P	2" White ABS Bushing with 1-1/2" Plug	BI	20	20
875-3A	3" Black ABS Bushing with 2-1/2" Plug	BI	20	20
875-3P	3" White ABS Bushing with 2-1/2" Plug	BI	20	20
875-4A	4" Black ABS Bushing with 3-1/2" Plug	BI	20	20
875-4P	4" White ABS Bushing with 3-1/2" Plug	BI	20	20
	BUSHING WITH 16-GA COVER			
875-8230P	2" White ABS Bushing with 1-1/2" Plug & Stnls Steel Cover	BI	1	10
875-8340P	3" White ABS Bushing with 2-1/2" Plug & Stnls Steel Cover	BI	1	10
875-8450P	4" White ABS Bushing with 3-1/2" Plug & Stnls Steel Cover	BI	1	10

Inside-Pipe Cleanout Fitting

with Nickel-Bronze Cover

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	INSIDE 3" PIPE			
875-83AN	3" ABS Cleanout with Cover	BI	12	12
875-83PN	3" PVC Cleanout with Cover	BI	12	12
	INSIDE 4" PIPE			
875-84AN	4" ABS Cleanout with Cover	BI	12	12
875-84PN	4" PVC Cleanout with Cover	BI	12	12
	INSIDE 6" PIPE			
875-86PN	6" PVC Cleanout with Cover	BI	4	4

Polypropylene - Slotted

878-20

878-025

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH THREADED BRASS INSERT			
878-15	1-1/2" White	B	25	25
878-15PK	1-1/2" White	CI	25	25
878-20	2" White	B	25	25
878-20PK	2" White	CI	25	25
878-25	2-1/2" White	B	25	25
878-30	3" White	B	25	25
878-30PK	3" White	CI	25	25
878-35	3-1/2" White	B	25	25
878-35PK	3-1/2" White	CI	25	25
878-40	4" White	B	25	25
878-40PK	4" White	CI	25	25
878-50	5" White	B	25	25
878-60	6" White	B	8	8
879-15	1-1/2" Black	B	25	25
879-15PK	1-1/2" Black	CI	25	25
879-20	2" Black	B	25	25
879-20PK	2" Black	CI	25	25
879-25	2-1/2" Black	B	25	25
879-30	3" Black	B	25	25
879-30PK	3" Black	CI	25	25
879-35	3-1/2" Black	B	25	25
879-35PK	3-1/2" Black	CI	25	25
879-40	4" Black	B	25	25
879-40PK	4" Black	CI	25	25
879-50	5" Black	B	20	20
879-60	6" Black	B	8	8
	NO INSERT			
878-015	1-1/2" White	B	25	25
878-015PK	1-1/2" White	CI	25	25
878-020	2" White	B	25	25
878-020PK	2" White	B	25	25
878-025	2-1/2" White	B	25	25
878-025PK	2-1/2" White	CI	25	25
878-030	3" White	B	25	25
878-030PK	3" White	CI	25	25
878-035	3-1/2" White	B	25	25
878-035PK	3-1/2" White	CI	25	25
878-040	4" White	B	25	25
878-040PK	4" White	CI	25	25
879-015	1-1/2" Black	B	25	25
879-020	2" Black	B	25	25
879-025	2-1/2" Black	B	25	25
879-030	3" Black	B	25	25
879-035	3-1/2" Black	B	25	25
879-040	4" Black	B	25	25

878-S30

Polypropylene - Square-Head

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
878-S15	1-1/2" White	B	25	25
878-S20	2" White	B	25	25
878-S30	3" White	B	25	25
878-S40	4" White	B	25	25
879-S15	1-1/2" Black	B	25	25
879-S20	2" Black	B	25	25
879-S30	3" Black	B	25	25
879-S40	4" Black	B	25	25

878-960

PVC - Spanner

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
878-960	6"	B	10	10
878-980	8"	B	10	10

Replacement Cleanout Covers

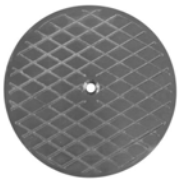
Nickel Bronze Covers

Options: Add suffix to item no.
B = Beveled Edge for Floor Plate (1);

1: For 851 Series covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FOR 834 & 852 SERIES			
852-CN2	4" Rnd Cover	BI	1	10
852-CN3	5-1/16" Rnd Cover	BI	1	10
852-CN4	6-1/8" Rnd Cover	BI	1	10
852-HCN4	6-1/8" Rnd Cover - Special-Duty	BI	1	1
	FOR 851 SERIES			
851-CN3	5-1/4" Rnd Cover	BI	1	10
851-CN4	6-1/8" Rnd Cover	BI	1	10
851-CN6	7-3/4" Rnd Cover	BI	1	10
851-CN8	8-3/8" Rnd Cover	BI	1	10
	FOR 850 SERIES			
850-CN2	6-1/16" Rnd Cover	BI	1	10
850-CN3	6-3/8" Rnd Cover	BI	1	10
850-CN4	8-3/8" Rnd Cover	BI	1	1

852-CN2


851-CN3

850-CN2

Replacement Cleanout Covers

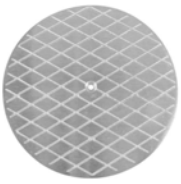
Tenz-Alloy Covers

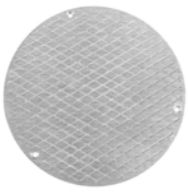
Options: Add suffix to item no.
B = Beveled Edge for Floor Plate (1);

1: For 851 Series covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FOR 834 & 852 SERIES			
852-CT4	6-1/8" Rnd Cover	BI	1	2
	FOR 851 SERIES			
851-CT3	5-1/4" Rnd Cover	BI	1	10
851-CT4	6-1/8" Rnd Cover	BI	1	10
851-CT6	7-3/4" Rnd Cover	BI	1	10
851-CT8	8-3/8" Rnd Cover	BI	1	10
	FOR 850 SERIES			
850-CT2	6-1/16" Rnd Cover	BI	1	10
850-CT3	6-3/8" Rnd Cover	BI	1	10
850-CT4	8-3/8" Rnd Cover	BI	1	10

852-CT4


851-CT3


850-CT2

852-CD4

851-CI3

850-CI3

Replacement Cleanout Covers

Cast Iron Covers

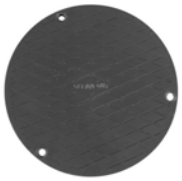
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FOR 834 & 852 SERIES			
852-CD4	6-1/8" Rnd Cover	BI	1	10
852-CI3	5-1/16" Rnd Cover	BI	1	1
852-CI4	6-1/16" Rnd Cover	BI	1	5
852-HCD4	6-1/8" Rnd Cover - Special-Duty	BI	1	1
	FOR 851 SERIES			
851-CI4	5-1/8" Rnd Cover	BI	1	1
851-CI6	6-1/8" Rnd Cover	BI	1	10
851-CI8	7-3/4" Rnd Cover	BI	1	10
	FOR 850 SERIES			
850-CI2	5-1/8" Rnd Cover	BI	1	1
850-CI3	6-3/16" Rnd Cover	BI	1	1
850-CI4	7-3/4" Rnd Cover	BI	1	1

852-CS3

Replacement Cleanout Covers

Stainless Steel Covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FOR 834 & 852 SERIES			
852-CS3	5-1/8" Rnd Cover	BI	1	1
852-CS4	6-1/8" Rnd Cover	BI	1	1


852-CP3

Replacement Cleanout Covers

Gray ABS Covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FOR 834 & 852 SERIES			
852-CP3	5-1/16" Rnd Cover	BI	1	1
852-CP4	6-1/8" Rnd Cover	BI	1	1

Trench Drains

FastTrack™ System

HydroTec™ System

HydroBlock™ System

HydroLine™ System

Trench Drains

FastTrack™ System

Sloped and neutral channels made from engineered high-density polyethylene. DIN EN load ratings from A15 to D400. Designed in accordance with ASME A112.6.3 Standard for Floor and Trench Drains.

HydroTec™ System

Sloped and neutral channels constructed from reinforced concrete with integral edge rails. DIN EN load ratings up to F900. Designed in accordance with *ASME A112.6.3 Standard for Floor and Trench Drains*.

HydroBlock™ System

One-piece ductile iron channel and grate system designed for heavy loads and high-traffic areas. DIN EN load rating up to F900.

HydroLine™ System

Low-profile, one-piece channels made from ductile iron or aluminum lock into concrete slab for heavy-duty traffic. DIN EN load rating up to F900

FastTrack™ System

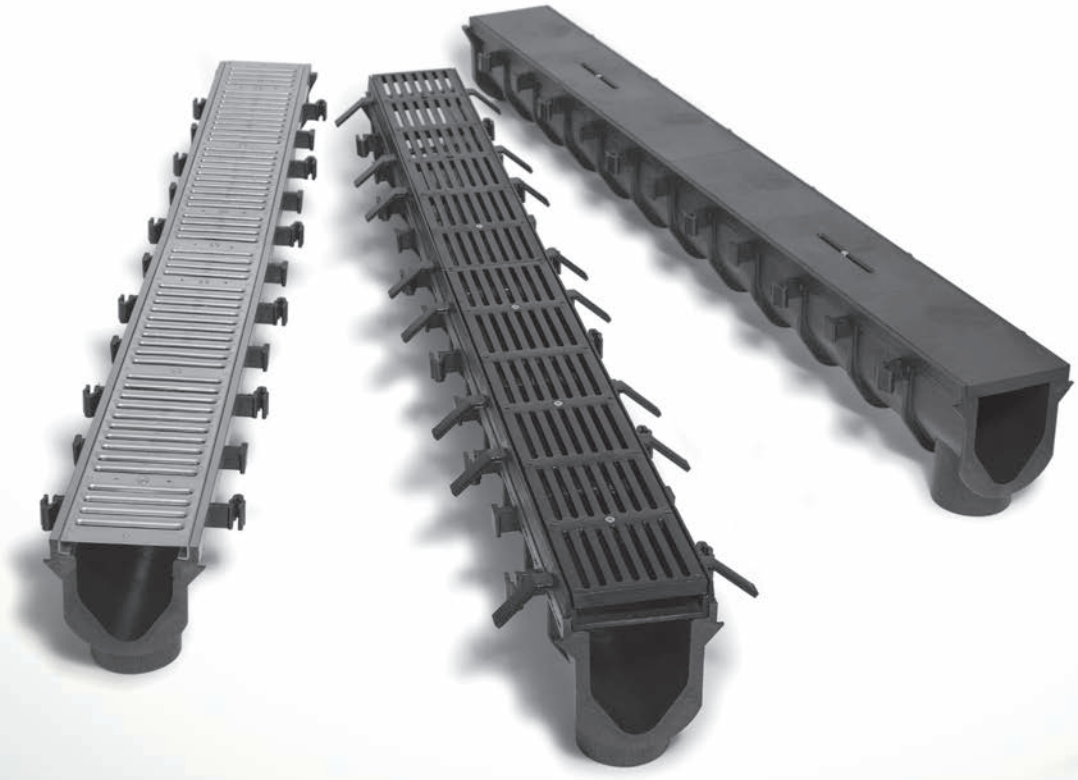
Pre-Sloped System

Large-Capacity System

Low-Profile System

FastTrack™ channels are tough, lightweight, and chemical-resistant. Channels include integral rebar clips, grate anchors and bottom outlet.

Multiple grate options available for applications from pedestrian traffic to heavy-duty loads.



FastTrack™ Pre-Sloped System

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS			
865-N3	Neutral Channel w/ Construction Cover - 72" Long	B	1	1
865-N5	Neutral Channel w/ Construction Cover- 72" Long	B	1	1
865-N7	Neutral Channel w/ Construction Cover- 72" Long	B	1	1
865-N9	Neutral Channel w/ Construction Cover- 72" Long	B	1	1
865-S1	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S2	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S3	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S4	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S5	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S6	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S7	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S8	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
865-S9	Sloped Channel w/ Construction Cover- 72" Long	B	1	1
	DUCTILE IRON GRATES			
865-GIC	Cross-Slot Ductile Iron Grate w/ Screws - Class C - 36" Long	BI	1	1
865-GICF	Cross-Slot Ductile Iron Grate w/ Screws - Class F - 36" Long	BI	1	1
865-GID	Diagonal-Slot Ductile Iron Grate w/ Screws - Class C - 36" Long	BI	1	1
865-GIS	Slotted Ductile Iron Grate w/ Screws - Class D - 36" Long	BI	1	1
	STAINLESS STEEL GRATES			
865-GSA	Angle-Slot Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GSB	Brick Slot Stainless Steel Grate w/ Screws - Class C - 36" Long	BI	1	2
865-GSBC	Stainless Steel Access Section for Brick Slot Grate - Class C - 12" Long	B	1	1
865-GSD	Perforated Stainless Steel Grate w/ Screws - Class A - 36" Long	BI	1	2
865-GSS	Slotted Stainless Steel Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GSSR	Reinforced Slotted Stainless Steel Grate w/ Screws - Class C - 36" Long	BI	1	1
	GALVANIZED STEEL GRATES			
865-GGD	Perforated Galvanized Steel Grate w/ Screws - Class A - 36" Long	BI	1	2
865-GGS	Slotted Galvanized Steel Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GGSR	Reinforced Slotted Galvanized Steel Grate w/ Screws - Class C - 36" Long	BI	1	1
	POLYMER GRATES			
865-GHC	Cross-Slot GFPP Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GHS	Slotted HDPE Grate w/ Screws - Class A - 36" Long	BI	1	2

865-S3

865-GIS

865-GSA

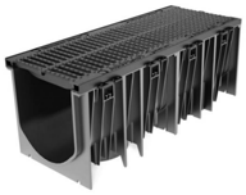
865-GGS

865-GHC

865-F

FastTrack™ Pre-Sloped System (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
865-A	Grate Anchor - Stainless — Fits All Channels	B	1	20
865-C	Construction Cover - HDPE 36" Long - Fits All FastTrack Channels	B	1	1
865-CB4	4" Outlet Adapter for Catch Basin - Fits 3" & 4" Sch. 40, 4" SDR35 pipe	BI	1	1
865-CB6	6" Outlet Adapter for Catch Basin - Fits 6" SDR35 pipe	BI	1	1
865-D	Dome Bottom Strainer - Stainless Steel — For Bottom Outlet	BI	1	1
865-EC	End Cap - HDPE Flat Cap — Fits All Channels	BI	1	50
865-EG	SS Edge Guards w/Screws, 36" Long, 2/Box	BI	1	1
865-EO	End Outlet - HDPE w/ 4" No-Hub Connection	BI	1	25
865-F	Ductile Iron Grate Frame - 36" Long w/ Screws	BI	1	1
865-FB	Debris Basket - Fits FastTrack Catch Basin	BI	1	1
865-FC	Catch Basin - 36" Long - Fits All FastTrack Channels	BI	1	1
865-FCB	Catch Basin w/Basket - 36" Long - Fits All FastTrack Channels	BI	1	1
865-S15	Screws For FastTrack Grate, 1-1/2", 3/Bag	BI	1	100



865-TNDS

865-TNCBDS

FastTrack™ Large-Capacity System

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNEL & GRATE UNITS			
865-TNDS	Neutral Channel Section w/ Slotted Class D Grate - One-Meter Long	B	1	1
865-TNFM	Neutral Channel Section w/ Mesh Class F Grate - One-Meter Long	B	1	1
	ACCESSORIES			
865-TEC	End Cap - PVC flat cap	B	1	1
865-TEO	End Outlet - PVC with 8" Connection	B	1	1
865-TNB	Removable Debris Basket for Catch Basin - Stainless Steel	B	1	1
865-TNCBDS	Catch Basin w/ Slotted Class D Grate - Half-Meter Long	B	1	1
865-TNCBFM	Catch Basin w/ Mesh Class F Grate - Half-Meter Long	B	1	1

865-NS1

FastTrack™ Low-Profile System

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS			
865-NS1	Shallow Neutral Channel w/ Construction Cover- 36" Long	BI	1	1
	DUCTILE IRON GRATES			
865-GIC	Cross-Slot Ductile Iron Grate w/ Screws - Class C - 36" Long	BI	1	1
865-GICF	Cross-Slot Ductile Iron Grate w/ Screws - Class F - 36" Long	BI	1	1
865-GID	Diagonal-Slot Ductile Iron Grate w/ Screws - Class C - 36" Long	BI	1	1
865-GIS	Slotted Ductile Iron Grate w/ Screws - Class D - 36" Long	BI	1	1

FastTrack™ Low-Profile System (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL GRATES			
865-GSA	Angle-Slot Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GSB	Brick Slot Stainless Steel Grate w/ Screws - Class C - 36" Long	BI	1	2
865-GSBC	Stainless Steel Access Section for Brick Slot Grate - Class C - 12" Long	B	1	1
865-GSD	Perforated Stainless Steel Grate w/ Screws - Class A - 36" Long	BI	1	2
865-GSS	Slotted Stainless Steel Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GSSR	Reinforced Slotted Stainless Steel Grate w/ Screws - Class C - 36" Long	BI	1	1
	GALVANIZED STEEL GRATES			
865-GGD	Perforated Galvanized Steel Grate w/ Screws - Class A - 36" Long	BI	1	2
865-GGS	Slotted Galvanized Steel Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GGSR	Reinforced Slotted Galvanized Steel Grate w/ Screws - Class C - 36" Long	BI	1	1
	POLYMER GRATES			
865-GHC	Cross-Slot GFPP Grate w/ Screws - Class A - 36" Long	BI	1	1
865-GHS	Slotted HDPE Grate w/ Screws - Class A - 36" Long	BI	1	2
	ACCESSORIES			
865-A	Grate Anchor - Stainless — Fits All Channels	B	1	20
865-C	Construction Cover - HDPE 36" Long - Fits All FastTrack Channels	B	1	1
865-EG	SS Edge Guards w/Screws, 36" Long, 2/Box	BI	1	1
865-F	Ductile Iron Grate Frame - 36" Long w/ Screws	BI	1	1
865-NSC		BI	1	50
865-S15	Screws For FastTrack Grate, 1-1/2", 3/Bag	BI	1	100

865-GSA

865-GHC

865-F

Notes:

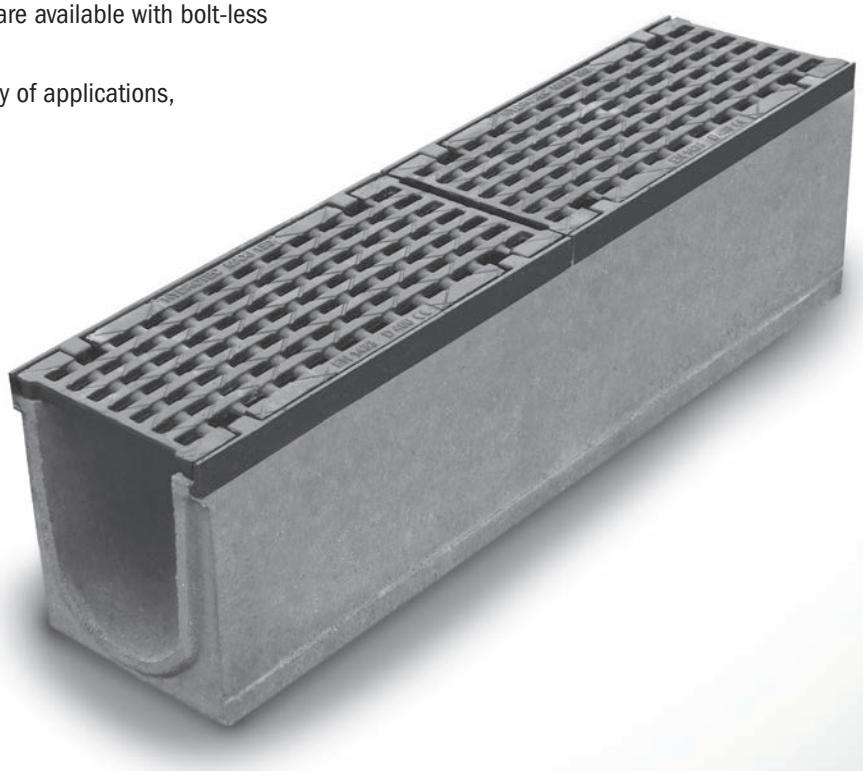
HydroTec™ System

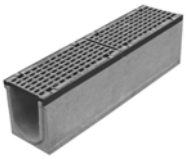
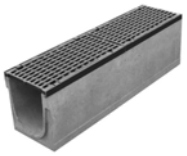
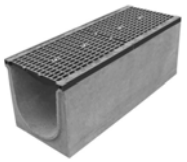
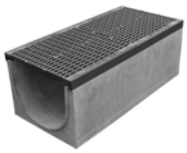
HydroTec™ Maxi

HydroTec™ Top

HydroTec™ trench drain systems are constructed from fiber-reinforced concrete channels with integral ductile iron (Maxi system) or galvanized steel (Top system) edge rails. Grates are available with bolt-less locking feature or 'F1' locking option.

Highly stable and suitable for a variety of applications, with load ratings up to F900.



 865-M4N10 **Page 375**	 **865-M6S01DA** **Page 377**	 **865-M6S01FA** **Page 378**	 **865-M8N00DA** **Page 379**	 **865-M12PN00EA** **Page 379**
 **865-M16PN00EA** **Page 380**	 **865-T4N10** **Page 381**			

HydroTec™ MAXI System

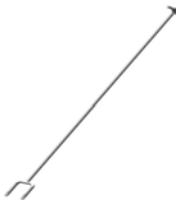
Maxi 100 - 4" Wide

865-M4DICH

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GRATES			
865-M4DICH	Half-Meter, Class C, Ductile Iron, Heel Proof Slot	B	1	1
865-M4DICT	Half-Meter, Class C, Ductile Iron, Transverse Slot	B	1	1
865-M4DIDL	Half-Meter, Class D, Ductile Iron, Long Slot, ADA	B	1	1
865-M4DIEM	Half-Meter, Class E, Ductile Iron, Mesh	B	1	1
865-M4DIFH	Half-Meter, Class F, Ductile Iron, Heel Proof Slot	B		1
865-M4DIFL	Half-Meter, Class F, Ductile Iron, Long Slot, ADA	B	1	1
	CHANNELS			
865-M4N10	One-Meter, 4" Wide × 6.30" Height, Neutral	B	1	1
865-M4N105	Half-Meter, 4" Wide × 6.30" Height, Neutral	B	1	1
865-M4N105S	Half-Meter, 4" Wide × 6.30" Height, Neutral, Side Out	B	1	1
865-M4N10B	One-Meter, 4" Wide × 6.30" Height, Neutral, Bottom Out	B	1	1
865-M4N15	One-Meter, 4" Wide × 7.28" Height, Neutral	B	1	1
865-M4N155	Half-Meter, 4" Wide × 7.28" Height, Neutral	B	1	1
865-M4N155S	Half-Meter, 4" Wide × 7.28" Height, Neutral, Side Out	B	1	1
865-M4N15B	One-Meter, 4" Wide × 7.28" Height, Neutral, Bottom Out	B	1	1
865-M4N20	One-Meter, 4" Wide × 8.27" Height, Neutral	B	1	1
865-M4N205	Half-Meter, 4" Wide × 8.27" Height, Neutral	B	1	1
865-M4N205S	Half-Meter, 4" Wide × 8.27" Height, Neutral, Side Out	B	1	1
865-M4N20B	One-Meter, 4" Wide × 8.27" Height, Neutral, Bottom Out	B	1	1
865-M4N25	One-Meter, 4" Wide × 9.25" Height, Neutral	B	1	1
865-M4N255	Half-Meter, 4" Wide × 9.25" Height, Neutral	B	1	1
865-M4N255S	Half-Meter, 4" Wide × 9.25" Height, Neutral, Side Out	B	1	1
865-M4N25B	One-Meter, 4" Wide × 9.25" Height, Neutral, Bottom Out	B	1	1
865-M4N30	One-Meter, 4" Wide × 10.2" Height, Neutral	B	1	1
865-M4N305	Half-Meter, 4" Wide × 10.2" Height, Neutral	B	1	1
865-M4N305S	Half-Meter, 4" Wide × 10.2" Height, Neutral, Side Out	B	1	1
865-M4N30B	One-Meter, 4" Wide × 10.2" Height, Neutral, Bottom Out	B	1	1
865-M4S01	One-Meter, 4" Wide, Slope # 1	B	1	1
865-M4S02	One-Meter, 4" Wide, Slope # 2	B	1	1
865-M4S03	One-Meter, 4" Wide, Slope # 3	B	1	1
865-M4S04	One-Meter, 4" Wide, Slope # 4	B	1	1
865-M4S05	One-Meter, 4" Wide, Slope # 5	B	1	1
865-M4S06	One-Meter, 4" Wide, Slope # 6	B	1	1
865-M4S07	One-Meter, 4" Wide, Slope # 7	B	1	1
865-M4S08	One-Meter, 4" Wide, Slope # 8	B	1	1
865-M4S10	One-Meter, 4" Wide, Slope # 10	B	1	1
865-M4S11	One-Meter, 4" Wide, Slope # 11	B	1	1
865-M4S12	One-Meter, 4" Wide, Slope # 12	B	1	1
865-M4S13	One-Meter, 4" Wide, Slope # 13	B	1	1
865-M4S14	One-Meter, 4" Wide, Slope # 14	B	1	1
865-M4S15	One-Meter, 4" Wide, Slope # 15	B	1	1
865-M4S16	One-Meter, 4" Wide, Slope # 16	B	1	1
865-M4S17	One-Meter, 4" Wide, Slope # 17	B	1	1
865-M4S18	One-Meter, 4" Wide, Slope # 18	B	1	1
865-M4S19	One-Meter, 4" Wide, Slope # 19	B	1	1
865-M4S20	One-Meter, 4" Wide, Slope # 20	B	1	1
865-M4S21	One-Meter, 4" Wide, Slope # 21	B	1	1
865-M4S22	One-Meter, 4" Wide, Slope # 22	B	1	1
865-M4S23	One-Meter, 4" Wide, Slope # 23	B	1	1

865-M4N10

865-M4LP00



865-TOOL

HydroTec™ MAXI System (Cont)

Maxi 100 - 4" Wide

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS			
865-M4S24	One-Meter, 4" Wide, Slope # 24	B	1	1
865-M4S25	One-Meter, 4" Wide, Slope # 25	B	1	1
865-M4S26	One-Meter, 4" Wide, Slope # 26	B	1	1
865-M4S27	One-Meter, 4" Wide, Slope # 27	B	1	1
865-M4S28	One-Meter, 4" Wide, Slope # 28	B	1	1
865-M4S29	One-Meter, 4" Wide, Slope # 29	B	1	1
865-M4S30	One-Meter, 4" Wide, Slope # 30	B	1	1
	LOW-PROFILE CHANNELS			
865-M4LP00	One-Meter, 4" Wide × 3.15" Height, Neutral	B	1	1
865-M4LP005	Half-Meter, 4" Wide × 3.15" Height, Neutral	B	1	1
865-M4LP00B	One-Meter, 4" Wide × 3.15" Height, Neutral, Bottom Out	B	1	1
865-M4N00	One-Meter, 4" Wide × 4.33" Height, Neutral	B	1	1
865-M4N005	Half-Meter, 4" Wide × 4.33" Height, Neutral	B	1	1
865-M4N00B	One-Meter, 4" Wide × 4.33" Height, Neutral, Bottom Out	B	1	1
	ACCESSORIES			
865-4BK	Installation Bracket for Maxi/Top 100 Channels	B	1	1
865-4EC	4" Closed End Cap - 2 Piece	B	1	1
865-4LPEC3	4" Closed End Cap For 3.15" Channel	B	1	1
865-4LPEC4	4" Closed End Cap For 4.33" Channel	B	1	1
865-4LR	Grate-Locking Rod For 4" Channels	B	1	1
865-4OC	4" Open End Cap - 2 Piece	B	1	1
865-4PC	4" PVC S&D Pipe Connection	B	1	1
865-4RS	4" Rubber Sleeve / Seal For Bottom Outs	B	1	1
865-M4CB	Half-Meter, Catch Basin w/ Galv Steel Debris Basket - 6" Outlet	B	1	1
865-SHOVEL	Cleaning Shovel For Mini/Top/Maxi	B	1	1
865-TOOL	Grate-Locking Tool	B	1	1

HydroTec™ MAXI System

Maxi 150 - 6" Wide

865-M6S01DA

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS - CLASS D GRATE			
865-M6N005DA	Half-Meter, 6" Wide × 8.27" Height, Neutral w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N005SDA	Half-Meter, 6" Wide × 8.27" Height, Neutral, Side Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N00BDA	One-Meter, 6" Wide × 8.27" Height, Neutral, Bottom Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N00DA	One-Meter, 6" Wide × 8.27" Height, Neutral w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N055DA	Half-Meter, 6" Wide × 10.24" Height, Neutral w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N055SDA	Half-Meter, 6" Wide × 10.24" Height, Neutral, Side Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N05BDA	One-Meter, 6" Wide × 10.24" Height, Neutral, Bottom Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N05DA	One-Meter, 6" Wide × 10.24" Height, Neutral w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N105DA	Half-Meter, 6" Wide × 12.20" Height, Neutral w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N105SDA	Half-Meter, 6" Wide × 12.20" Height, Neutral, Side Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N10BDA	One-Meter, 6" Wide × 12.20" Height, Neutral, Bottom Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6N10DA	One-Meter, 6" Wide × 12.20" Height, Neutral w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S01DA	One-Meter, 6" Wide, Slope # 1 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S02DA	One-Meter, 6" Wide, Slope # 2 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S03DA	One-Meter, 6" Wide, Slope # 3 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S04DA	One-Meter, 6" Wide, Slope # 4 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S05DA	One-Meter, 6" Wide, Slope # 5 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S06DA	One-Meter, 6" Wide, Slope # 6 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S07DA	One-Meter, 6" Wide, Slope # 7 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S08DA	One-Meter, 6" Wide, Slope # 8 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S09DA	One-Meter, 6" Wide, Slope # 9 w/ Class D ADA Ductile Iron Grate	B	1	1
865-M6S10DA	One-Meter, 6" Wide, Slope # 10 w/ Class D ADA Ductile Iron Grate	B	1	1
	CHANNELS - CLASS F GRATE			
865-M6N005FA	Half-Meter, 6" Wide × 8.27" Height, Neutral w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N005SFA	Half-Meter, 6" Wide × 8.27" Height, Neutral, Side Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N00BFA	One-Meter, 6" Wide × 8.27" Height, Neutral, Bottom Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N00FA	One-Meter, 6" Wide × 8.27" Height, Neutral w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N055FA	Half-Meter, 6" Wide × 10.24" Height, Neutral w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N055SFA	Half-Meter, 6" Wide × 10.24" Height, Neutral, Side Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N05BFA	One-Meter, 6" Wide × 10.24" Height, Neutral, Bottom Out w/ Class F ADA Ductile Iron Grate	B	1	1

865-M6S01FA

865-6UC

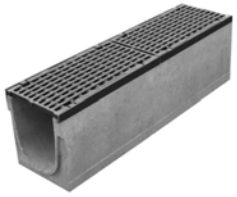
HydroTec™ MAXI System (Cont)

Maxi 150 - 6" Wide

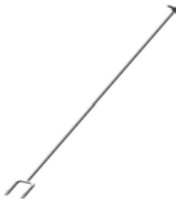
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS - CLASS F GRATE			
865-M6N05FA	One-Meter, 6" Wide × 10.24" Height, Neutral w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N105FA	Half-Meter, 6" Wide × 12.20" Height, Neutral w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N105SFA	Half-Meter, 6" Wide × 12.20" Height, Neutral, Side Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N10BFA	One-Meter, 6" Wide × 12.20" Height, Neutral, Bottom Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6N10FA	One-Meter, 6" Wide × 12.20" Height, Neutral w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S01FA	One-Meter, 6" Wide, Slope # 1 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S02FA	One-Meter, 6" Wide, Slope # 2 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S03FA	One-Meter, 6" Wide, Slope # 3 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S04FA	One-Meter, 6" Wide, Slope # 4 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S05FA	One-Meter, 6" Wide, Slope # 5 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S06FA	One-Meter, 6" Wide, Slope # 6 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S07FA	One-Meter, 6" Wide, Slope # 7 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S08FA	One-Meter, 6" Wide, Slope # 8 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S09FA	One-Meter, 6" Wide, Slope # 9 w/ Class F ADA Ductile Iron Grate	B	1	1
865-M6S10FA	One-Meter, 6" Wide, Slope # 10 w/ Class F ADA Ductile Iron Grate	B	1	1
	CHANNELS - CLASS F GRATE WITH F1-LOCKING FEATURE			
865-M6N005F1A	Half-Meter, 6" Wide × 8.27" Height, Neutral w/ F1 Class F ADA Ductile Iron Grate	B	1	1
865-M6N005SF1A	Half-Meter, 6" Wide × 8.27" Height, Neutral, Side Out w/ F1 Class F ADA Ductile Iron Grate	B	1	1
865-M6N00BF1A	One-Meter, 6" Wide × 8.27" Height, Neutral, Bottom Out w/ F1 Class F ADA Ductile Iron Grate	B	1	1
865-M6N00F1A	One-Meter, 6" Wide × 8.27" Height, Neutral w/ F1 Class F ADA Ductile Iron Grate	B	1	1
	ACCESSORIES			
865-6BK	Installation Bracket for Maxi 150 Channels	B	1	1
865-6LR	Grate-Locking Rod For 6" Channels	B	1	1
865-6PC	PVC S&D Pipe Connection for 6" Outs	B	1	1
865-6PCE	6" Oval PVC Pipe Connection	B	1	1
865-6RS	Rubber Sleeve/Seal For 6" Bottom Outs	B	1	1
865-6UC	6" Universal End Cap - Open & Closed	BI	1	20
865-M6CBDA	Half-Meter, Catch Basin w/ Galv Basket And Class D Ductile Iron ADA Grate - 6" Outlet	B	1	1
865-M6CBF1A	Half-Meter, Catch Basin w/ Galv Basket And F1 Class F ADA Grate - 6" Outlet	B	1	1
865-M6CBFA	Half-Meter, Catch Basin w/ Galv Basket And Class F ADA Ductile Iron Grate - 6" Outlet	B	1	1
865-SHOVEL	Cleaning Shovel For Mini/Top/Maxi	B	1	1
865-TOOL	Grate-Locking Tool	B	1	1

HydroTec™ MAXI System

Maxi 200 - 8" Wide



865-M8N00DA

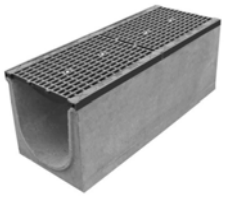


865-TOOL

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS - CLASS D GRATE			
865-M8N005DA	Half-Meter, 8" Wide × 12.20" Height w/ Class D ADA Ductile Iron Grate	B	1	1
865-M8N005SDA	Half-Meter, 8" Wide × 12.20" Height, Side Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M8N00BDA	One-Meter, 8" Wide × 12.20" Height, Bottom Out w/ Class D ADA Ductile Iron Grate	B	1	1
865-M8N00DA	One-Meter, 8" Wide × 12.20" Height w/ Class D ADA Ductile Iron Grate	B	1	1
	CHANNELS - CLASS F GRATE			
865-M8N005FA	Half-Meter, 8" Wide × 12.20" Height w/ Class F ADA Ductile Iron Grate	B	1	1
865-M8N005SFA	Half-Meter, 8" Wide × 12.20" Height, Side Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M8N00BFA	One-Meter, 8" Wide × 12.20" Height, Bottom Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M8N00FA	One-Meter, 8" Wide × 12.20" Height w/ Class F ADA Ductile Iron Grate	B	1	1
	CHANNELS - CLASS F GRATE WITH F1-LOCKING FEATURE			
865-M8N005F1A	Half-Meter, 8" Wide × 12.20" Height w/ F1 Class F ADA Ductile Iron Grate	B	1	1
865-M8N005SF1A	Half-Meter, 8" Wide × 12.20" Height, Side Out w/ F1 Class F ADA Ductile Iron Grate	B	1	1
865-M8N00BF1A	One-Meter, 8" Wide × 12.20" Height, Bottom Out w/ F1 Class F ADA Ductile Iron Grate	B	1	1
865-M8N00F1A	One-Meter, 8" Wide × 12.20" Height w/ F1 Class F ADA Ductile Iron Grate	B	1	1
	ACCESSORIES			
865-6PC	PVC S&D Pipe Connection for 6" Outs	B	1	1
865-6RS	Rubber Sleeve/Seal For 6" Bottom Outs	B	1	1
865-8BK	Installation Bracket for Maxi 200 Channels	B	1	1
865-8ECD	8" Closed End Cap - 1 Piece Iron	B	1	1
865-8LR	Grate-Locking Rod For 8" Channels	B	1	1
865-8OCD	8" Open End Cap - 1 Piece Iron	B	1	1
865-M8CBDA	Half-Meter, Catch Basin w/ Galv Basket And Class D ADA Ductile Iron Grate - 6" Outlet	B	1	1
865-M8CBF1A	Half-Meter, Catch Basin w/ Galv Basket And F1 Class F ADA Ductile Iron Grate - 6" Outlet	B	1	1
865-M8CBFA	Half-Meter, Catch Basin w/ Galv Basket And Class F ADA Ductile Iron Grate - 6" Outlet	B	1	1
865-SHOVEL	Cleaning Shovel For Mini/Top/Maxi	B	1	1
865-TOOL	Grate-Locking Tool	B	1	1

HydroTec™ MAXI System

Maxi 300 - 12" Wide



865-M12PN00EA

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS - CLASS E GRATE WITH F1-LOCKING FEATURE			
865-M12PN005EA	Half-Meter, 12" Wide × 15.75" Height w/ Class E ADA Ductile Iron Grate	B	1	1
865-M12PN00BEA	One-Meter, 12" Wide × 15.75" Height, Bottom Out w/ Class E ADA Ductile Iron Grate	B	1	1
865-M12PN00EA	One-Meter, 12" Wide × 15.75" Height w/ Class E ADA Ductile Iron Grate	B	1	1

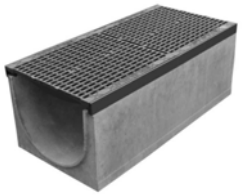
HydroTec™ MAXI System (Cont)

Maxi 300 - 12" Wide

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS - CLASS F GRATE WITH F1-LOCKING FEATURE			
865-M12PN005FA	Half-Meter, 12" Wide × 15.75" Height w/ Class F ADA Ductile Iron Grate	B	1	1
865-M12PN00BFA	One-Meter, 12" Wide × 15.75" Height, Bottom Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M12PN00FA	One-Meter, 12" Wide × 15.75" Height w/ Class F ADA Ductile Iron Grate	B	1	1
	ACCESSORIES			
865-12ECD	12" Closed End Cap - 1 Piece Iron	B	1	1
865-12OCD	12" Open End Cap - 1 Piece Iron	B	1	1
865-8PC	PVC S&D Pipe Connection for 8" Outs	B	1	1
865-8RS	Rubber Sleeve/Seal For 8" Bottom Outs	B	1	1
865-M12PCBEA	Half-Meter, Catch Basin w/ Galv Basket And Class E ADA Ductile Iron Grate - 8" Outlet	B	1	1
865-M12PCBFA	Half-Meter, Catch Basin w/ Galv Basket And Class F ADA Ductile Iron Grate - 8" Outlet	B	1	1
865-SHOVEL	Cleaning Shovel For Mini/Top/Maxi	B	1	1

HydroTec™ MAXI System

Maxi 400 - 16" Wide

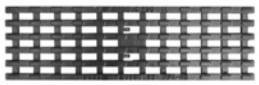


865-M16PN00EA

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS - CLASS E GRATE WITH F1-LOCKING FEATURE			
865-M16PN005EA	Half-Meter, 16" Wide × 15.75" Height w/ Class E ADA Ductile Iron Grate	B	1	1
865-M16PN00BEA	One-Meter, 16" Wide × 15.75" Height, Bottom Out w/ Class E ADA Ductile Iron Grate	B	1	1
865-M16PN00EA	One-Meter, 16" Wide × 15.75" Height w/ Class E ADA Ductile Iron Grate	B	1	1
	CHANNELS - CLASS F GRATE WITH F1-LOCKING FEATURE			
865-M16PN005FA	Half-Meter, 16" Wide × 15.75" Height w/ Class F ADA Ductile Iron Grate	B	1	1
865-M16PN00BFA	One-Meter, 16" Wide × 15.75" Height, Bottom Out w/ Class F ADA Ductile Iron Grate	B	1	1
865-M16PN00FA	One-Meter, 16" Wide × 15.75" Height w/ Class F ADA Ductile Iron Grate	B	1	1
	ACCESSORIES			
865-16ECD	16" Ductile Closed End Cap	B	1	1
865-16OCD	16" Ductile Open End Cap	B	1	1
865-8PC	PVC S&D Pipe Connection for 8" Outs	B	1	1
865-8RS	Rubber Sleeve/Seal For 8" Bottom Outs	B	1	1
865-M16PCBEA	Half-Meter, Catch Basin w/ Galv Basket And Class E ADA Ductile Iron Grate - 8" Outlet	B	1	1
865-M16PCBFA	Half-Meter, Catch Basin w/ Galv Basket And Class F ADA Ductile Iron Grate - 8" Outlet	B	1	1
865-SHOVEL	Cleaning Shovel For Mini/Top/Maxi	B	1	1

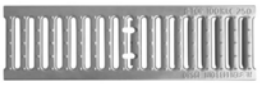
HydroTec™ TOP System

Top 100 - 4" Wide



865-T4DI5CL

865-T4GS5CM

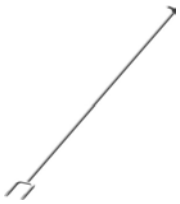


865-T4GS5CS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GRATES			
865-T4DI5CL	Half-Meter, Class C, Ductile Iron, Long Slot, ADA	B	1	1
865-T4DI5CX	Half-Meter, Class C, Ductile Iron, Cross-Slot	B	1	1
865-T4GS5CM	Half-Meter, Class C, Galvanized Steel, Mesh, ADA	B	1	1
865-T4GS5CP	Half-Meter, Class C, Galvanized Steel, Perforated	B	1	1
865-T4GS5CS	Half-Meter, Class C, Galvanized Steel, Slotted	B	1	1
865-T4GSA5P	Half-Meter, Class A, Galvanized Steel, Perforated	B	1	1
865-T4GSAP	One-Meter, Class A, Galvanized Steel, Perforated	B	1	1
865-T4GSAS	One-Meter, Class A, Galvanized Steel, Slotted	B	1	1
865-T4GSCM	One-Meter, Class C, Galvanized Steel, Mesh, ADA	B	1	1
865-T4GSCP	One-Meter, Class C, Galvanized Steel, Perforated	B	1	1
865-T4GSCS	One-Meter, Class C, Galvanized Steel, Slotted	B	1	1
865-T4P5BL	Half-Meter, Class B, Plastic, Long Slot, ADA	B	1	1
	CHANNELS			
865-T4N10	One-Meter, 4" Wide × 6.30" Height, Neutral	B	1	1
865-T4N105S	Half-Meter, 4" Wide × 6.30" Height, Neutral, Side Out	B	1	1
865-T4N10B	One-Meter, 4" Wide × 6.30" Height, Neutral, Bottom Out	B	1	1
865-T4N15	One-Meter, 4" Wide × 7.28 Height, Neutral	B	1	1
865-T4N155	Half-Meter, 4" Wide × 7.28 Height, Neutral	B	1	1
865-T4N15B	One-Meter, 4" Wide × 7.28 Height, Neutral, Bottom Out	B	1	1
865-T4N20	One-Meter, 4" Wide × 8.27 Height, Neutral	B	1	1
865-T4N205	Half-Meter, 4" Wide × 8.27 Height, Neutral	B	1	1
865-T4N205S	Half-Meter, 4" Wide × 8.27 Height, Neutral, Side Out	B	1	1
865-T4N20B	One-Meter, 4" Wide × 8.27 Height, Neutral, Bottom Out	B	1	1
865-T4S01	One-Meter, 4" Wide, Slope # 1 w/ Galv Edge-Rails	B	1	1
865-T4S02	One-Meter, 4" Wide, Slope # 2 w/ Galv Edge-Rails	B	1	1
865-T4S03	One-Meter, 4" Wide, Slope # 3 w/ Galv Edge-Rails	B	1	1
865-T4S04	One-Meter, 4" Wide, Slope # 4 w/ Galv Edge-Rails	B	1	1
865-T4S05	One-Meter, 4" Wide, Slope # 5 w/ Galv Edge-Rails	B	1	1
865-T4S06	One-Meter, 4" Wide, Slope # 6 w/ Galv Edge-Rails	B	1	1
865-T4S07	One-Meter, 4" Wide, Slope # 7 w/ Galv Edge-Rails	B	1	1
865-T4S09	One-Meter, 4" Wide, Slope # 9 w/ Galv Edge-Rails	B	1	1
865-T4S10	One-Meter, 4" Wide, Slope # 10 w/ Galv Edge-Rails	B	1	1
865-T4S11	One-Meter, 4" Wide, Slope # 11 w/ Galv Edge-Rails	B	1	1
865-T4S13	One-Meter, 4" Wide, Slope # 13 w/ Galv Edge-Rails	B	1	1
865-T4S14	One-Meter, 4" Wide, Slope # 14 w/ Galv Edge-Rails	B	1	1
865-T4S15	One-Meter, 4" Wide, Slope # 15 w/ Galv Edge-Rails	B	1	1
865-T4S16	One-Meter, 4" Wide, Slope # 16 w/ Galv Edge-Rails	B	1	1
865-T4S17	One-Meter, 4" Wide, Slope # 17 w/ Galv Edge-Rails	B	1	1
865-T4S18	One-Meter, 4" Wide, Slope # 18 w/ Galv Edge-Rails	B	1	1
865-T4S19	One-Meter, 4" Wide, Slope # 19 w/ Galv Edge-Rails	B	1	1
865-T4S20	One-Meter, 4" Wide, Slope # 20 w/ Galv Edge-Rails	B	1	1
865-T4S21	One-Meter, 4" Wide, Slope # 21 w/ Galv Edge-Rails	B	1	1
865-T4S22	One-Meter, 4" Wide, Slope # 22 w/ Galv Edge-Rails	B	1	1
865-T4S23	One-Meter, 4" Wide, Slope # 23 w/ Galv Edge-Rails	B	1	1
865-T4S24	One-Meter, 4" Wide, Slope # 24 w/ Galv Edge-Rails	B	1	1
865-T4S25	One-Meter, 4" Wide, Slope # 25 w/ Galv Edge-Rails	B	1	1
865-T4S26	One-Meter, 4" Wide, Slope # 26 w/ Galv Edge-Rails	B	1	1
865-T4S27	One-Meter, 4" Wide, Slope # 27 w/ Galv Edge-Rails	B	1	1
865-T4S28	One-Meter, 4" Wide, Slope # 28 w/ Galv Edge-Rails	B	1	1

865-T4N10

865-T4N00



865-TOOL

HydroTec™ TOP System (Cont)

Top 100 - 4" Wide

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHANNELS			
865-T4S29	One-Meter, 4" Wide, Slope # 29 w/ Galv Edge-Rails	B	1	1
865-T4S30	One-Meter, 4" Wide, Slope # 30 w/ Galv Edge-Rails	B	1	1
	LOW-PROFILE CHANNELS			
865-T4LP003	One-Meter, 4" Wide × 3.15" Height, Neutral	B	1	1
865-T4LP0053	Half-Meter, 4" Wide × 3.15" Height, Neutral	B	1	1
865-T4LP00B03	One-Meter, 4" Wide × 3.15" Height, Neutral, Bottom Out	B	1	1
865-T4N00	One-Meter, 4" Wide × 4.33" Height, Neutral	B	1	1
865-T4N005	Half-Meter, 4" Wide × 4.33" Height, Neutral	B	1	1
865-T4N00B	One-Meter, 4" Wide × 4.33" Height, Neutral, Bottom Out	B	1	1
	ACCESSORIES			
865-4BK	Installation Bracket for Maxi/Top 100 Channels	B	1	1
865-4EC	4" Closed End Cap - 2 Piece	B	1	1
865-4LPEC3	4" Closed End Cap For 3.15" Channel	B	1	1
865-4LPEC4	4" Closed End Cap For 4.33" Channel	B	1	1
865-4LR	Grate-Locking Rod For 4" Channels	B	1	1
865-4OC	4" Open End Cap - 2 Piece	B	1	1
865-4PC	4" PVC S&D Pipe Connection	B	1	1
865-4RS	4" Rubber Sleeve / Seal For Bottom Outs	B	1	1
865-SHOVEL	Cleaning Shovel For Mini/Top/Maxi	B	1	1
865-T4CB	Half-Meter, Catch Basin w/ Galv Steel Debris Basket - 6" Outlet	B	1	1
865-TOOL	Grate-Locking Tool	B	1	1

HydroBlock™ System

HydroBlock™ 100

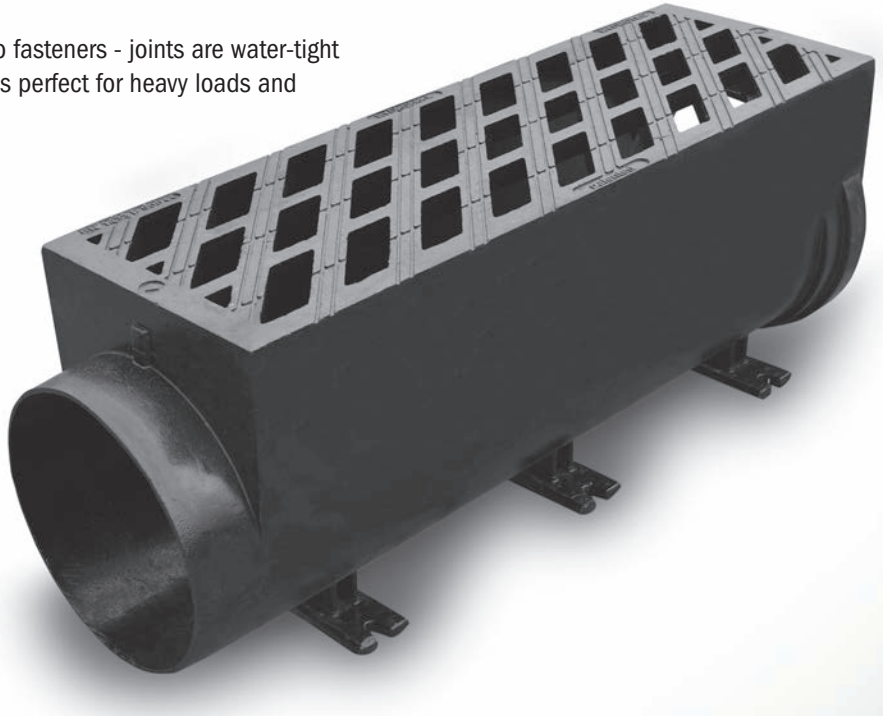
HydroBlock™ 150

HydroBlock™ 200

HydroBlock™ 300

One-piece ductile iron channel and grate system designed for ultimate durability and rattle-free operation.

Sections join together easily with no fasteners - joints are water-tight and anti-torque. One-piece design is perfect for heavy loads and high-traffic areas.



HydroBlock™ 100

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
865-HB4005BFA	Half-Meter, 4" Wide, Bottom Out w/ Ductile Iron Removable Grate	B	1	1
865-HB4005FA	Half-Meter, 4" Wide w/ Ductile Iron Removable Grate	B	1	1
865-HB4005SFA	Half-Meter, 4" Wide, Left/Right Side Out w/ Ductile Iron Removable Grate	B	1	1
865-HB400FA	One-Meter, 4" Wide Ductile Iron Channel/Grate	B	1	1
	ACCESSORIES			
865-HB4CBFA	Catch Basin w/ Ductile Iron Removable Grate	B	1	1
865-HB4EC	Closed End Cap For Socket End	B	1	1
865-HB4INSB	Installation Aid Tool	B	1	1
865-HB4OC	Closed End Cap For Spigot End	B	1	1

865-HB400FA

865-HB4EC

HydroBlock™ 150

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
865-HB6005BFA	Half-Meter, 6" Wide, Bottom Out w/Ductile Iron Removable Grate	B	1	1
865-HB6005HSFA	Half-Meter, 6" Wide, Left/Right/End Out w/ Ductile Iron Removable Grate	B	1	1
865-HB600FA	One-Meter, 6" Wide Ductile Iron Channel/Grate	B	1	1
	ADA COMPLIANT			
865-HB6ADA005BFA	Half-Meter, 6" Wide, Bottom Out w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB6ADA005FA	Half-Meter, 6" Wide, w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB6ADA005HSFA	Half-Meter, 6" Wide, Left/Right/End Out w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB6ADA00FA	One-Meter, 6" Wide ADA Ductile Iron Channel/Grate	B	1	1
	ACCESSORIES			
865-HB6ADACBFA	Catch Basin w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB6AINSB	Installation Aid Tool for ADA Pattern	B	1	1
865-HB6CBFA	Catch Basin w/ Ductile Iron Removable Grate	B	1	1
865-HB6DS	Domed Debris Strainer for Bottom Outlet	B	1	1
865-HB6EC	Closed End Cap For Socket End	B	1	1
865-HB6INSB	Installation Aid Tool	B	1	1
865-HB6OC	Closed End Cap For Spigot End	B	1	1

865-HB600FA

865-HB6ADA005HSFA

HydroBlock™ 200

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
865-HB8005BFA	Half-Meter, 8" Wide, Bottom Out w/ Ductile Iron Removable Grate	B	1	1
865-HB8005SFA	Half-Meter, 8" Wide, Left/Right Side Out w/ Ductile Iron Removable Grate	B	1	1
865-HB800FA	One-Meter, 8" Wide Ductile Iron Channel/Grate	B	1	1

865-HB800FA

865-HB80C

HydroBlock™ 200 (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ADA COMPLIANT			
865-HB8ADA005BFA	Half-Meter, 8" Wide, Bottom Out w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB8ADA005FA	Half-Meter, 8" Wide, w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB8ADA005SFA	Half-Meter, 8" Wide, Left/Right Side Out w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB8ADA00FA	One-Meter, 8" Wide ADA Ductile Iron Channel/Grate	B	1	1
	ACCESSORIES			
865-HB6AINSB	Installation Aid Tool for ADA Pattern	B	1	1
865-HB6INSB	Installation Aid Tool	B	1	1
865-HB8ADACBFA	Catch Basin w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB8CBFA	Catch Basin w/ Ductile Iron Removable Grate	B	1	1
865-HB8EC	Closed End Cap For Socket End	B	1	1
865-HB8OC	Closed End Cap For Spigot End	B	1	1

865-HB1200FA

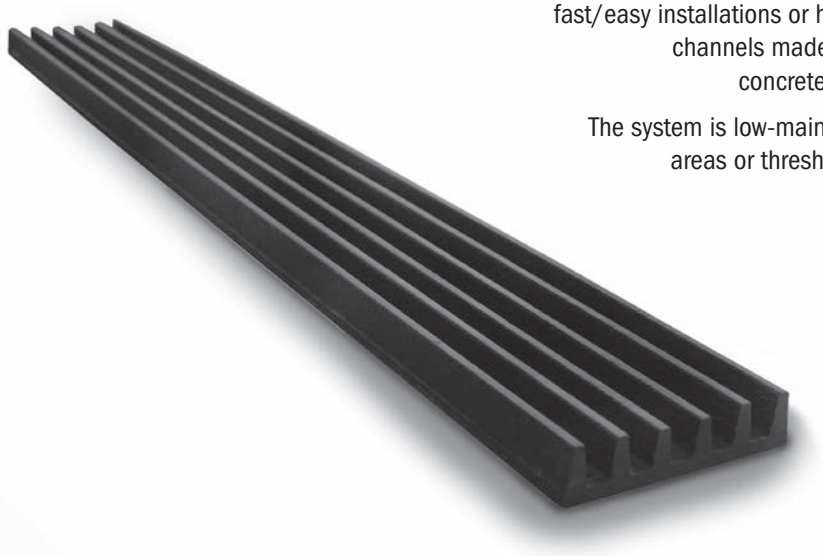
865-HB12ADA005BFA

865-HB12OC

HydroBlock™ 300

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
865-HB12005BFA	Three-Quarter-Meter, 12" Wide, Bottom Out w/ Ductile Iron Removable Grate	B	1	1
865-HB12005FA	Three-Quarter-Meter, 12” Wide, w/ Ductile Iron Removable Grate	B	1	1
865-HB1200FA	One-Meter, 12" Wide Ductile Iron Channel/Grate	B	1	1
	ADA COMPLIANT			
865-HB12ADA005BFA	Three-Quarter-Meter, 12" Wide, Bottom Out w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB12ADA005FA	Three-Quarter-Meter, 12” Wide, w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB12ADA005SFA	Three Quarter-Meter, 12" Wide, Left/Right Side Out w/ ADA Ductile Iron Removable Grate	B	1	1
865-HB12ADA00FA	One-Meter, 12" Wide ADA Ductile Iron Channel/Grate	B	1	1
	ACCESSORIES			
865-12PC	12" PVC S&D Pipe Connector	B	1	1
865-HB12EC	Closed End Cap For Socket End	B	1	1
865-HB12OC	Closed End Cap For Spigot End	B	1	1
865-HB12S	Debris Bucket For Vertical Out	B	1	1
865-HB6AINSB	Installation Aid Tool for ADA Pattern	B	1	1
865-HB6INSB	Installation Aid Tool	B	1	1

HydroLine™ System



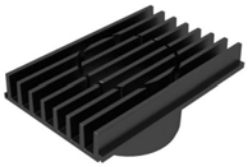
The HydroLine™ is a unique, ultra-low-profile system designed for fast/easy installations or height-restricted applications. Rib-design channels made from ductile iron or aluminum lock into concrete slab and stand up to heavy-duty traffic.

The system is low-maintenance and perfect for covered parking areas or thresholds to prevent surface water cross-over.

HydroLine™ System

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DUCTILE IRON CHANNELS			
865-HL4L	4-1/2" Wide Channel - Corner Section, 2 Pcs	B	1	1
865-HL4N005BF	Half-Meter, 4-1/2" Wide Channel, Neutral w/ Out	B	1	1
865-HL4N005K	Half-Meter, 4-1/2" Wide Channel, Neutral w/ Curb End	B	1	1
865-HL4N00CSF	One-Meter, 4-1/2" Wide Channel, Neutral w/ Cleaning End	B	1	1
865-HL4N00F	One-Meter, 4-1/2" Wide Channel, Neutral	B	1	1
	POWDER-COATED ALUMINUM CHANNELS			
865-HLP4AB	5" Wide Channel - Bottom Outlet Section	B	1	1
865-HLP4C	5" Wide Channel - Corner Section, 2 Pcs	B	1	1
865-HLP4N00F1M	One-Meter, 5" Wide Channel, Neutral	B	1	1
865-HLP4N00F3M	Three-Meter, 5" Wide Channel, Neutral	B	1	1
865-HLP4T	5" Wide Channel - Tee Section, 3 Pcs	B	1	1
865-HLP4X	5" Wide Channel - Cross Section, 4 Pcs	B	1	1
	ACCESSORIES			
865-HLAC	One-Meter Installation Cover For Aluminum Channels	B	1	1
865-HLCE	Connection Element For Iron Channels	B	1	1
865-HLDC	One-Meter Installation Cover For Iron Channels	B	1	1
865-HLEC	End Wall For Iron Channels	B	1	1
865-HLISC	Installation Bracket For Iron Channels	B	1	1
865-HLPCE	Connection Element For Aluminum Channels	B	1	1
865-HLPEC	End Wall For Aluminum Channels	B	1	1
865-HLPED	Installation Pedestal For Iron Channels	B	1	1
865-HLPISC	Installation Bracket For Aluminum Channels	B	1	1
865-HLPPED	Installation Pedestal For Aluminum Channels	B	1	1
865-RAKE	Cleaning Rake For Iron Channels	B	1	1
865-RAKEP	Cleaning Rake For Aluminum Channels	B	1	1
	ACCESSORIES			
865-HLAC	One-Meter Installation Cover For Aluminum Channels	B	1	1
865-HLCE	Connection Element For Iron Channels	B	1	1
865-HLDC	One-Meter Installation Cover For Iron Channels	B	1	1
865-HLEC	End Wall For Iron Channels	B	1	1
865-HLISC	Installation Bracket For Iron Channels	B	1	1
865-HLPCE	Connection Element For Aluminum Channels	B	1	1
865-HLPEC	End Wall For Aluminum Channels	B	1	1
865-HLPED	Installation Pedestal For Iron Channels	B	1	1
865-HLPISC	Installation Bracket For Aluminum Channels	B	1	1
865-HLPPED	Installation Pedestal For Aluminum Channels	B	1	1
865-RAKE	Cleaning Rake For Iron Channels	B	1	1
865-RAKEP	Cleaning Rake For Aluminum Channels	B	1	1

865-HL4N005BF



865-HLP4AB

865-RAKE

Notes:

Residential Drainage

Shower Drains

Floor Drains

Closet Flanges

Backwater Valves

Air Admittance Valves

Accessories

Residential Drainage

Shower Drains

Shower drains designed for tile floors and prefabricated floors and modules. PVC, ABS, and cast iron connections available. Designed in accordance with *ASME A112.18.2/CSA B125.2 Standard for Plumbing Waste Fittings*.

Floor Drains

Floor drains for residential and other non-commercial applications. PVC, ABS and cast iron connections available. Designed in accordance with *ASME A112.6.3 Standard for Floor and Trench Drains*.

Closet Flanges

Closet flanges for standard, floor mounted toilets. Spacer and accessory products for repair and replacement applications. Solvent weld connections designed in accordance with ASTM D2665 (PVC) / ASTM D2661 (ABS)

Backwater Valves

One-way valves designed to prevent back flow of waste lines in both shallow and deep-bury applications. PVC and ABS connections. Designed in accordance with *ASME A112.14.1 Standard for Backwater Valves*.

Air Admittance Valves

One-way valves designed to allow air into vent lines for drainage systems and prevent sewer gas from entering the living space. PVC and ABS connections available. Designed in accordance with ANSI/ASSE 1050 and 1051.

Accessories

Saddle tee fittings, condensate traps and other residential accessory items.

Shower Drains

Shower Pan Drains

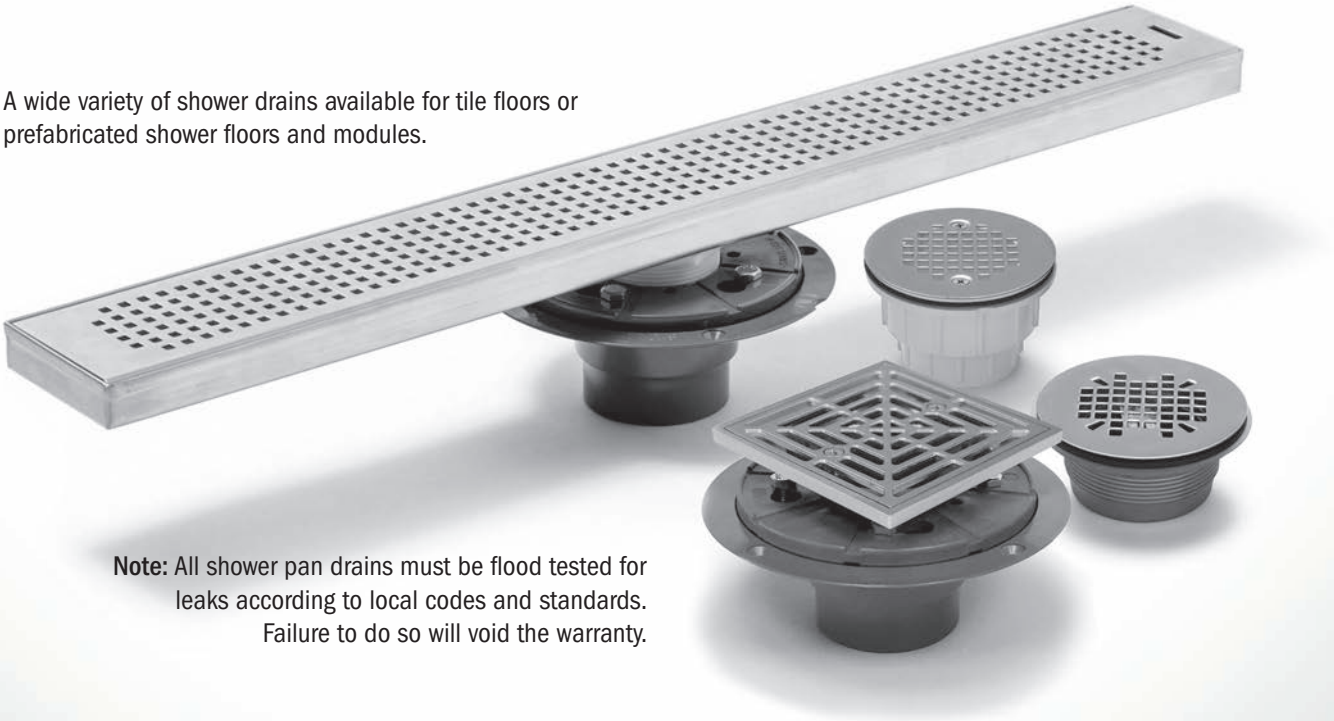
StreamLine™ Linear Drains

Shower Module Drains

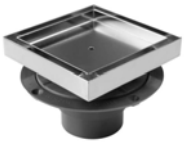
Freestanding Tub Drain

Replacement Strainers

A wide variety of shower drains available for tile floors or prefabricated shower floors and modules.



Note: All shower pan drains must be flood tested for leaks according to local codes and standards. Failure to do so will void the warranty.

821-2P **Page 395**	**821-T200P** **Page 395**	**821-270PQ** **Page 395**	**821-T270PQ** **Page 395**	**821-200PNQ** **Page 396**
				
821-T200PNQ **Page 396**	**821-2PTQ** **Page 400**	**821-2INS** **Page 403**	**863-435CQ** **Page 402**	**823-TX26WP** **Page 404**
823-T2A36V **Page 405**	**825-2P** **Page 406**	**827-2B** **Page 407**	**828-2** **Page 407**	**827-2J** **Page 407**
826-2P **Page 407**	**827-2SNPK2** **Page 409**	**821-2SCRPK1** **Page 409**	**821-2SKQPK1** **Page 410**	

Screw-On Stainless Steel Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND STRAINER - NO INSERTS			
821-2A	ABS Hub - 4-1/4" Rnd Strainer	BI	20	20
821-2APK	ABS Hub - 4-1/4" Rnd Strainer	CI	8	8
821-2P	PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
821-2PPK	PVC Hub - 4-1/4" Rnd Strainer	CI	8	8
821-T2A	ABS Hub - 4-1/4" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	1	10
821-T2P	PVC Hub - 4-1/4" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	1	10
	ROUND STRAINER WITH BRASS INSERTS			
821-200A	ABS Hub - 4-1/4" Rnd Strainer	BI	20	20
821-200P	PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
821-T200A	ABS Hub - 4-1/4" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	10	10
821-T200P	PVC Hub - 4-1/4" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	10	10
	COMPONENT ITEMS			
821-2LSPC	4-1/4" Rnd Strainer	BI	10	10
821-2LSPCI	4-1/4" Rnd Strainer	BI	10	10
821-HA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-HP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-THA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-THP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-2A

821-T200P

821-HP2

Snap-In Stainless Steel Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND STRAINER			
821-270A	ABS Hub - 4-1/4" Rnd Strainer	BI	20	20
821-270P	PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
821-T270A	ABS Hub - 4-1/4" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	1	10
821-T270P	PVC Hub - 4-1/4" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	10	10
	SQUARE STRAINER			
821-270AQ	ABS Hub - 4-1/4" Sqr Strainer	BI	20	20
821-270PQ	PVC Hub - 4-1/4" Sqr Strainer	BI	20	20
821-T270AQ	ABS Hub - 4-1/4" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	10
821-T270PQ	PVC Hub - 4-1/4" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	10
	COMPONENT ITEMS			
821-2LSNQ	4-1/4" Sqr Strainer	BI	10	10
821-2LSPN	4-1/4" Rnd Strainer	BI	10	10
821-HA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-HP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-THA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-THP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25

821-270P

821-270PQ

821-2A

821-EX2

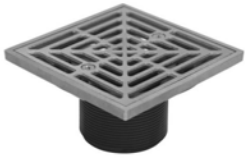
Snap-In Stainless Steel Strainer (Cont)

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACCESSORIES			
821-2QA	Round-to-Square Adapter	CI	5	5
821-2QAS	Round-to-Square Strainer & Adapter Kit - Stnls Steel Finish Strainer	CI	5	5
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-T200ANR

821-200PNQ



821-2LNQ

821-EX2

Deluxe Nickel-Bronze Ring & Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND RING & STRAINER			
821-200ANR	ABS Hub - 4-1/2" Rnd Strainer	BI	5	5
821-200PNR	PVC Hub - 4-1/2" Rnd Strainer	BI	5	5
821-T200ANR	ABS Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	5	5
	SQUARE RING & STRAINER			
821-200ANQ	ABS Hub - 4-1/2" Sqr Strainer	BI	5	5
821-200PNQ	PVC Hub - 4-1/2" Sqr Strainer	BI	5	5
821-T200ANQ	ABS Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T200PNQ	PVC Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	5	5
	COMPONENT ITEMS			
821-2LNQ	4-1/2" Sqr Strainer	BI	1	5
821-2LNR	4-1/4" Rnd Strainer	BI	1	5
821-MHA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-MHP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-TMHA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-TMHP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

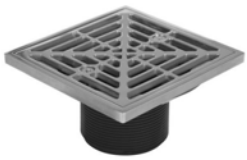
Deluxe Polished Stainless Ring & Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND RING & STRAINER			
821-200ACR	ABS Hub - 4-1/2" Rnd Strainer	BI	5	5
821-200PCR	PVC Hub - 4-1/2" Rnd Strainer	BI	5	5
821-T200ACR	ABS Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	5	5
821-T200PCR	PVC Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	5	5
	SQUARE RING & STRAINER			
821-200ACQ	ABS Hub - 4-1/2" Sqr Strainer	BI	5	5
821-200PCQ	PVC Hub - 4-1/2" Sqr Strainer	BI	5	5
821-T200ACQ	ABS Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T200PCQ	PVC Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
	COMPONENT ITEMS			
821-2LCQ	4-1/2" Sqr Strainer	BI	1	5
821-2LCR	4-1/2" Rnd Strainer	BI	1	5
821-MHA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-MHP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-TMHA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-TMHP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-200ACR

821-200PCQ

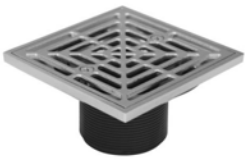


821-2LCQ

821-EX2

821-200AKR

821-200PKQ



821-2LKQ

821-EX2

Deluxe Satin Nickel Finish Ring & Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND RING & STRAINER			
821-200AKR	ABS Hub - 4-1/2" Rnd Strainer	BI	5	5
821-200PKR	PVC Hub - 4-1/2" Rnd Strainer	BI	5	5
821-T200AKR	ABS Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T200PKR	PVC Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	5	5
	SQUARE RING & STRAINER			
821-200PKQ	PVC Hub - 4-1/2" Sqr Strainer	BI	5	5
821-T200AKQ	ABS Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T200PKQ	PVC Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
	COMPONENT ITEMS			
821-2LKR	4-1/2" Rnd Strainer	BI	1	5
821-MHA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-MHP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-TMHA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-TMHP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-200PSR

821-200ASQ

Deluxe Matte Stainless Ring & Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND RING & STRAINER			
821-200PSR	PVC Hub - 4-1/2" Rnd Strainer	BI	5	5
821-T200ASR	ABS Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	5	5
821-T200PSR	PVC Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	5	5
	SQUARE RING & STRAINER			
821-200ASQ	ABS Hub - 4-1/2" Sqr Strainer	BI	5	5
821-200PSQ	PVC Hub - 4-1/2" Sqr Strainer	BI	5	5
821-T200ASQ	ABS Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T200PSQ	PVC Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5

Deluxe Matte Stainless Ring & Strainer (Cont)

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPONENT ITEMS			
821-2LSQ	4-1/2" Sqr Strainer	BI	1	5
821-2LSR	4-1/2" Rnd Strainer	BI	1	5
821-MHA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-MHP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-TMHA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-TMHP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-EX2

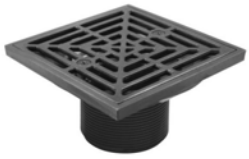
Deluxe Oil-Rubbed Bronze Finish Ring & Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROUND RING & STRAINER			
821-200ARBR	ABS Hub - 4-1/2" Rnd Strainer	BI	5	5
821-200PRBR	PVC Hub - 4-1/2" Rnd Strainer	BI	5	5
821-T200ARBR	ABS Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T200PRBR	PVC Hub - 4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	1	5
	SQUARE RING & STRAINER			
821-200ARBQ	ABS Hub - 4-1/2" Sqr Strainer	BI	5	5
821-200PRBQ	PVC Hub - 4-1/2" Sqr Strainer	BI	5	5
821-T200ARBQ	ABS Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T200PRBQ	PVC Hub - 4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
	COMPONENT ITEMS			
821-2LRBQ	4-1/2" Sqr Strainer	BI	1	5
821-2LRBR	4-1/2" Rnd Strainer	BI	1	5
821-MHA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-MHP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-TMHA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-TMHP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-200PRBR

821-T200ARBQ



821-2LRBQ

821-EX2

821-T2PQCP

821-2PQRB

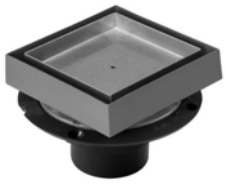
821-HQCP

821-EX2

Grid-Pattern Head & Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHROME-PLATED FINISH			
821-2AQCP	ABS Hub - 4-1/8" Sqr Strainer	BI	5	5
821-2PQCP	PVC Hub - 4-1/8" Sqr Strainer	BI	5	5
821-T2AQCP	ABS Hub - 4-1/8" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T2PQCP	PVC Hub - 4-1/8" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
	OIL-RUBBED BRONZE FINISH			
821-2AQRB	ABS Hub - 4-1/8" Sqr Strainer	BI	5	5
821-2PQRB	PVC Hub - 4-1/8" Sqr Strainer	BI	1	5
821-T2AQRB	ABS Hub - 4-1/8" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
821-T2PQRB	PVC Hub - 4-1/8" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	1	5
	COMPONENT ITEMS			
821-2LQRB	4-1/8" Sqr Strainer	BI	1	5
821-HQCP	4-1/8" Sqr Strainer	BI	1	5
821-MHA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-MHP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-TMHA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-TMHP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50



821-2AT5A

821-2PTQ

Tile-Insert Strainer

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ABS HEAD			
821-2AT4A	ABS Hub - 4" Head, Stainless Tile-In Tray	BI	1	5
821-2AT5A	ABS Hub - 5" Head, Stainless Tile-In Tray	BI	1	5
821-2PT4A	PVC Hub - 4" Head, Stainless Tile-In Tray	BI	1	5
821-2PT5A	PVC Hub - 5" Head, Stainless Tile-In Tray	BI	1	5
821-T2AT4A	ABS Hub - 4" Head, Stainless Tile-In Tray w/ DoubleDuty™ Test Plug	BI	1	5
821-T2AT5A	ABS Hub - 5" Head, Stainless Tile-In Tray w/ DoubleDuty™ Test Plug	BI	1	5
821-T2PT5A	PVC Hub - 5" Head, Stainless Tile-In Tray w/ DoubleDuty™ Test Plug	BI	1	5
	STAINLESS STEEL HEAD			
821-2ATQ	ABS Hub - 5" Head, Stainless Tile-In Tray	BI	1	1
821-2PTQ	PVC Hub - 5" Head, Stainless Tile-In Tray	BI	1	1
821-T2ATQ	ABS Hub - 5" Head, Stainless Tile-In Tray w/ DoubleDuty™ Test Plug	BI	1	1
821-T2PTQ	PVC Hub - 5" Head, Stainless Tile-In Tray w/ DoubleDuty™ Test Plug	BI	1	1

Tile-Insert Strainer (Cont)

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPONENT ITEMS			
821-2LT4A	4" ABS Head, Stainless Tile-In Tray	BI	1	4
821-2LT5A	5" ABS Head, Stainless Tile-In Tray	BI	1	10
821-2LTQ	5" Stainless Steel Head, Stainless Tile-In Tray	BI	1	20
821-MHA2	2" ABS Hub - Base & Collar Only	BI	25	25
821-MHP2	2" PVC Hub - Base & Collar Only	BI	25	25
821-TMHA2	2" ABS Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
821-TMHP2	2" PVC Hub - Base & Collar Only w/ DoubleDuty™ Test Plug	BI	25	25
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-2LTQ

821-EX2

Adjustable Slab Shower Drain

2" PVC Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SCREW-ON STAINLESS STEEL STRAINER			
820-2P	4-1/4" Stnls Steel Rnd Strainer	BI	20	20
820-T2P	4-1/4" Stnls Steel Rnd Strainer w/ DoubleDuty™ Test Plug	BI	10	10
	SNAP-IN STAINLESS STEEL STRAINER			
820-27P	4-1/4" Stnls Steel Rnd Strainer	BI	20	20
820-27PQ	4-1/4" Stnls Steel Sqr Strainer	BI	20	20
820-T27P	4-1/4" Stnls Steel Rnd Strainer w/ DoubleDuty™ Test Plug	BI	10	10
820-T27PQ	4-1/4" Stnls Steel Sqr Strainer w/ DoubleDuty™ Test Plug	BI	10	10
	DELUXE ROUND RING & STRAINER			
820-20PCR	4-1/2" Chrome Rnd Strainer	BI	6	6
820-20PKR	4-1/2" Nikl Rnd Strainer	BI	6	6
820-20PRBR	4-1/2" Oil-Rubbed Brnz Rnd Strainer	BI	6	6
820-T20PCR	4-1/2" Chrome Rnd Strainer w/ DoubleDuty™ Test Plug	BI	6	6
820-T20PKR	4-1/2" Rnd Strainer w/ DoubleDuty™ Test Plug	BI	6	6
820-T20PRBR	4-1/2" Oil-Rubbed Brnz Rnd Strainer w/ DoubleDuty™ Test Plug	BI	6	6
	DELUXE SQUARE RING & STRAINER			
820-20PCQ	4-1/2" Chrome Sqr Strainer	BI	6	6
820-20PKQ	4-1/2" Nikl Sqr Strainer	BI	6	6
820-20PRBQ	4-1/2" Oil-Rubbed Brnz Sqr Strainer	BI	6	6
820-T20PCQ	4-1/2" Chrome Sqr Strainer w/ DoubleDuty™ Test Plug	BI	6	6
820-T20PKQ	4-1/2" Sqr Strainer w/ DoubleDuty™ Test Plug	BI	6	6
820-T20PRBQ	4-1/2" Oil-Rubbed Brnz Sqr Strainer w/ DoubleDuty™ Test Plug	BI	6	6
	ACCESSORIES			
821-H	Hair Catcher	B	10	100
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

820-27P

820-27PQ

820-20PNQ

863-435NQ

863-435CQ

863-435SR

Large-Capacity Shower Pan Drains

3" PVC/ABS Sch. 40 Hub Connection

Related Products
Halo™ Drain with Clamping Collar Option p 330

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NICKEL-BRONZE RING & STRAINER			
863-335NQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-435NQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-435NR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
	POLISHED STAINLESS STEEL RING & STRAINER			
863-335CQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-335CR	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	1
863-435CQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-435CR	3" PVC Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
	MATTE STAINLESS STEEL RING & STRAINER			
863-335SQ	3" ABS Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
863-335SR	3" ABS Hub - 5-1/2" Rnd Ring & Strainer	BI	1	6
863-435SQ	3" PVC Hub - 5-7/8" Sqr Ring & Strainer	BI	1	2
	ACCESSORIES			
822-EX3	Ductile Iron Extension Adapter	B	1	1
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25
835-35	Trapshield™ For 3-1/2" Drain Head	BI	1	25

822-S2P

FinishLine™ Shower Pan Drain

2" PVC/ABS - Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DRAINS			
822-S2A	ABS Hub - Debris Cover	BI	6	6
822-S2P	PVC Hub - Debris Cover	BI	6	6

Cast Iron Shower Drains

3-Piece Drain with Grid-Pattern Head & Strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	2" NO-HUB CONNECTION			
821-2IHQCP	4-1/8" Sqr Strainer	BI	1	5
	2" FIP THREAD CONNECTION			
821-2ITQCP	4-1/8" Sqr Strainer	BI	1	5
	COMPONENT ITEMS			
821-2IH	2" No-Hub	BI	1	10
821-2IT	2" FIP	BI	1	10
821-HQCP	4-1/8" Sqr Strainer	BI	1	5
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

821-2IHCP

821-2ITQCP

821-HCP

Cast Iron Shower Drains

2-Piece Drain with Stamped Stainless Steel Strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	2" NO-CAULK CONNECTION			
821-2INS	3-1/2" Rnd Strainer	CI	1	4
	2" FIP THREAD CONNECTION			
821-2IFS	3-1/2" Rnd Strainer	CI	4	4

821-2INS

821-2IFS

823-TX26SP

823-TX26WP

823-TX26TP

Stainless Steel Linear Shower Drain

2" PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAMPED STAINLESS STEEL STRAINER			
823-TX26SA	ABS Hub - 26" Linear Drain	BI	1	1
823-TX26SP	PVC Hub - 26" Linear Drain	BI	1	1
823-TX30SA	ABS Hub - 30" Linear Drain	BI	1	1
823-TX30SP	PVC Hub - 30" Linear Drain	BI	1	1
823-TX36SA	ABS Hub - 36" Linear Drain	BI	1	1
823-TX36SP	PVC Hub - 36" Linear Drain	BI	1	1
823-TX40SA	ABS Hub - 40" Linear Drain	BI	1	1
823-TX40SP	PVC Hub - 40" Linear Drain	BI	1	1
823-TX48SA	ABS Hub - 48" Linear Drain	BI	1	1
823-TX48SP	PVC Hub - 48" Linear Drain	BI	1	1
823-TX60SA	ABS Hub - 60" Linear Drain	BI	1	1
823-TX60SP	PVC Hub - 60" Linear Drain	BI	1	1
	STAINLESS STEEL WEDGEWIRE STRAINER			
823-TX26WA	ABS Hub - 26" Linear Drain	BI	1	1
823-TX26WP	PVC Hub - 26" Linear Drain	BI	1	1
823-TX30WA	ABS Hub - 30" Linear Drain	BI	1	1
823-TX30WP	PVC Hub - 30" Linear Drain	BI	1	1
823-TX36WA	ABS Hub - 36" Linear Drain	BI	1	1
823-TX36WP	PVC Hub - 36" Linear Drain	BI	1	1
823-TX40WA	ABS Hub - 40" Linear Drain	BI	1	1
823-TX40WP	PVC Hub - 40" Linear Drain	BI	1	1
823-TX48WA	ABS Hub - 48" Linear Drain	BI	1	1
823-TX48WP	PVC Hub - 48" Linear Drain	BI	1	1
823-TX60WA	ABS Hub - 60" Linear Drain	BI	1	1
823-TX60WP	PVC Hub - 60" Linear Drain	BI	1	1
	TILE-INSERT STRAINER			
823-TX26TA	ABS Hub - 26" Linear Drain	BI	1	1
823-TX26TP	PVC Hub - 26" Linear Drain	BI	1	1
823-TX30TA	ABS Hub - 30" Linear Drain	BI	1	1
823-TX30TP	PVC Hub - 30" Linear Drain	BI	1	1
823-TX36TA	ABS Hub - 36" Linear Drain	BI	1	1
823-TX36TP	PVC Hub - 36" Linear Drain	BI	1	1
823-TX40TA	ABS Hub - 40" Linear Drain	BI	1	1
823-TX40TP	PVC Hub - 40" Linear Drain	BI	1	1
823-TX48TA	ABS Hub - 48" Linear Drain	BI	1	1
823-TX48TP	PVC Hub - 48" Linear Drain	BI	1	1
823-TX60TA	ABS Hub - 60" Linear Drain	BI	1	1
823-TX60TP	PVC Hub - 60" Linear Drain	BI	1	1
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

Site-Adjustable Linear Shower Drain

2" PVC/ABS Sch. 40 Hub Connection

823-T2A36V

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAMPED STAINLESS STEEL STRAINER			
823-T2A36V	ABS Hub - 36" Linear Drain Kit	BI	1	1
823-T2A72V	ABS Hub - 72" Linear Drain Kit	BI	1	1
823-T2P36V	PVC Hub - 36" Linear Drain Kit	BI	1	1
823-T2P72V	PVC Hub - 72" Linear Drain Kit	BI	1	1
	TILE-INSERT STRAINER			
823-T2A36T	ABS Hub - 36" Linear Drain Kit	BI	1	1
823-T2A72T	ABS Hub - 72" Linear Drain Kit	BI	1	1
823-T2P36T	PVC Hub - 36" Linear Drain Kit	BI	1	1
823-T2P72T	PVC Hub - 72" Linear Drain Kit	BI	1	1
	ACCESSORIES			
821-EX2	Threaded Extension Adapter - 2-3/8" Min - 4-3/4" Max	BI	1	50
821-TP	Test Plug For 821 Shower Drain	BI	10	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

Low-Profile Linear Shower Drain

2" PVC Sch. 40 Hub Connection

823-24PSS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAMPED STAINLESS STEEL STRAINER			
823-24PSS	24" Channel Length	BI	1	1
823-32PSS	32" Channel Length	BI	1	1
823-40PSS	40" Channel Length	BI	1	1
823-60PSS	60" Channel Length	BI	1	1
	TILE-INSERT STRAINER			
823-32PST	32" Channel Length	BI	1	1
823-60PST	60" Channel Length	BI	1	1

825-20P

825-27A

825 Series - Receptor-Base Style

PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SCREW-ON STAINLESS STEEL STRAINER			
825-1P	1-1/2" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
825-20A	2" ABS Hub - 4-1/4" Rnd Strainer	BI	20	20
825-20P	2" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
825-2A	2" ABS Hub - 4-1/4" Rnd Strainer	BI	20	20
825-2APK	2" ABS Hub - 4-1/4" Rnd Strainer	BI	12	12
825-2P	2" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
825-2PPK	2" PVC Hub - 4-1/4" Rnd Strainer	CI	12	12
	SNAP-IN STAINLESS STEEL STRAINER			
825-17P	1-1/2" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
825-27A	2" ABS Hub - 4-1/4" Rnd Strainer	BI	20	20
825-27P	2" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
	ACCESSORIES			
821-H	Hair Catcher	B	10	100
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

825-2PFS

825 Series - Offset Receptor-Base Style

2" PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SCREW-ON STAINLESS STEEL STRAINER			
825-2AFS	2" ABS Hub - 4-1/4" Rnd Strainer	CI	10	10
825-2PFS	2" PVC Hub - 4-1/4" Rnd Strainer	CI	10	10

825-17P9

825 Series - Side Outlet Receptor-Base Style

PVC Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1-1/2" PVC SCH. 40 HUB CONNECTION			
825-17P9	1-1/2" Side Outlet PVC Hub - 4-1/4" Rnd Strainer	BI	8	8
	2" PVC SCH. 40 HUB CONNECTION			
825-27P9	2" Side Outlet PVC Hub - 4-1/4" Rnd Strainer	BI	8	8

No-Caulk Connection

2" No-Caulk Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRASS BODY - STAINLESS STEEL STRAINER			
827-2B	2" No-Caulk Conn. - 4-1/4" Rnd Strainer	CI	20	20
	POLYPRO BODY - STAINLESS STEEL STRAINER			
828-2	2" No-Caulk Conn. - 4-1/4" Rnd Strainer	BI	20	20
828-2PK	2" No-Caulk Conn. - 4-1/4" Rnd Strainer	CI	10	10
	ACCESSORIES			
821-H	Hair Catcher	B	10	100
827-2BG	Elastomer Comp. Gasket	B	1	100
828-GC	Elastomer Compression Gasket For Copper Pipe	B	1	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

827-2B

828-2

JackRabbit™ Outer-Locknut Style

2" No-Caulk Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRASS BODY - STAINLESS STEEL STRAINER			
827-2J	2" Brass No-Caulk Conn. - 4-1/4" Rnd Strainer	CI	1	10
	ACCESSORIES			
821-H	Hair Catcher	B	10	100
827-2BG	Elastomer Comp. Gasket	B	1	100
828-GC	Elastomer Compression Gasket For Copper Pipe	B	1	10
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

827-2J

826 Series - Outer-Locknut Style

2" Glue-or-Gasket Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	2" GLUE-OR-GASKET CONNECTION			
826-2A	2" ABS Hub - 4-1/4" Rnd Strainer	BI	1	20
826-2P	2" PVC Hub - 4-1/4" Rnd Strainer	BI	1	20
826-2PPK	2" PVC Hub - 4-1/4" Rnd Strainer	CI	10	10
	ACCESSORIES			
821-H	Hair Catcher	B	10	100
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

826-2P

819-2P

Freestanding Tub Drain

2" PVC/ABS - Sch.40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
819-2A	ABS Hub - Tub Drain	BI	6	6
819-2P	PVC Hub - Tub Drain	BI	6	6

Snap-In Strainers

Stamped (19 ga)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL			
827-2S	4-1/4" Rnd Snap-In	BI	1	100
827-2SPK1	4-1/4" Rnd Snap-In, Cut Case	CI	10	10
827-2SQPK1	4-1/4" Sqr Snap-In, Cut Case	CI	1	5
	OIL-RUBBED BRONZE FINISH			
827-2RBPK2	4-1/4" Rnd Snap-In	BI	5	5
827-2RBQ	4-1/4" Sqr Snap-In	BI	1	100
827-2RBQPK1	4-1/4" Sqr Snap-In, Cut Case	CI	1	5
	SATIN NICKEL FINISH			
827-2SNPK2	4-1/4" Rnd Snap-In, Cut Case	BI	5	5
827-2SNQPK1	4-1/4" Sqr Snap-In, Cut Case	CI	1	5
	MATTE BLACK FINISH			
827-2SMQPK1	4-1/4" Sqr Snap-In	CI	1	5
827-2SMRPK1	4-1/4" Rnd Snap-In	CI	5	5
	WHITE ENAMEL FINISH			
827-2SWPK1	4-1/4" Rnd Snap-In, Cut Case	CI	1	5
	POLISHED BRASS FINISH			
827-2SPPK1	4-1/4" Rnd Snap-In, Cut Case	CI	1	5

827-2S

827-2RBQ

Screw-On Strainers

Stamped (19 ga)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL			
821-2S	4-1/4" Diameter	BI	1	100
821-2SPK1	4-1/4" Diameter	CI	10	10

821-2S

Cast Ring & Strainers

Round Pattern

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHROME FINISH			
821-2SCRPK2	4-1/2" Diameter	BI	1	50
	POLISHED STAINLESS STEEL			
821-2SCRPK1	4-1/2" Diameter	BI	1	10
	SATIN NICKEL FINISH			
821-2SKRPK1	4-1/2" Diameter	BI	6	6
821-2SKRPK2	4-1/2" Diameter	BI	1	50
	OIL-RUBBED BRONZE FINISH			
821-2SRBRPK1	4-1/2" Diameter	CI	6	6
821-2SRBRPK2	4-1/2" Diameter	BI	1	50
	MATTE BLACK FINISH			
821-2SMRPK2	4-1/2" Diameter	CI	1	5

821-2SKRPK1

821-2SRBRPK1

Cast Ring & Strainers (Cont)

Round Pattern

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MATTE STAINLESS STEEL			
821-2SSRPK1	4-1/2" Diameter	BI	1	10
	NICKEL-BRONZE			
821-2SNRPK1	4-1/2" Diameter	CI	6	6

Cast Ring & Strainers

821-2SKQPK1

821-2SRBQPK1

Square Pattern

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CHROME FINISH			
821-2SCQPK2	4-1/2" Diameter	BI	1	50
	POLISHED STAINLESS STEEL			
821-2SCQPK1	4-1/2" Diameter	BI	1	10
	SATIN NICKEL FINISH			
821-2SKQPK1	4-1/2" Diameter	BI	1	10
821-2SKQPK2	4-1/2" Diameter	BI	1	50
	OIL-RUBBED BRONZE FINISH			
821-2SRBQPK1	4-1/2" Diameter	BI	1	10
821-2SRBQPK2	4-1/2" Diameter	BI	1	50
	MATTE BLACK FINISH			
821-2SMQPK2	4-1/2" Diameter	CI	5	5
	MATTE STAINLESS STEEL			
821-2SSQPK1	4-1/2" Diameter	CI	1	10
	NICKEL-BRONZE			
821-2SNQPK1	4-1/2" Diameter	CI	1	10

Residential Floor Drains

WeldOne™ Integral Trap Drains

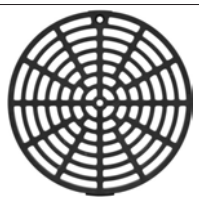
QuadDrain™ General-Purpose Drains

Pipe Strainers

Accessories

Floor drains for residential basements and mechanical rooms, as well as a variety of models for garages and other applications available with PVC and ABS connections.

Drains available with durable yet economical poly strainers, or cast ring/strainers for finished areas.

800-P **Page 413**	**841-2P** **Page 414**	**840-27P** **Page 414**	**866-34PPK** **Page 415**	**845-3PPK** **Page 416**
847-7 **Page 416**	**869-V4** **Page 417**	 **801-A2** **Page 418**		

WeldOne™

2" PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLYPRO STRAINER			
800-A	ABS Hub - 6-1/2" Rnd Strainer	BI	12	12
800-ABW	ABS Hub - 6-1/2" Rnd Strainer w/ Backwater Device	BI	12	12
800-P	PVC Hub - 6-1/2" Rnd Strainer	BI	12	12
800-PBW	PVC Hub - 6-1/2" Rnd Strainer w/ Backwater Device	BI	12	12
800-PPK	PVC Hub - 6-1/2" Rnd Strainer	BI	3	3
	ACCESSORIES			
802-7	Polypro Backwater Device For 2" FIP Threads	CI	12	12

800-P

802-7

841-2P

QuadDrain™

2x3 PVC/ABS Sch. 40 Hub

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLYPRO STRAINER			
841-2A	2" ABS Hub - 6-1/2" Rnd Strainer	BI	12	12
841-2P	2" PVC Hub - 6-1/2" Rnd Strainer	BI	12	12
841-2PPK	2" PVC Hub - 6-1/2" Rnd Strainer	BI	6	6
	ACCESSORIES			
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50

841-29P

841-29PNR

QuadDrain™

Full-Slip Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLYPRO STRAINER			
841-29P	2" PVC Hub - 6-1/2" Rnd Strainer	BI	12	12
841-39P	3" PVC Hub - 6-1/2" Rnd Strainer	BI	12	12
	NICKEL-BRONZE RING & STRAINER			
841-29PNR	2" PVC Hub - 6-1/2" Rnd Ring & Strainer	BI	1	2
	ACCESSORIES			
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25

840-2A

840-27P

840-20ANR

840 Series Floor Drains

PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SCREW-ON STAINLESS STEEL STRAINER			
840-2A	2" ABS Hub - 4-1/4" Rnd Strainer	BI	1	20
840-2APK	2" ABS Hub - 4-1/4" Rnd Strainer	CI	10	10
840-2P	2" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
840-2PPK	2" PVC Hub - 4-1/4" Rnd Strainer	CI	10	10
840-3A	3" ABS Hub - 4-1/4" Rnd Strainer	BI	1	20
840-3APK	3" ABS Hub - 4-1/4" Rnd Strainer	CI	10	10
840-3P	3" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
840-3PPK	3" PVC Hub - 4-1/4" Rnd Strainer	CI	10	10
	SNAP-IN STAINLESS STEEL STRAINER			
840-27A	2" ABS Hub - 4-1/4" Rnd Strainer	BI	20	20
840-27P	2" PVC Hub - 4-1/4" Rnd Strainer	BI	20	20
	NICKEL-BRONZE RING & STRAINER			
840-20ANR	2" ABS Hub - 4-1/2" Rnd Ring & Strainer	BI	1	10
840-20PNQ	2" PVC Hub - 4-1/2" Sqr Ring & Strainer	BI	1	1
840-20PNR	2" PVC Hub - 4-1/2" Rnd Ring & Strainer	BI	1	10
840-30PNR	3" PVC Hub - 4-1/2" Rnd Ring & Strainer	BI	1	10

840 Series Floor Drains (Cont)

PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STAINLESS STEEL RING & STRAINER			
840-20PCQ	2" PVC Hub - 4-1/2" Sqr Ring & Strainer	BI	1	5
840-20PSQ	2" PVC Hub - 4-1/2" Sqr Ring & Strainer	BI	1	1
	ACCESSORIES			
835-2	Trapshield™ For 2" Drain Outlet	BI	1	50
835-3	Trapshield™ For 3" Drain Outlet	BI	1	25

Bell-Trap Floor Drains

PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
866-2PPK	1-1/2" Hub/Inside 2" PVC - 6" Diameter Top	CI	5	5
866-34PPK	3" Hub/Inside 4" PVC - 9" Diameter Top	CI	5	5

866-34PPK

Bell-Trap Floor Drains

Cast Iron No-Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
866-2I	2" No-Hub - 5-3/4" Diameter Top	BI	1	4
866-3I	3" No-Hub - 9" Diameter Top	BI	1	4

866-2I

845-3PPK

845-84PN

Inside Pipe Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ONE-PIECE ABS			
845-2APK	Inside 2" Black for ABS - 2-3/8" Rnd Strainer	CI	10	10
845-2PPK	Inside 2" White for PVC - 2-3/8" Rnd Strainer	CI	10	10
845-3APK	Inside 3" Black for ABS - 3-1/2" Rnd Strainer	CI	10	10
845-3PPK	Inside 3" White for PVC - 3-1/2" Rnd Strainer	CI	10	10
845-4APK	Inside 4" Black for ABS - 4-1/2" Rnd Strainer	CI	10	10
845-4PPK	Inside 4" White for PVC - 4-1/2" Rnd Strainer	CI	10	10
	NICKEL-BRONZE STRAINER			
845-83PN	Inside 3" PVC - 3-1/2" Rnd Nickel-bronze Strainer	CI	12	12
845-84PN	Inside 4" PVC - 4-1/2" Rnd Nickel-bronze Strainer	CI	10	10

847-2

Gripper™

Stainless Steel Pipe Strainers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
847-2	Fits 2" Pipe - 3-1/8" Rnd Strainer	B	20	20
847-2PK1	Fits 2" Pipe, Clamshell - 3-1/8" Rnd Strainer	CI	5	5
847-3	Fits 3" Pipe - 3-3/4" Rnd Strainer	B	20	20
847-3PK1	Fits 3" Pipe, Clamshell - 3-3/4" Rnd Strainer	CI	10	10
847-4	Fits 4" Pipe - 4-7/8" Rnd Strainer	B	10	10
847-4PK1	Fits 4" Pipe, Clamshell - 4-7/8" Rnd Strainer	CI	10	10

847-7

ReplaceIt™

Adjustable Stainless Steel Replacement Strainer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
847-7	7-1/4" Diameter, Clamshell	CI	10	10
847-7B	7-1/4" Diameter	BI	20	20
847-9	9-1/4" Diameter	BI	1	10

Philadelphia Style Fresh Air Vent

Cast Iron Inside-Caulk Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
869-V4	4"	BI	1	4

869-V4

Pittsburgh Style Floor Drain

Cast Iron Inside-Caulk Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
844-04IQ	4"	BI	1	4

844-04IQ

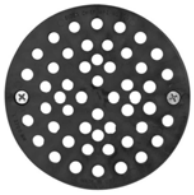
St. Louis Style Floor Drain

Cast Iron Inside-Caulk Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
844-02SL	2"	BI	1	1
844-04SL	4"	BI	1	1
844-0SL	3"	BI	1	1

844-02SL

801-A2

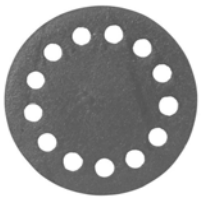


801-A

801-DR2

Strainers for Weld One / Quad Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NEW PATTERN			
801-A2	6-1/8" Diameter, Rnd, Black Polypro	BI	1	25
801-P2	6-1/8" Diameter, Rnd, White Polypro	BI	1	25
801-P2PK	6-1/8" Diameter, Rnd, White Polypro	BI	10	10
801-PG2	6-1/8" Diameter, Rnd, Gray Polypro	BI	1	25
	CLASSIC PATTERN			
801-A	6-3/4" Diameter, Rnd, Black Poly	BI	1	25
801-APK	6-3/4" Diameter, Rnd, Black Polypro	CI	10	10
801-P	6-3/4" Diameter, Rnd, White Polypro	BI	1	25
801-PPK	6-3/4" Diameter, Rnd, White Polypro	CI	10	10
	CAST METAL RING & STRAINER			
801-DR2	6-1/2" Diameter, Rnd, Ductile Iron	BI	1	10
801-NQ2	7" Diameter, Sqr, Nikl-Brnz	BI	1	10
801-NR2	6-1/2" Diameter, Rnd, Nikl-Brnz	BI	1	10
801-SQ2	7" Diameter, Sqr, Stnls Steel	BI	1	10
801-SR2	6-1/2" Diameter, Rnd, Stnls Steel	BI	1	10

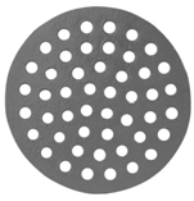


866-S2I

866-3S

Strainers for Bell Trap Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STRAINERS FOR 6X6 DRAINS			
866-2S	4-9/16" Diameter, Rnd, PVC	BI	1	20
866-S2I	4-7/8" Diameter, Rnd, Cast Iron	BI	1	10
	STRAINERS FOR 9X9 DRAINS			
866-3S	7-3/4" Diameter, Rnd, PVC	BI	1	20
866-S3I	6-3/4" Diameter, Rnd, Cast Iron	BI	1	10



844-02G

Strainers for City-Style Drains

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PITTSBURGH STYLE			
844-S4	6-3/4" Diameter, Rnd Epoxy Coated Cast Iron	BI	1	40
	ST. LOUIS STYLE			
844-02G	4-7/16" Diameter, Rnd Epoxy Coated Cast Iron	BI	1	10
844-04G	8-5/8" Diameter, Rnd Epoxy Coated Cast Iron	BI	1	10
844-0G	6-3/8" Diameter, Rnd Epoxy Coated Cast Iron	BI	1	10

Strainers for City-Style Drains (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PHILADELPHIA STYLE			
869-SV4	6" Diameter, Rnd Epoxy Coated Cast Iron w/ Set Screw	BI	10	10

869-SV4

General-Purpose Cast Iron Strainers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
846-S11PK	6-5/8" Diameter	CI	3	3
846-S13PK	6-7/8" Diameter	CI	3	3
846-S15PK	7" Diameter	CI	3	3
846-S17PK	8" Diameter	CI	3	3
846-S19PK	8-7/8" Diameter	CI	3	3
846-S1PK	4-3/8" Diameter	CI	3	3
846-S3PK	5" Diameter	CI	3	3
846-S5PK	6" Diameter	CI	3	3
846-S7PK	6-1/4" Diameter	CI	3	3
846-S9PK	6-1/2" Diameter	CI	3	3

846-S1PK

Notes:

Closet Flanges

Knockout Closet Flanges

Open Closet Flanges

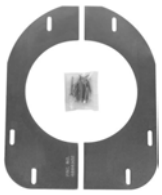
Push-In Closet Flanges

Offset Closet Flanges

Specialty Flanges

Repair Rings

Sioux Chief offers one of the most complete and innovative lines of closet flanges in the industry with models available to suit almost any application.

 883-PT **Page 423**	 **884-PTM** **Page 423**	 **886-P** **Page 424**	 **887-PM** **Page 424**	 **886-GP** **Page 425**
 886-GI **Page 425**	 **889-P0M** **Page 426**	 **889-45PM** **Page 426**	 **890-I42** **Page 427**	 **868-7P** **Page 427**
 886-MR **Page 428**	 **886-R** **Page 428**	 **886-ER** **Page 428**	 **490-11322** **Page 429**	

TKO™

PVC/ABS Sch. 40 Connection

Related Products
Closet Specialties p 607

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ONE-PIECE PLASTIC RING			
883-AT	3" Hub/Inside 4", ABS, Flush To Floor	BI	25	25
883-ATPK	3" Hub/Inside 4", ABS, Flush To Floor	CI	8	8
883-PT	3" Hub/Inside 4", PVC, Flush To Floor	BI	25	25
883-PTPK	3" Hub/Inside 4", PVC, Flush To Floor	CI	8	8
886-PT30	3" Sch 30 Hub, PVC	BI	25	25
	STAINLESS STEEL SWIVEL RING			
884-ATM	3" Hub/Inside 4", ABS, Flush To Floor, 2-1/2" Tailpiece	BI	24	24
884-ATMPK	3" Hub/Inside 4", ABS, Flush To Floor, 2-1/2" Tailpiece	CI	8	8
884-PTM	3" Hub/Inside 4", PVC, Flush To Floor, 2-1/2" Tailpiece	BI	24	24
884-PTMPK	3" Hub/Inside 4", PVC, Flush To Floor, 2-1/2" Tailpiece	CI	8	8
886-4ATM	4" Hub, ABS, Flush To Floor	BI	25	25
886-4ATMPK	4" Hub, ABS, Flush To Floor	CI	8	8
886-4ATMSPK	4" Spigot, ABS, Flush To Floor	CI	8	8
886-4PTM	4" Hub, PVC, Flush To Floor	BI	25	25
886-4PTMPK	4" Hub, PVC, Flush To Floor	CI	8	8
886-4PTMSPK	4" Spigot, PVC, Flush To Floor	CI	8	8
886-ATMS	3" Spigot, ABS	BI	25	25
886-ATMSPK	3" Spigot, ABS	CI	8	8
886-PTM30	3" Sch 30 Hub, PVC	BI	25	25
886-PTMS	3" Spigot, PVC	BI	25	25
886-PTMSPK	3" Spigot, PVC	CI	8	8
888-ATM	Inside 3", ABS	BI	25	25
888-ATMPK	Inside 3", ABS	CI	8	8
888-PTM	Inside 3", PVC	BI	25	25
888-PTMPK	Inside 3", PVC	CI	8	8

883-AT

884-PTM

886-4P

888-AM

Open Flanges

PVC/ABS Sch. 40 Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ONE-PIECE PLASTIC RING			
886-4A	4" Hub, ABS, Flush To Floor	BI	25	25
886-4P	4" Hub, PVC, Flush To Floor	BI	25	25
886-4PPK	4" Hub, PVC, Flush To Floor	CI	6	6
886-A	3" Hub/Inside 4", ABS, Flush To Floor	BI	20	20
886-APK	3" Hub/Inside 4", ABS, Flush To Floor	CI	10	10
886-P	3" Hub/Inside 4", PVC, Flush To Floor	BI	20	20
886-PPK	3" Hub/Inside 4", PVC, Flush To Floor	CI	10	10
888-A	Inside 3", ABS	BI	20	20
888-APK	Inside 3", ABS	CI	10	10
888-P	Inside 3", PVC	BI	20	20
888-PPK	Inside 3", PVC	CI	10	10
	STAINLESS STEEL SWIVEL RING			
886-4AM	4" Hub, ABS, Flush To Floor	BI	25	25
886-4AMSPK	4" Spigot, ABS, Flush To Floor	CI	6	6
886-4PM	4" Hub, PVC, Flush To Floor	BI	25	25
886-4PMSPK	4" Spigot, PVC, Flush To Floor	CI	6	6
887-AM	3" Hub/Inside 4", ABS, Flush To Floor	BI	25	25
887-PM	3" Hub/Inside 4", PVC, Flush To Floor	BI	25	25
888-AM	Inside 3", ABS, Flush To Floor	BI	12	12
888-PM	Inside 3", PVC, Flush To Floor	BI	12	12

PushTite™

Inside-Pipe Gasket Connection

Related Products
PlumbPerfect™ Closet Bolts p 607

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	INSIDE 3" DWV PIPE			
888-GAM	Black ABS	BI	6	6
888-GPM	White ABS	CI	6	6
	INSIDE 4" DWV PIPE			
886-GA	Black ABS	BI	5	5
886-GI	Cast Iron	CI	5	5
886-GP	White ABS	CI	5	5
887-GPTMK	PushTite Kit: 886-GP, Wax Ring, Closet Bolts, & Shims	CI	1	1

888-GPM

886-GI

889-AOM

889-POTM

FullFlush™

PVC/ABS Sch. 40 Hub Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	OPEN OFFSET			
889-AOM	3" Hub/Inside 4", ABS	BI	20	20
889-AOMPK	3" Hub/Inside 4", ABS	CI	6	6
889-POM	3" Hub/Inside 4", PVC	BI	20	20
889-POMPK	3" Hub/Inside 4", PVC	CI	6	6
	TKO™ OFFSET			
889-AOTM	3" Hub/Inside 4", ABS	BI	20	20
889-POTM	3" Hub/Inside 4", PVC	BI	20	20

889-GPOM

FullFlush™

Inside-Pipe Gasket Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
889-GAOM	Inside 4", ABS	BI	5	5
889-GPOM	Inside 4", PVC	BI	5	5

889-45AM

DropKick™

PVC/ABS Sch. 40 Spigot Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
889-45AM	3", ABS	BI	20	20
889-45AMPK2	3", ABS	CI	6	6
889-45PM	3", PVC	BI	20	20
889-45PMPK2	3", PVC	CI	6	6

Cast Iron Closet Flanges

4" Compression Gasket Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
890-I42	Over 4" Comp., Cast Iron	BI	4	4

890-I42

Brass Closet Flange Rings

for Lead Pipe Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
890-4BDPK	Over 4" Lead, Cast Brass	CI	10	10
890-4BPK	Over 4" Lead, Cast Brass	CI	10	10

890-4BDPK

Urinal Flange Kit

2" PVC/ABS Sch. 40 Connection

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
868-5A	2" Hub, ABS	BI	10	10
868-5P	2" Hub, PVC	BI	10	10
868-7A	Inside 2", ABS	BI	10	10
868-7P	Inside 2", PVC	BI	10	10
868-9A	2" Spigot, ABS	BI	10	10
868-9P	2" Spigot, PVC	BI	10	10

868-5A

886-MR

Ringer™

Stainless Steel Repair Ring

Related Products
Closet Repair Items - Bolts, Caps, Shims, Wax, Etc. p 607

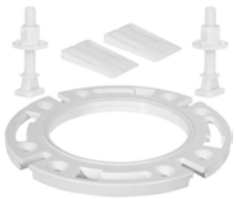
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-MR	Stnls Steel Closet Ring	CI	20	20

886-MRM

Two-Piece Repair Ring

Galvanized Steel Repair Ring

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-MRM	Two-Piece Flange Repair Ring Kit, 1/Card	CI	8	8



886-411

Raise-A-Ring™

Closet Flange Extension Ring

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-411	Raise-A-Ring Kit: One 886-R Ring w/ Closet Bolts And Two Shims, Bagged	CI	20	20
886-R	7/16" Thick Flange Extension Ring, Carded	CI	20	20
886-RQ	1/4" Thick Flange Extension Ring	CI	20	20
886-RQK	Raise-A-Ring Kit: Three 886-Rq Rings w/ Closet Bolts, Bagged	BI	25	25

886-ER

QuickSpacer™

Closet Flange Spacer Ring

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-ER	3/4" Closet Flange Spacer Ring	BI	25	25

490-11320

Save-A-Flange™

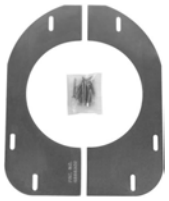
Broken Flange Repair Kit

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-11320	Closet Flange Repair Kit	BI	1	10

Closet Flange Floor Support

Galvanized Steel Support Plates

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-11322	Floor Flange Support For Closet Flange, 1/Bag	CI	1	10


490-11322

Notes:

Backwater Valves

ProCheck™ Shallow/Deep Access

Shallow Access

Accessories

The ProCheck™ backwater valve is adaptable for shallow or deep-bury applications. The unique flapper also creates a much tighter seal than other backwater valves.

ProCheck™

PVC/ABS Sch. 40 Hub Connection

· For horizontal, gravity-flow installations only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PVC/ABS SCH. 40 HUB CONNECTION			
869-S3A	3" ABS Hub	BI	4	4
869-S3APK	3" ABS Hub	CI	2	2
869-S3AS	3" ABS Hub w/ Shallow Access Sleeve Kit	BI	1	1
869-S3P	3" PVC Hub	BI	4	4
869-S3PPK	3" PVC Hub	CI	2	2
869-S3PS	3" PVC Hub w/ Shallow Access Sleeve Kit	BI	1	1
869-S4A	4" ABS Hub	BI	4	4
869-S4APK	4" ABS Hub	CI	2	2
869-S4AS	4" ABS Hub w/ Shallow Access Sleeve Kit	BI	1	1
869-S4P	4" PVC Hub	BI	4	4
869-S4PPK	4" PVC Hub	CI	2	2
869-S4PS	4" PVC Hub w/ Shallow Access Sleeve Kit	BI	1	1
	ACCESSORIES			
869-S4ADB	ABS Deep-Bury Adapter Kit	BI	1	1
869-S4PDB	PVC Deep-Bury Adapter Kit	BI	1	1
869-SF3	Flapper & Carrier For 3" Backwater Valve	BI	10	10
869-SF4	Flapper & Carrier For 4" Backwater Valve	BI	10	10
869-SSK	Shallow Access Sleeve Kit – Collar/Sleeve/Lid	BI	1	1
869-SSL	Turn-Lock Collar & Lid For 16" Shallow Access Sleeve	BI	4	4
869-SVLW	Threaded Lid For Backwater Valve, White w/ O-Ring	BI	10	10

869-S3P

869-S4AS

869-S4PDB

869-2P

869-23

DWV Backwater Valve

PVC/ABS Sch. 40 Hub Connection

· For horizontal, gravity-flow installations only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PVC/ABS SCH. 40 HUB CONNECTION			
869-2A	2" ABS Hub	BI	1	8
869-2P	2" PVC Hub	BI	1	8
869-2PS	2" PVC Hub w/ Extension Sleeve Kit	BI	1	1
869-6P	6" PVC Hub	B	1	1
	ACCESSORIES			
869-23	Extension Sleeve Kit For 2" Valve; Includes Sleeve, Locking Collar And Lid	BI	1	1
869-60	O-Ring For 6" Threaded Lid	BI	1	10
869-61	Flapper & O-Ring For 6" Valve	BI	1	10
869-6P1	6" White PVC Threaded Lid	BI	1	2

803-2PK2

Backup Float Valve

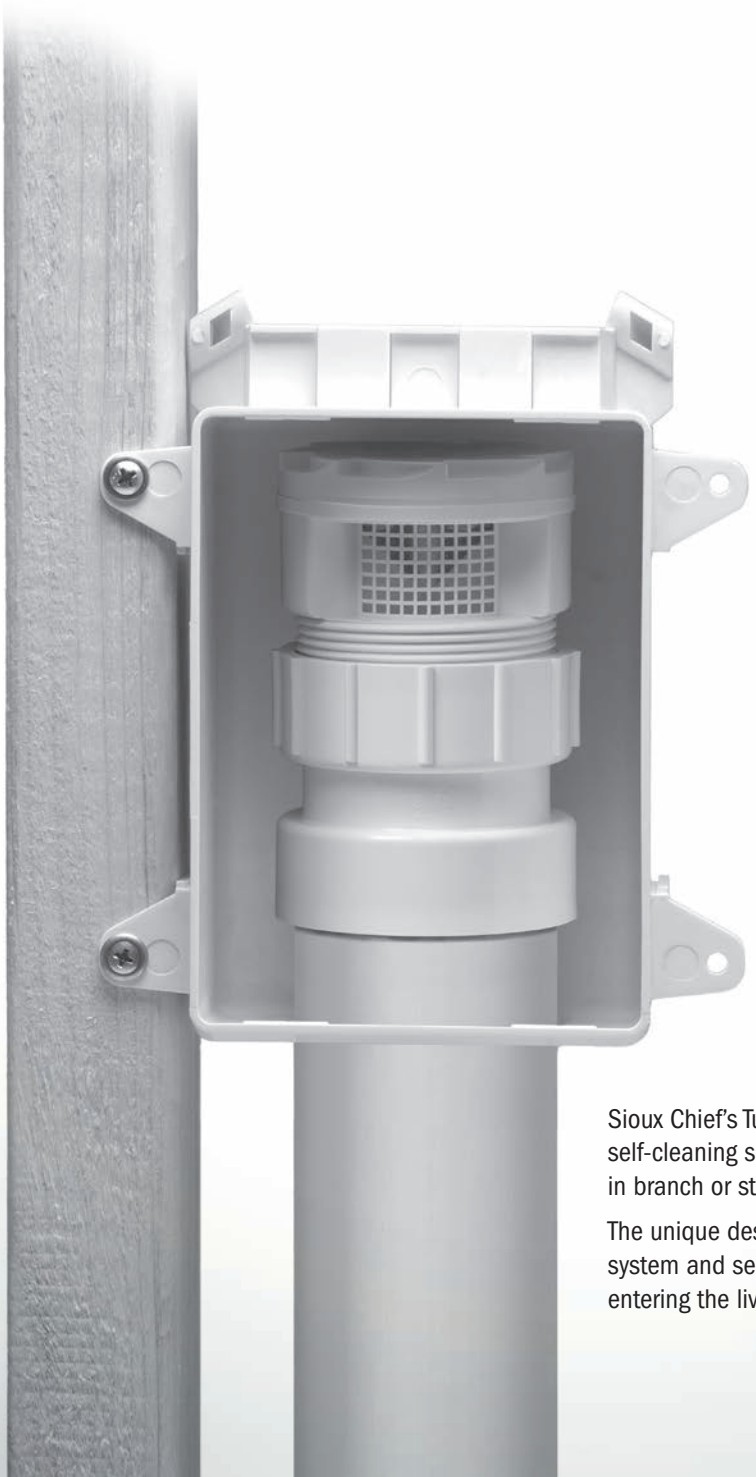
Inside-Pipe Compression Connection

· For vertical installations only

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
803-2PK2	2" Backup Float Valve, Bagged	CI	12	12
803-3PK2	3" Backup Float Valve, Bagged	CI	12	12
803-4PK2	4" Backup Float Valve, Bagged	CI	12	12

Air Admittance Valves

TurboVent™



Sioux Chief's TurboVent™ is designed for reliability with a self-cleaning seal and engineered for performance in branch or stack applications.

The unique design responds quickly to allow air into the DWV system and seals positively to prevent sewer gas from entering the living space.

MIP Thread Connection

Contractor Packs

- Install upright/vertically, in accessible locations only.
- Seal threads with PTFE tape - Do Not use pipe dope.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
250-11	TurboVent™ AAV Only - 1-1/2" MIP Adapter, 6/Bag	BI	1	4
250-12	TurboVent™ AAV Only - 2" MIP Adapter, 6/Bag	BI	1	4

250-11

PVC Sch. 40 Hub Connection

- Install upright/vertically, in accessible locations only.
- Seal threads with PTFE tape - Do Not use pipe dope.

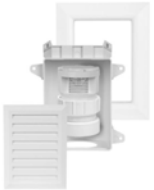
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	INDIVIDUALLY BOXED			
250-11P	TurboVent™ AAV w/ 1-1/2" Adapter	BI	6	6
250-122P	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter	BI	6	6
250-12P	TurboVent™ AAV w/ 2" Adapter	BI	1	6
	BULK PACK			
250-122PB	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter	BI	50	50
	CONTRACTOR PACKS			
250-11PC	TurboVent™ AAV w/ 1-1/2" Adapter, 6/Bag	BI	1	8
250-122PC	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter, 6/Bag	BI	8	8
250-12PC	TurboVent™ AAV w/ 2" Adapter, 6/Bag	BI	1	8
	TUBULAR CONNECTION KIT			
250-11TW	TurboVent™ AAV w/ 1-1/2" MIP Adapter & Tubular Waste Arm Extension	CI	1	6
	WITH OXBOX™ ACCESS BOX			
250-696122P	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter & OxBox™ Kit	BI	6	6
250-696R122P	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter & Fire Rated OxBox™ Kit	BI	1	6
696-11P	TurboVent™ AAV w/ 1-1/2" Hub Adapter & OxBox™ Kit	BI	6	6
696-12P	TurboVent™ AAV w/ 2" Hub Adapter & OxBox™ Kit	BI	6	6

250-11P

250-122PB

250-11PC

250-11TW



250-696122P

250-122AB

250-12AC

250-696122A

842-712P

ABS Sch. 40 Hub Connection

· Do not use pipe dope

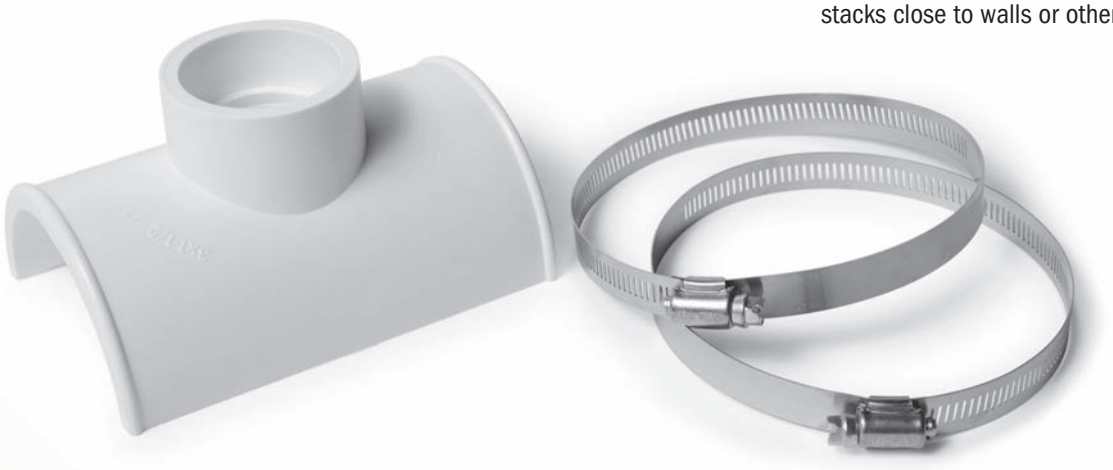
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	INDIVIDUALLY BOXED			
250-11A	TurboVent™ AAV w/ 1-1/2" Adapter	BI	1	6
250-12A	TurboVent™ AAV w/ 2" Adapter	BI	1	6
	BULK PACK			
250-122AB	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter	BI	50	50
	CONTRACTOR PACKS			
250-11AC	TurboVent™ AAV w/ 1-1/2" Adapter, 6/Bag	BI	1	8
250-122AC	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter, 6/Bag	BI	1	8
250-12AC	TurboVent™ AAV w/ 2" Adapter, 6/Bag	BI	1	8
	TUBULAR CONNECTION KIT			
250-11TB	TurboVent™ AAV w/ 1-1/2" MIP Adapter	CI	1	6
	WITH OXBOX™ ACCESS BOX			
250-696122A	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter	BI	6	6
250-696R122A	TurboVent™ AAV w/ 1-1/2" - 2" Dual Fit Adapter & Fire Rated OxBox™ Kit	BI	1	6
696-11A	TurboVent™ AAV w/ 1-1/2" Hub Adapter & OxBox™ Kit	BI	1	6
696-12A	TurboVent™ AAV w/ 2" Hub Adapter & OxBox™ Kit	BI	1	6

Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
696-1F	Single Frame For OxBox™	B	10	10
696-7	OxBox – Single Box w/ Hole For 2" Sch. 40 Pipe	B	10	10
696-LC	Louvered Frame Insert	B	10	10
842-712A	1-1/2" - 2" ABS Hub × 2" FIP Dual Fit Adapter	BI	10	10
842-712P	1-1/2" - 2" PVC Hub × 2" FIP Dual Fit Adapter	BI	10	10

Residential Accessories

The SmartSaddle™ allows a new DWV line to be retro-fit into an existing 3” or 4” stack. The low-profile design uses stainless steel bands, making it perfect for stacks close to walls or other obstructions



SmartSaddle™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
891-0312P	3” Sch. 40 Trunk, 1-1/2” Hub × 2” Spgt.	CI	5	5
891-033P	3” Sch. 40 Trunk, 3” Hub × 4" Inside Fit	CI	5	5
891-0412P	4” Sch. 40 Trunk, 1-1/2” Hub × 2” Spgt.	CI	5	5
891-043P	4” Sch. 40 Trunk, 3” Hub × 4" Inside Fit	CI	5	5
891-044P	4” Sch. 40 Trunk, 4” Hub	CI	5	5

891-0312P

Condensate Trap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
867-30PK	P-Trap, 8" Long × 2-1/2" Drop	CI	25	25
867-35PK	Running Trap, 10-3/4 Long × 2" Drop	CI	25	25

867-30PK

PVC Vent Cap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
869-V34	Fits Over 3" Or 4" DWV Pipe w/ Two Set Screws	CI	4	4

869-V34

Pipe Bore Adapter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
880	4" To 6" Rolling O-Ring Adapter	B	25	25

Sewer Relief Valve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
869-SRV3	3", Bagged	BI	10	10
869-SRV4	4", Bagged	BI	10	100

869-SRV4

Notes:

Testing

Test Devices

Gauges & Accessories

Testing

Test Devices

Test devices designed to seal the DWV system temporarily, for pressure tests, or permanently to provide occasional access to the system for maintenance. Mechanical, inflatable, and glue-on devices available.

Gauges & Accessories

A variety of pressure gauges are available for both testing or permanent installation. Test assemblies combine gauges with convenient fittings for easy connection.

Test Devices

TestTitan™

T-Cone™

RealTite™

TeePee™

GripTip™

HardHat™

Flexible Test Caps

Knockout Test Plugs

QuickPlug™

Shower Arm Test Plug

882-2P **Page 447**	**882-ST302** **Page 447**	**882-95** **Page 450**	**881-54** **Page 450**	**882-TT2** **Page 450**
882-ES34 **Page 450**	**880-81** **Page 451**	**881-10C** **Page 451**	**881-02H** **Page**	**880-01P** **Page 451**
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882-647 **Page 453**				

TestTitan™

Mechanical Test Plug

- Not intended for permanent use

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PIPE & CLEANOUT PLUGS			
882-1	1-1/2", for DWV Pipe/FIP Threads	CI	10	10
882-2	2", for DWV Pipe/FIP Threads	CI	10	10
882-3	3", for DWV Pipe/FIP Threads	CI	10	10
882-35	3-1/2", for FIP Threads	CI	10	10
882-4	4", for DWV Pipe/FIP Threads	CI	10	10
882-41	4", for FIP Threads	CI	10	10
	PNEUMATIC TEST PLUGS WITH AIR VALVE			
882-1P	1-1/2", for DWV Pipe/FIP Threads	B	10	10
882-2P	2", for DWV Pipe/FIP Threads	B	10	10
882-3P	3", for DWV Pipe/FIP Threads	B	10	10
882-4P	4", for DWV Pipe/FIP Threads	B	10	10

882-1

882-2P

T-Cone™

Mechanical Test Plug

- Not intended for permanent use

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PIPE PLUGS			
882-CS202	2" Flush-Head Pipe Plug, 2.067" Gasket O.D.	B	10	100
882-CS302	3" Flush-Head Pipe Plug, 3.068" Gasket O.D.	B	10	100
882-CS402	4" Flush-Head Pipe Plug, 4.026" Gasket O.D.	B	10	100
882-ST152	1-1/2" Raised-Head Pipe Plug, 1.61" Gasket O.D.	B	10	100
882-ST202	2" Raised-Head Pipe Plug, 2.067" Gasket O.D.	B	10	100
882-ST302	3" Raised-Head Pipe Plug, 3.068" Gasket O.D.	B	10	100
882-ST402	4" Raised-Head Pipe Plug, 4.026" Gasket O.D.	B	10	100
882-ST602	6" Raised-Head Pipe Plug, 6.065" Gasket O.D.	B	10	10
882-ST802	8" Raised-Head Pipe Plug, 7.981" Gasket O.D.	B	10	10
	SOCKET-FIT PLUGS			
882-ST300	3" Raised-Head Socket Plug, 3.50" Gasket O.D.	B	10	100
	CLEANOUT PLUGS			
882-EB152	1-1/2" Raised-Head Cleanout Plug, 1.78" Gasket O.D.	B	10	100
882-EB220	2" Raised-Head Cleanout Plug, 2.255" Gasket O.D.	B	10	100
882-EB320	3" Raised-Head Cleanout Plug, 3.378" Gasket O.D.	B	10	100
882-EB350	3-1/2" Raised-Head Cleanout Plug, 3.85" Gasket O.D.	B	10	100
882-EB420	4" Raised-Head Cleanout Plug, 4.336" Gasket O.D.	B	10	100

882-CS302

882-ST302

882-RTPCS40

882-RTPSS35

882-RTPTB25

882-RTPHH30

882-RTPFC25

RealTite™

Cleanout Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	HEX KEY OPERATION			
882-RTPCS15	Expansion Plug for 1-1/2" FIP Cleanout Threads	CI	10	10
882-RTPCS20	Expansion Plug for 2" Pipe or FIP Cleanout Threads	CI	10	10
882-RTPCS25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads	CI	10	10
882-RTPCS30	Expansion Plug for 3" FIP Cleanout Threads	CI	10	10
882-RTPCS35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads	CI	10	10
882-RTPCS40	Expansion Plug for 4" FIP Cleanout Threads	CI	10	10
	STAINLESS STEEL FACE - HEX KEY OPERATION			
882-RTPSS15	Expansion Plug for 1-1/2" FIP Cleanout Threads - Stainless Steel Plug Face	CI	10	10
882-RTPSS20	Expansion Plug for 2" Pipe or FIP Cleanout Threads - Stainless Steel Plug Face	CI	10	10
882-RTPSS25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads - Stainless Steel Plug Face	CI	10	10
882-RTPSS30	Expansion Plug for 3" FIP Cleanout Threads - Stainless Steel Plug Face	CI	10	10
882-RTPSS35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads - Stainless Steel Plug Face	CI	10	10
882-RTPSS40	Expansion Plug for 4" FIP Cleanout Threads - Stainless Steel Plug Face	CI	10	10
	THUMBSCREW OPERATION			
882-RTPTB15	Expansion Plug for 1-1/2" FIP Cleanout Threads	CI	10	10
882-RTPTB20	Expansion Plug for 2" Pipe or FIP Cleanout Threads	CI	10	10
882-RTPTB25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads	CI	10	10
882-RTPTB30	Expansion Plug for 3" FIP Cleanout Threads	CI	10	10
882-RTPTB35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads	CI	10	10
882-RTPTB40	Expansion Plug for 4" FIP Cleanout Threads	CI	10	10
	HEX DRIVER OPERATION			
882-RTPHH15	Expansion Plug for 1-1/2" FIP Cleanout Threads	CI	10	10
882-RTPHH20	Expansion Plug for 2" Pipe or FIP Cleanout Threads	CI	10	10
882-RTPHH25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads	CI	10	10
882-RTPHH30	Expansion Plug for 3" FIP Cleanout Threads	CI	10	10
882-RTPHH35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads	CI	10	10
882-RTPHH40	Expansion Plug for 4" FIP Cleanout Threads	CI	10	10
	FLUSH STAINLESS STEEL COVER - HEX KEY OPERATION			
882-RTPFC15	Expansion Plug for 1-1/2" FIP Cleanout Threads with 4" Dia. Flush Stainless Steel Wall Cover	CI	10	10
882-RTPFC20	Expansion Plug for 2" Pipe or FIP Cleanout Threads with 4" Dia. Flush Stainless Steel Wall Cover	CI	10	10
882-RTPFC25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads with 4" Dia. Flush Stainless Steel Wall Cover	CI	10	10
882-RTPFC30	Expansion Plug for 3" FIP Cleanout Threads with 5" Dia. Flush Stainless Steel Wall Cover	CI	10	10
882-RTPFC35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads with 6" Dia. Flush Stainless Steel Wall Cover	CI	10	10
882-RTPFC40	Expansion Plug for 4" FIP Cleanout Threads with 6" Dia. Flush Stainless Steel Wall Cover	CI	10	10

RealTite™ (Cont)

Cleanout Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EXTENDED STAINLESS STEEL COVER - HEX KEY OPERATION			
882-RTPCX15	Expansion Plug for 1-1/2" FIP Cleanout Threads with 4" Dia. Extended Stainless Steel Wall Cover	CI	10	10
882-RTPCX20	Expansion Plug for 2" Pipe or FIP Cleanout Threads with 4" Dia. Extended Stainless Steel Wall Cover	CI	10	10
882-RTPCX25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads with 4" Dia. Extended Stainless Steel Wall Cover	CI	10	10
882-RTPCX30	Expansion Plug for 3" FIP Cleanout Threads with 5" Dia. Extended Stainless Steel Wall Cover	CI	10	10
882-RTPCX35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads with 6" Dia. Extended Stainless Steel Wall Cover	CI	10	10
882-RTPCX40	Expansion Plug for 4" FIP Cleanout Threads with 6" Dia. Extended Stainless Steel Wall Cover	CI	10	10
	EXTENDED HEX STUD - HEX DRIVER OPERATION			
882-RTPHX15	Expansion Plug for 1-1/2" FIP Cleanout Threads with 1/4-20 Tapped Extended Hex Stud	CI	10	10
882-RTPHX20	Expansion Plug for 2" Pipe or FIP Cleanout Threads with 1/4-20 Tapped Extended Hex Stud	CI	10	10
882-RTPHX25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads with 1/4-20 Tapped Extended Hex Stud	CI	10	10
882-RTPHX30	Expansion Plug for 3" FIP Cleanout Threads with 1/4-20 Tapped Extended Hex Stud	CI	10	10
882-RTPHX35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads with 1/4-20 Tapped Extended Hex Stud	CI	10	10
882-RTPHX40	Expansion Plug for 4" FIP Cleanout Threads with 1/4-20 Tapped Extended Hex Stud	CI	10	10
	DRAIN LINE SECURITY PIN - HEX KEY OPERATION			
882-RTPSP25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads with Drain Line Security Pin	CI	10	10
882-RTPSP30	Expansion Plug for 3" FIP Cleanout Threads with Drain Line Security Pin	CI	10	10
882-RTPSP35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads with Drain Line Security Pin	CI	10	10
882-RTPSP40	Expansion Plug for 4" FIP Cleanout Threads with Drain Line Security Pin	CI	10	10
	DRAIN LINE SECURITY HOOK - HEX KEY OPERATION			
882-RTPSH25	Expansion Plug for 3" Pipe or 2-1/2" FIP Cleanout Threads with Drain Line Security Hook	CI	10	10
882-RTPSH30	Expansion Plug for 3" FIP Cleanout Threads with Drain Line Security Hook	CI	10	10
882-RTPSH35	Expansion Plug for 4" Pipe or 3-1/2" FIP Cleanout Threads with Drain Line Security Hook	CI	10	10
882-RTPSH40	Expansion Plug for 4" FIP Cleanout Threads with Drain Line Security Hook	CI	10	10
	ACCESSORIES			
882-HEXKEY1	5/32" Hex key - T-handle	BI	1	50
882-RTEX35	3-1/2" Expansion gasket - fits over 3" plugs	CI	10	10
882-RTEX40	4" Expansion gasket - fits over 3-1/2" plugs	CI	10	10

882-RTPHX25

882-RTPSP30

882-RTPSH40

882-HEXKEY1

882-96

HandTite™

Mechanical Test Plug

- Not intended for permanent use

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
882-95	5" Test Plug	B	1	30
882-96	6" Test Plug	B	1	30
882-98	8" Test Plug	B	1	12

881-54

TeePee™

Mechanical Test Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CLEANOUT TEE TEST TOOL			
881-52	2" Mechanical Test Tool	B	1	6
881-53	3" Mechanical Test Tool	B	1	6
881-54	4" Mechanical Test Tool	B	1	1
881-56	6" Mechanical Test Tool	B	1	4
881-510	10" Mechanical Test Tool	B	1	1
	REPLACEMENT SEAL			
881-01-4	4" Plug Replacement Seal	BI	5	5

882-TT2

Inflatable Cleanout Tee Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
882-TT2	2" Inflatable Plug	BI	1	48
882-TT3	3" Inflatable Plug	BI	1	18
882-TT4	4" Inflatable Plug	BI	1	8

882-ES34

882-EL34

Inflatable Test Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINGLE-STAGE PLUG			
882-ES123	Test Plug 1.25"-3" w/ 3' Strap	BI	1	1
882-ES34	Test Plug 3"-4" (Waffle Body) w/ 3' Strap	BI	1	1
882-ES46	Test Plug 4"-6" w/ 3' Strap	BI	1	1
	DUAL-STAGE PLUG			
882-EL23	Test Plug 2"-3" Long w/ 4' Air/Water Hose w/ 4' Strap	BI	1	1
882-EL34	Test Plug 3"-4" Long w/ 4' Air/Water Hose w/ 4' Strap	BI	1	1
882-EL46	Test Plug 4"-6" Long w/ 4' Air/Water Hose w/ 4' Strap	BI	1	1

GripTip™

- Not intended for permanent use

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	OVER-PIPE TEST CAPS			
880-81	1-1/2" Test Cap, White	B	25	200
880-81C	1-1/2" Test Cap, Magenta	B	25	200
880-81PK	1-1/2" Test Cap, White	CI	50	50
880-82	2" Test Cap, White	B	25	100
880-82C	2" Test Cap, Magenta	B	25	100
880-82PK	2" Test Cap, White	CI	50	50
880-83	3" Test Cap, White	B	10	50
880-83C	3" Test Cap, Magenta	B	10	50
880-83PK	3" Test Cap, White	CI	25	25
880-84	4" Test Cap, White	B	10	50
880-84C	4" Test Cap, Magenta	B	10	50
880-84PK	4" Test Cap, White	CI	25	25
	INSIDE-PIPE TEST PLUGS			
881-10	1-1/2" Test Plug, White	B	25	200
881-10C	1-1/2" Test Plug, Magenta	B	25	200
881-12	2" Test Plug, White	B	25	100
881-12C	2" Test Plug, Magenta	B	25	100
881-13	3" Test Plug, White	B	10	50
881-13C	3" Test Plug, Magenta	B	10	50
881-14	4" Test Plug, White	B	10	50
881-14C	4" Test Plug, Magenta	B	10	50
	TUBULAR TEST NUT			
230-9506GT	PVC 1-1/2 Hub Trap Adapter w/ GripTip Test Nut	B	25	25
988-6GT	1-1/2" Trap Adapter Nut w/ GripTip	B	25	25
	ACCESSORIES			
881-02A	Air Test Fitting 15 PSI Gauge 5/8" O.D. Comp × Air Filler Valve	B	1	10
881-02FP	Replacement 5/8" Poly Ferrule	B	100	1000

880-81

881-10C

881-02A

881-02H

HardHat™

- Not intended for permanent use

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PVC TEST CAPS			
880-01P	1-1/2" Sch. 40 Pipe	B	50	500
880-02P	2" Sch. 40 Pipe	B	25	500
880-03P	3" Sch. 40 Pipe	B	20	200
880-04P	4" Sch. 40 Pipe	B	25	100
	ABS TEST CAPS			
880-01A	1-1/2" Sch. 40 Pipe	B	50	500
880-02A	2" Sch. 40 Pipe	B	25	500
880-03A	3" Sch. 40 Pipe	B	20	200
880-04A	4" Sch. 40 Pipe	B	25	100

880-02A

880-1

Flexible PVC Test Caps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
880-1	1-1/2"	B	25	25
880-2	2"	B	25	25
880-3	3"	B	25	25
880-4	4"	B	25	25

881-3

Knockout Test Plugs

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
881-1	1-1/2" Plug	B	100	1000
881-2	2" Plug	B	100	1000
881-3	3" Plug	B	50	500
881-4	4" Plug	B	50	500

880-012

Dual-Fit Test Caps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
880-012	1-1/2" And 2" Sch. 40 Cap	B	100	500
880-034	3" And 4" Sch. 40 Cap	B	50	250

234-QP2

QuickPlug™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
234-QP	1-1/2" Trap Adapter Test Plug	B	25	100
234-QP2	1-1/4" Trap Adapter Test Plug	B	25	100

988-6GT

GripTip™

Trap Adapter Test Nut

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
988-6GT	1-1/2" Trap Adapter Nut w/ GripTip	B	25	25

Shower Arm Test Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
882-647	1/2" MIP Reuseable Test Plug	BI	24	120

882-647

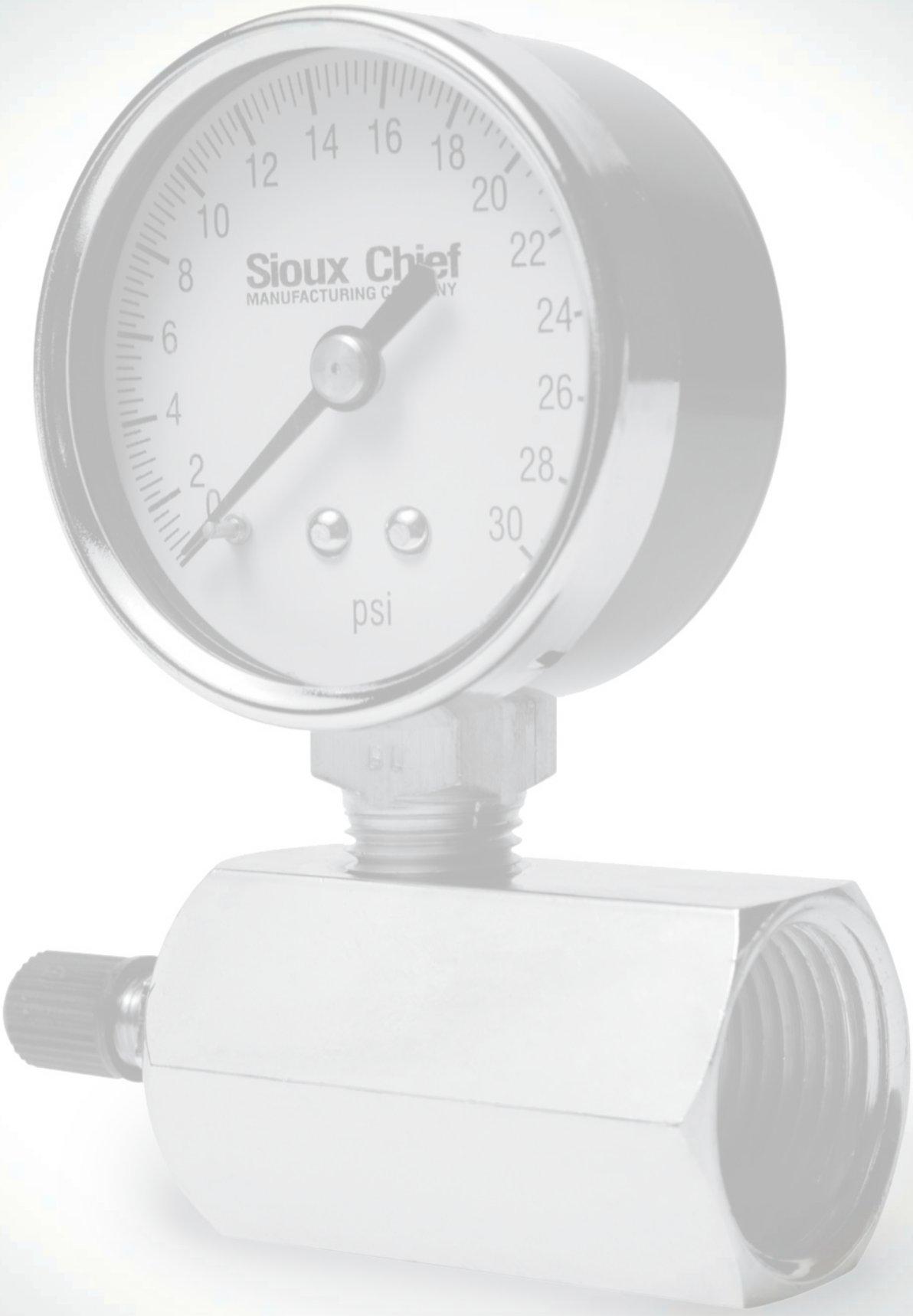
Notes:

Gauges & Accessories

Test Gauge Assemblies

Test Gauges

Hand Pump


Sioux Chief
MANUFACTURING
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Test Gauge Assemblies

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FIP X AIR VALVE			
355-05PK2	Air Valve Fitting Only, 3/4" FIP, Clamshelll	Cl	1	10
355-15PK1	0–15 Lb. Gas Test Fitting, 3/4" FIP, Clamshell	Cl	1	10
355-30PK1	0–30 Lb. Gas Test Fitting, 3/4" FIP, Clamshell	Cl	1	10
355-60PK1	0–60 Lb. Gas Test Fitting, 3/4" FIP, Clamshell	Cl	1	10
355-100PK1	0–100 Lb. Gas Test Fitting, 3/4" FIP, Clamshell	Cl	1	10
	COMPRESSION X AIR VALVE			
881-02A	Air Test Fitting 15 PSI Gauge 5/8" O.D. Comp × Air Filler Valve	B	1	10
882-110	Air Test Fitting 100 PSI Gauge 5/8" O.D. Comp × Air Filler Valve	B	1	6
	HOSE THREAD CONNECTION			
360-300PK1	300 PSI Water Test Gauge - FHT Swivel with Drag-Point Indicator	B	1	10
882-105	Air/Water Test Fitting 300 PSI Gauge, Female Swivel Hose Connections	B	1	6

355-15PK1

881-02A

882-105

Test Gauges

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
356-100PK1	0–100 PSI Pressure Gauge 1 Lb. Grad, Clamshell	Cl	1	10
356-300PK1	0–300 PSI Pressure Gauge 10 Lb. Grad, Clamshell	Cl	1	10
356-30PK1	0–30 PSI Pressure Gauge 1/2 Lb. Grad, Clamshell	Cl	1	10
356-60PK1	0–60 PSI Pressure Gauge 1 Lb. Grad, Clamshell	Cl	1	10
360-15PK1	0-15 PSI Pressure Gauge 1/2 Lb. Grad, Clamshell	Cl	1	10

356-100PK1

Hand Pump

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
882-EHPG	High-Pressure Hand Pump w/ Pressure Gauge	Bl	1	1

882-EHPG

Notes:

Support

Supply Hangers

DWV Hangers

Brackets

Making it in America

Supply Hangers

Plastic CTS

Metal CTS/IPS

Anchors & Fasteners

Supply Hangers

Plastic CTS

Durable, engineered plastic clamps for CTS tubing. Unique and innovative designs, made from corrosion and impact resistant polymers to ensure long-lasting performance. All Plastic CTS hangers are 100% compatible with PEX, copper and CPVC.

Metal CTS/IPS

Metal tubing hangers offer the strength, durability and heat-resistance of steel when required for specific applications. Copper and zinc plating protect against corrosion.

Anchors & Fasteners

Anchors, screws, bands, and other hardware for use with supply hangers.

Plastic CTS

PickUp™ Talon, TubeTalon™, TwinTalon™

SiouxStrap™, PadLock™, Totem™, EZ Tube Clamp

EZ Suspension, EZ Glide Tube Insulator

Suspensulator™, PipeEye™, BiFolator,™

MainBlock™, TouchDown™

TD+™, HangsTuff Jr.™

Single Hole
Tube Strap

556-2

556-2BKT

556-2C

555-2

555-2BKT

PickUp Talon™

Isolating Drive Hook

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BLACK			
556-1	3/8" CTS w/ Nail	B	100	1000
556-2	1/2" CTS w/ Nail	B	100	1000
556-2BKT	1/2" CTS w/ Nail, 1800/bucket	B	1	1
556-2PK2	1/2" CTS w/ Nail, 10/Bag	CI	10	10
556-2PK3	1/2" CTS w/ Nail, (Contr Pack), 100/Bag	CI	1	10
556-2S	1/2" CTS w/ Screw	B	300	300
556-3	3/4" CTS w/ Nail	B	100	1000
556-3BKT	3/4" CTS w/ Nail, 1000/bucket	B	1	1
556-3PK2	3/4" CTS w/ Nail, 10/Bag	CI	10	10
556-3PK3	3/4" CTS w/ Nail, (Contr Pack), 100/Bag	CI	1	10
556-3S	3/4" CTS w/ Screw	B	300	300
556-4	1" CTS w/ Nail	B	50	500
556-4BKT	1" CTS w/ Nail, 500/bucket	B	1	1
556-4PK2	1" CTS w/ Nail, 10/Bag	CI	10	10
556-4PK3	1" CTS w/ Nail, (Contr Pack), 50/Bag	CI	1	10
556-5	1-1/4" CTS w/ Nail	B	250	250
556-5S	1-1/4" CTS w/ Screw	B	25	100
	IVORY			
556-4C	1" CTS w/ Nail	B	50	500

TubeTalon™

Drive Hook

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
555-2	1/2" CTS w/ Nail	B	100	1000
555-2BKT	1/2" CTS w/ Nail, 2200/bucket	B	1	1
555-3	3/4" CTS w/ Nail	B	100	1000
555-3BKT	3/4" CTS w/ Nail, 1,100/bucket	B	1	1
555-4	1" CTS w/ Nail	B	50	500
555-4BKT	1" CTS w/ Nail, 600/bucket	B	1	1

TwinTalon™

Double-Duty Drive Hook

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
555-23	1/2" – 3/4" CTS w/ Nail	B	100	1000
555-23BKT	1/2"-3/4" CTS w/ Nail, 950/bucket	B	1	1
555-23PK2	1/2" – 3/4" CTS w/ Nail, 10/Bag	CI	10	10
555-23PK3	1/2" – 3/4" CTS w/ Nail, (Contr Pack), 100/Bag	BI	1	10
555-23S	1/2" – 3/4" CTS w/ Screw	B	300	300
555-623	1/2" – 3/4" CTS w/ Short 1-5/8" Nail	B	100	1000
555-623PK2	1/2" – 3/4" CTS w/ Short 1-5/8" Nail, 10/Bag	CI	10	10

555-23

555-23BKT

SiouxStrap™

Full Clamp Tube Hanger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BLACK			
551-2	1/2" CTS w/ Nail	B	100	1000
551-2BKT	1/2" CTS w/ Nail, 1200/bucket	B	1	1
551-2PK2	1/2" CTS w/ Nail, 10/Bag	CI	20	20
551-3	3/4" CTS w/ Nail	B	50	500
551-3BKT	3/4" CTS w/ Nail, 700/bucket	B	1	1
551-3PK2	3/4" CTS w/ Nail, 10/Bag	CI	20	20
551-4	1" CTS w/ Nail	B	25	250
551-4BKT	1" CTS w/ Nail, 400/bucket	B	1	1
551-4PK2	1" CTS w/ Nail, 10/Bag	CI	20	20
	IVORY			
551-2C	1/2" CTS w/ Nail	B	100	1000
551-3C	3/4" CTS w/ Nail	B	50	500
551-4C	1" CTS w/ Nail	B	25	250

551-2

551-3BKT

551-2C

551-P2

551-P3Q

552-A2

552-B23

552-C22

PadLock™

Full Clamp Tube Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
551-P2	1/2" CTS w/ Nail	B	100	1000
551-P2PK3	1/2" CTS w/ Nail, (Contr Pack), 100/Bag	CI	1	10
551-P2S	1/2" CTS w/ Screw	B	300	300
551-P3	3/4" CTS w/ Nail	B	50	500
551-P3PK3	3/4" CTS w/ Nail, (Contr Pack), 50/Bag	CI	1	10
551-P3S	3/4" CTS w/ Screw	B	300	300
	ACOUSTICAL			
551-P2Q	1/2" CTS PipeDown™ Padlock™ w/ Drill Tip Screw	B	100	100
551-P3Q	3/4" CTS PipeDown™ Padlock™ w/ Drill Tip Screw	B	100	100
551-P4Q	1" CTS PipeDown™ Padlock™ w/ Drill Tip Screw	B	25	25
551-P5Q	1-1/4" CTS PipeDown™ Padlock™ w/ Drill Tip Screw, Contr Pack	B	25	25

Totem™

Offset CTS Hanger

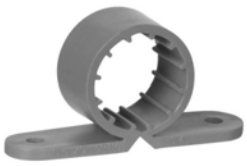
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINGLE			
552-A2	1/2" CTS w/ Nail	B	50	50
552-A3	3/4" CTS w/ Nail	B	50	50
	TWIN			
552-B22	1/2" × 1/2" CTS w/ Nail	B	50	50
552-B23	1/2" × 3/4" CTS w/ Nail	B	50	50
552-B33	3/4" × 3/4" CTS w/ Nail	B	50	50
	STACKED			
552-C22	1/2" × 1/2" CTS w/ Nail	B	50	50
552-C23	1/2" × 3/4" CTS w/ Nail	B	50	50
552-C33	3/4" × 3/4" CTS w/ Nail	B	50	50

EZ Glide™ Tube Clamp

Tube Clamp

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
559-2	1/2" CTS	B	100	1000
559-2PK2	1/2" CTS, 5/Bag	CI	10	10
559-3	3/4" CTS	B	50	1000
559-3PK2	3/4" CTS, 5/Bag	CI	10	10
559-4	1" CTS	B	50	500
559-4PK2	1" CTS, 5/Bag	CI	10	10
559-5	1-1/4" CTS	B	25	250
559-6	1-1/2" CTS	B	25	250
559-7	2" CTS	B	25	250
	PLENUM-RATED			
559F2	E84 1/2" CTS	B	100	1000
559F3	E84 3/4" CTS	B	50	500
559F4	E84 1" CTS	B	50	500
559F5	E84 1-1/4" CTS	B	10	10
559F6	E84 1-1/2" CTS	B	10	10
559F7	E84 2" CTS	B	10	10

559-2



559F3

EZ Glide™ Suspension Clamp

Suspension Clamp

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
557-2	1/2" CTS	B	100	1000
557-3	3/4" CTS	B	100	1000
557-4	1" CTS	B	50	500
557-5	1-1/4" CTS	B	25	250
557-6	1-1/2" CTS	B	25	250
557-6PK2	1-1/2" CTS, 5/Bag	CI	10	10
557-7	2" CTS	B	25	250
	ACOUSTICAL			
557-2Q	PipeDown™ 1/2" CTS Thru-Stud/Suspension Clamp, Contr Pack	B	50	50
557-3Q	PipeDown™ 3/4" CTS Thru-Stud/Suspension Clamp, Contr Pack	B	50	50
557-4Q	PipeDown™ 1" CTS Thru-Stud/Suspension Clamp, Contr Pack	B	25	25
557-5Q	PipeDown™ 1-1/4" CTS Thru-Stud/Suspension Clamp, Contr Pack	B	25	25
	PLENUM-RATED			
557F2	E84 1/2" CTS	B	100	1000
557F3	E84 3/4" CTS	B	50	500
557F4	E84 1" CTS	B	50	500
557F5	E84 1-1/4" CTS	B	10	10
557F6	E84 1-1/2" CTS	B	10	10
557F7	E84 2" CTS	B	10	10

557-2

C557F2

558-2

EZ Glide™ Tube Insulator

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
558-2	1/2" CTS	B	50	500
558-2PK2	1/2" CTS, 5/Bag	CI	10	10
558-3	3/4" CTS	B	50	500
558-3PK2	3/4" CTS, 5/Bag	CI	10	10
558-4	1" CTS	B	25	250

558-E3

Suspensulator™

Tube Suspension Clamp & Insulator

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
558-E2	1/2" CTS	B	50	500
558-E2PK2	1/2" CTS, 5/Bag	CI	10	10
558-E3	3/4" CTS	B	50	500
558-E3PK2	3/4" CTS, 5/Bag	CI	10	10
558-E4	1" CTS	B	25	250
558-E4PK2	1" CTS, 5/Bag	CI	10	10

558-M23

558-M23R

PipeEye™

Metal Stud Insulator

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
558-M23	1/2" – 3/4" CTS Black	B	100	1000
558-M23H	1/2" – 3/4" CTS Red, Contr Pack	B	100	1000
558-M23PK2	1/2" – 3/4" CTS Black, Contr Pack, 5/Bag	CI	10	10
558-M4	1" CTS, Black	B	25	250
558-M4H	1" CTS, Red	B	50	1000
	FLAME RETARDANT & GLUEABLE			
558-M23R	1/2" – 3/4" CTS White	B	100	1000
558-M4R	1" CTS White	B	25	250

558-23

BiFolator™

Reversible Tube Insulator

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
558-23B	1/2" & 3/4" CTS, Rigid HDPE (Black)	B	100	1000

MainBlock™

1-1/2" Offset CTS Pipe Clamp

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
525-33	3/4" CTS w/ Screws, 1/Bag	B	25	25
525-34	1" CTS w/ Screws, 1/Bag	B	25	25
525-35	1-1/4" CTS w/ Screws, 1/Bag	B	25	25

525-33

TouchDown™

Universal Pipe Clamp

- For 1/4" – 1" CTS and 1/8" - 1" Sch. 40 pipe

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
550-11	1 Bridge, 1 Base, 1 Screw/Bag	B	100	100
550-11PK2	5 Bridges, 5 Bases, 5 Screws/Bag	CI	1	10
550-12	Contractor Pack: 100 Bridges, 100 Bases, 100 Screws (Bulk)	B	1	1
	BEAM CLAMP			
550-11E	1 Bridge, 1 Base w/ Attached Beam Clamp/Bag	BI	100	100
	ACOUSTICAL CLAMP			
550-11Q	PipeDown™ 1 Bridge, 1 Base, 1 Screw, 2 Inserts/Bag	B	100	100
	PLENUM-RATED			
550F11	E84 1 Bridge, 1 Base, 1 Screw/Bag	BI	25	100

550-11

550-11E

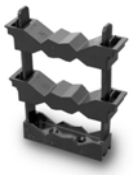
550F11

TD+™

Large Universal Pipe Clamp

Related Products
TD+™ Commercial Overhead Hangers p 518

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
550-2111	TD+ Clamp Base, Bridge And Screws, 1/Bag	BI	50	50
550-2111PK3	50 Bases, 50 Bridges, 100 Screws (Contr Pack) Bulk	B	1	1
550-2112	TD+ Clamp Base, 2 Bridges And Screws	BI	5	25



550-2112

553-22W

HangsTuff Jr.™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
553-22W	XX 1/2" × 1/2" CTS	B	50	150
553-23W	XX 1/2" × 3/4" CTS	B	50	150
553-2W	1/2" CTS	CI	50	50
553-3W	3/4" CTS	CI	50	50
553-4W	1" CTS	CI	50	50
553-5W	1-1/4" CTS	CI	50	50

550-02

Single Hole Tube Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
550-02	1/2" CTS, 100/Bag	BI	1	10

Metal CTS/IPS

Two-Hole Tube Straps

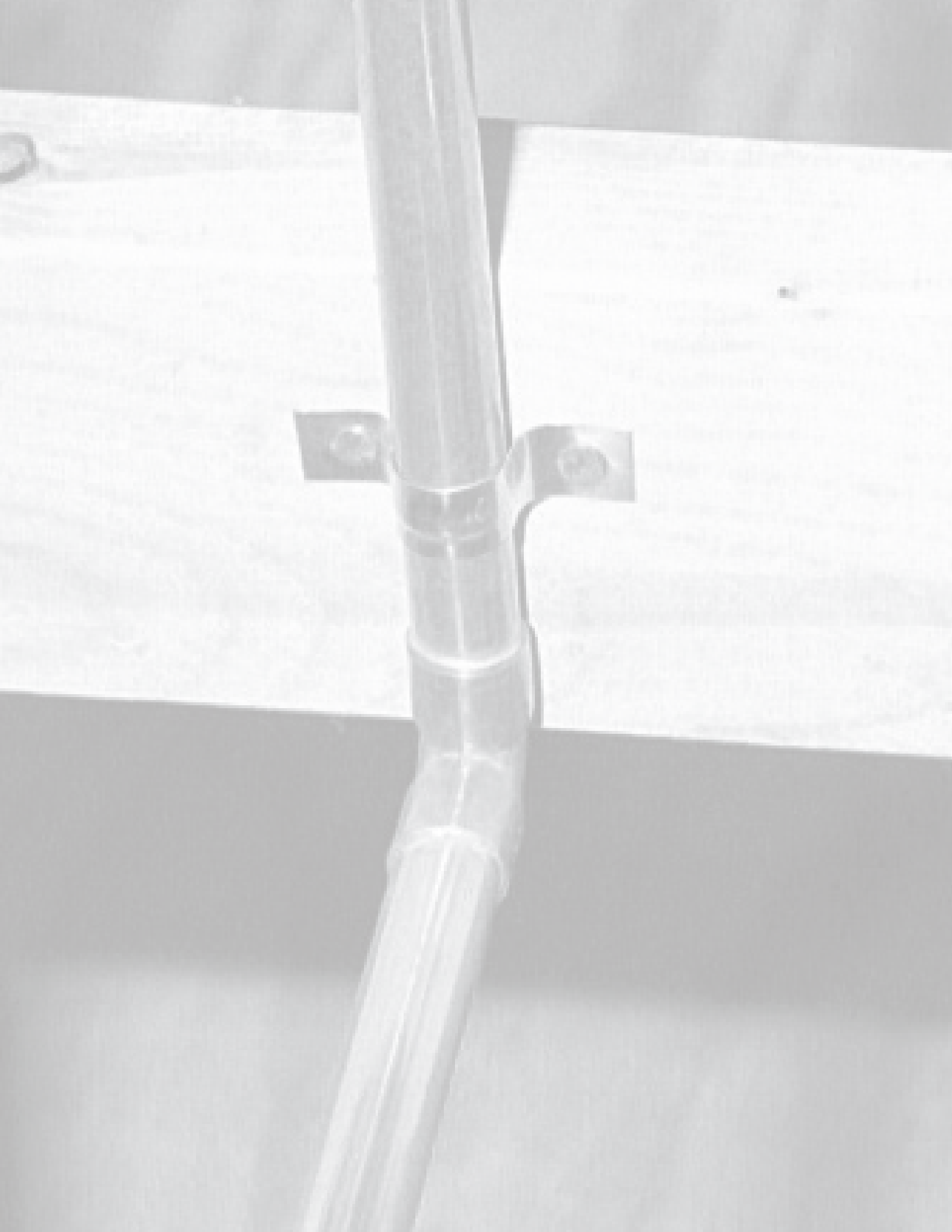
Vinyl-Coated Clamps

Drive Hooks

Wire Pipe Hooks

Milford/Natick Hangers

Bell Hangers



2-Hole Tube Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER-PLATED			
501-0	1/4" CTS w/ Nails	B	500	500
501-1	3/8" CTS w/ Nails	B	500	500
501-2	1/2" CTS w/ Nails	B	500	500
501-2PK	1/2" CTS	CI	100	100
501-2PK2	1/2" CTS, 10/Bag	CI	10	10
501-2PK3	1/2" CTS, (Contr Pack), 100/Bag	BI	1	10
501-3	3/4" CTS w/ Nails	B	500	500
501-3PK	3/4" CTS	CI	100	100
501-3PK2	3/4" CTS, 10/Bag	CI	10	10
501-3PK3	3/4" CTS, (Contr Pack), 100/Bag	BI	1	10
501-4	1" CTS w/ Nails	B	100	100
501-4PK	1" CTS	CI	100	100
501-5	1-1/4" CTS w/ Nails	B	100	100
501-5PK	1-1/4" CTS	CI	100	100
501-6	1-1/2" CTS w/ Nails	B	100	100
501-6PK	1-1/2" CTS	CI	100	100
501-7	2" CTS w/ Nails	B	100	100
	GALVANIZED			
502-1	3/8" IPS	B	100	100
502-2	1/2" IPS	B	100	100
502-3	3/4" IPS	B	100	100
502-4	1" IPS	B	100	100
502-5	1-1/4" IPS	B	50	50
502-6	1-1/2" IPS	B	50	50
502-7	2" IPS	B	50	50
502-75	2-1/2" IPS	B	25	25
502-8	3" IPS	B	25	25
502-8PK	3" IPS	CI	15	15
502-9	4" IPS	B	25	25
502-9PK	4" IPS	CI	10	10

501-2

502-2

Vinyl-coated Steel Clamp with Screw

- Not for use with CPVC pipe or fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
523-31	3/8" Nominal w/ Screw	B	100	1000
523-32	1/2" Nominal w/ Screw	B	100	1000
523-33	3/4" Nominal w/ Screw	B	50	500
523-34	1" Nominal w/ Screw	B	50	500

523-32

506-34

506-36C

506-34P

Wire Pipe Hook

· Vinyl-coated models are not for use with CPVC pipe or fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PLAIN STEEL			
506-26	1/2" IPS × 6"	B	50	500
506-26PK2	1/2" IPS × 6" 5/Pack	CI	5	5
506-34	3/4" IPS × 4"	B	50	500
506-36	3/4" IPS × 6"	B	50	500
506-36PK2	3/4" IPS × 6" 5/Pack	CI	5	5
506-46	1" IPS × 6"	B	50	500
506-56	1-1/4" IPS × 6"	B	50	500
	COPPER-PLATED STEEL			
506-26C	1/2" IPS × 6"	B	50	500
506-26CPK2	1/2" IPS × 6" 5/Pack	CI	5	5
506-36C	3/4" IPS × 6"	B	50	500
506-36CPK2	3/4" IPS × 6" 5/Pack	CI	5	5
506-46C	1" IPS × 6"	B	50	500
506-46CPK2	1" IPS × 6" 5/Pack	CI	5	5
	VINYL-COATED STEEL			
506-26P	1/2" IPS × 6"	B	50	500
506-34P	3/4" IPS × 4"	B	50	500
506-36P	3/4" IPS × 6"	B	50	500
506-38P	3/4" IPS × 8"	B	50	500
506-46P	1" IPS × 6"	B	50	500

512-36PK

Milford Hanger

Epoxy-Coated Steel

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
512-26PK	1/2" CTS × 6"	BI	50	50
512-36PK	3/4" CTS × 6"	BI	50	50
512-46PK	1" CTS × 6"	BI	50	50

513-26PK

Natick Hanger

Epoxy-Coated Steel

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
513-26PK	1/2" CTS × 6"	BI	25	25
513-36PK	3/4" CTS × 6"	BI	25	25

CTS Bell Hanger

Copper-Plated Steel

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
508-2B	1/2" CTS, Bulk	B	25	25
508-2PK	1/2" CTS, 1/Bag	CI	25	25
508-3B	3/4" CTS, Bulk	B	25	25
508-3PK	3/4" CTS, 1/Bag	CI	25	25
508-4B	1" CTS, Bulk	B	25	25
508-4PK	1" CTS, 1/Bag	CI	25	25

508-2B

Notes:

Anchors & Fasteners

Anchors, Screws & Fasteners

Thread Rod Anchors

Stainless Steel Bands

Anchors, Screws and Fasteners

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ANCHORS			
590-10	Kit: 100 #10×1"X 5/16" Hex/Phillips Screws, 100 Plastic Anchors And One 1/4" Carbide Bit	BI	10	10
	SCREWS			
591-06B	#6 × 1" Yellow Zinc-Plated, Coarse-Thread Wood Screw, 100/Bag	BI	10	10
591-081	#8 × 1" Zinc-Plated Drill-Tip Phillips Screw, 100/Bag	B	10	10

590-10

591-06B

Sioux Chief Sammys - Thread Rod Anchors

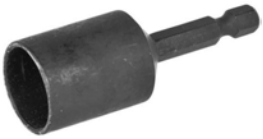
Accepts 3/8" Thread Rod

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WOOD APPLICATIONS			
590-4411	1/4" × 2" Screw, Vertical, 25/Box	BI	1	5
590-4411-3	1/4" × 3" Screw, Vertical, 25/Box	BI	1	5
590-4421	1/4" × 2" Screw, Horizontal, 25/Box	BI	1	5
	CONCRETE APPLICATIONS			
590-4412	1/4" × 1-3/4" Screw, Vertical, 25/Box	BI	1	5
	STEEL BEAM APPLICATIONS			
590-4413	1/4" × 2" Screw, Vertical, 25/Box	BI	1	5
590-4423	1/4" × 1-1/4" Screw, Horizontal, w/ Nut, 25/Box	BI	1	5
	INSTALLATION TOOLS			
590-44ND1	Nut Driver #14 For Vertical Anchors (Black), 1/Bag	BI	1	12
590-44ND2	Nut Driver #14SW For Horizontal Anchors (Red), 1/Bag	BI	1	12

590-4411

590-4412

590-4413



590-44ND1

574-72

Stainless Steel Bands

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
574-710	13" Diameter Standard Stainless Steel Band	B	25	250
574-713	13" Diameter Snap-Lock Stainless Steel Band	B	25	150
574-73	3" Diameter Standard Stainless Steel Band	B	25	500
574-74	4" Diameter Snap-Lock Stainless Steel Band	B	25	500
574-75	5" Diameter Standard Stainless Steel Band	B	25	100
574-77	7" Diameter Snap-Lock Stainless Steel Band	B	25	100

DWV Hangers

Extension Hangers

Hanger Straps

Ground Stakes

DWV Hangers

Extension Hangers

Strong, rigid extension hangers for DWV pipe. Made from corrosion and impact resistant polymers, or coated steel, hangers are designed to make properly supporting DWV lines faster and easier. Select items designed in accordance with IAPMO PS 95-2018e3 Standard for Pipe Support Hangers and Hooks.

Hanger Straps

Hanger strap is available in plastic and metal, as well as our innovative ApeTape™ woven poly fabric strap. ApeTape™ is strong, highly flexible, and corrosion proof. Available in 10, 25, 50 or 100-ft rolls for any job size. Select items designed in accordance with IAPMO PS 95-2018e3 Standard for Pipe Support Hangers and Hooks.

Ground Stakes

Ground stakes to prevent on-grade DWV pipes from moving, shifting or floating during concrete pours. Available with a plastic head, or an all-steel version.

Extension Hangers

HangsTuff™

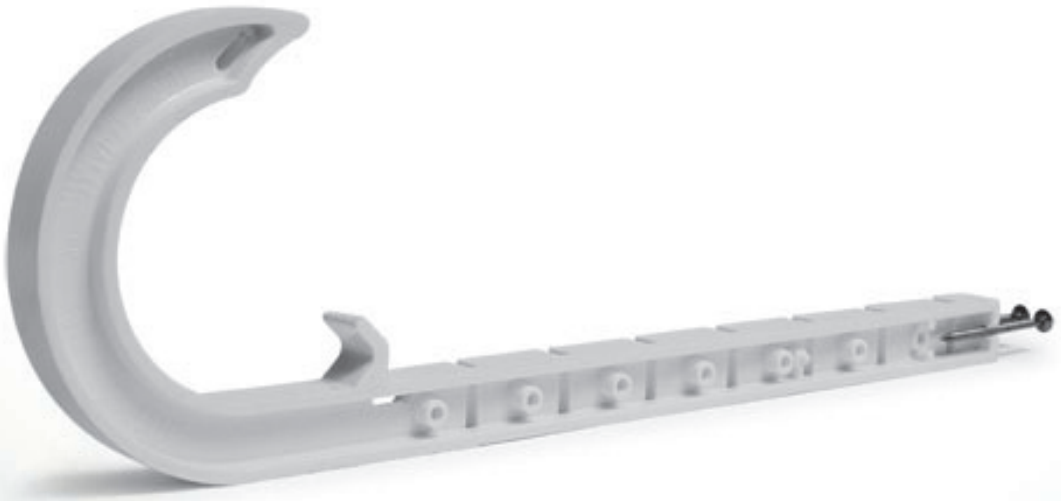
Swivel J-Hanger™

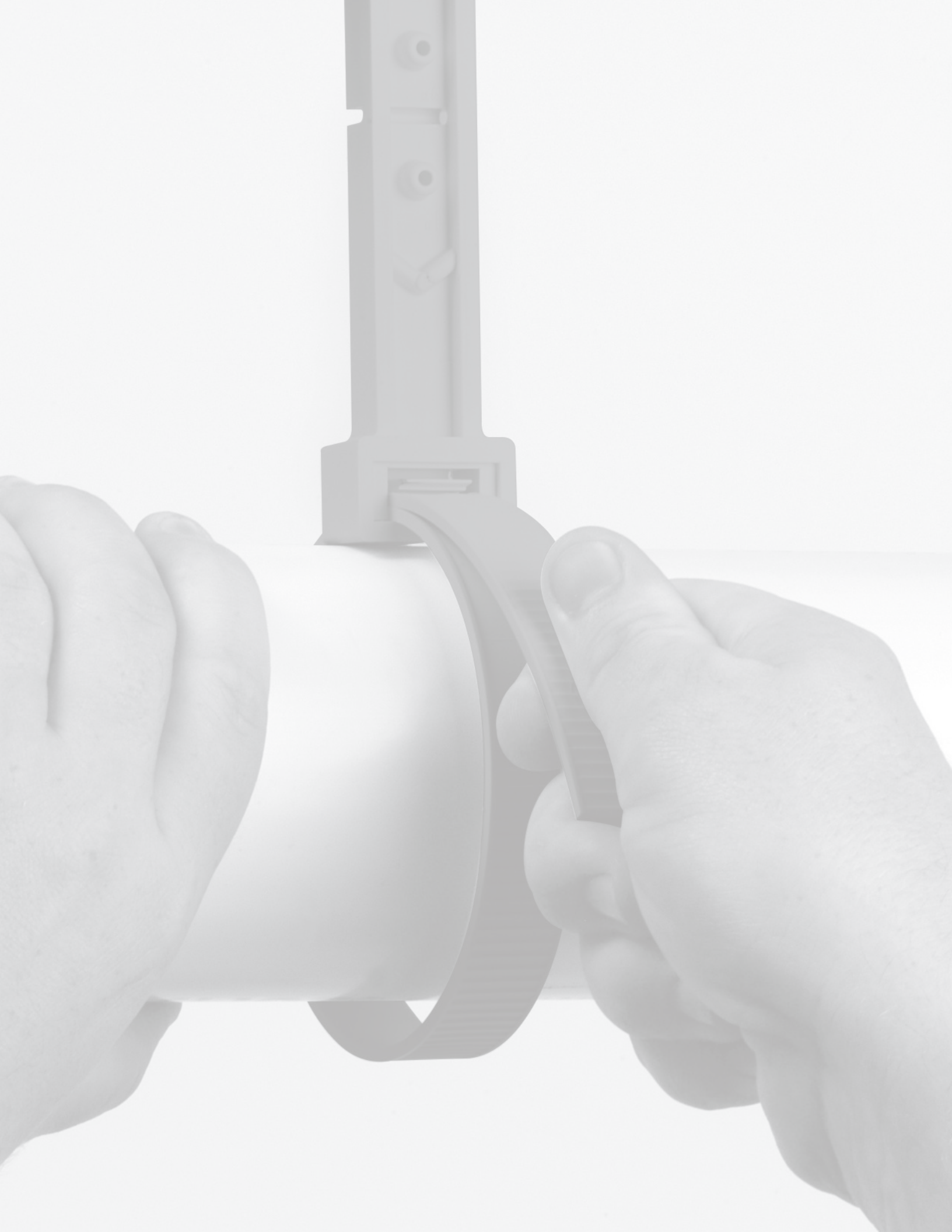
Gas Vent Pipe Support

ZipStick™

Metal DWV

StickEm Up™





HangsTuff™

DWV Pipe Hanger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WHITE			
553-6W	1-1/2" Sch. 40, w/ Pre-Loaded Nails	BI	50	50
553-6WM25	1-1/2" Sch. 40, Megapac: 25 Hooks And 50 Bulk Nails Per Bag	BI	10	10
553-7W	2" Sch. 40, w/ Pre-Loaded Nails	BI	50	50
553-830W	3" Sch. 30, w/ Pre-Loaded Nails	BI	50	50
553-8W	3" Sch. 40 w/ Pre-Loaded Nails	BI	50	50
553-9W	4" Sch. 40, w/ Pre-Loaded Nails	BI	25	25
	ACCESSORIES			
521-210	3/8" ATR Extension Stainless Steel L-Bracket w/ Screws	BI	25	25

553-6W

Swivel J-Hanger™

DWV Hanger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
553-6WZ	1-1/2" Sch 40, Nails Included	B	25	100
553-6WZPK2	1-1/2" Sch 40, Nails Included, 4/Bag	BI	4	5
553-7WZ	2" Sch 40, Nails Included	B	25	100
553-7WZPK2	2" Sch 40, Nails Included, 4/Bag	BI	1	5
553-8WZ	3" Sch 40, Nails Included	B	25	100
553-8WZPK2	3" Sch 40, Nails Included, 4/Bag	BI	4	5
553-9WZ	4" Sch 40, Nails Included	B	25	100
553-9WZPK2	4" Sch 40, Nails Included, 4/Bag	BI	4	5

553-6WZ

ZipStick™

Universal Pipe Hanger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GRAY			
553-014	14"	B	100	100
553-014PK	14"	BI	25	25
553-026	26"	B	50	50
553-STRP	Strap Only	B	50	50
	L-BRACKET ACCESSORY			
521-210	3/8" ATR Extension Stainless Steel L-Bracket w/ Screws	BI	25	25

553-014

521-210

510-7PK

510-6VPK

549-712

Metal DWV Hanger

- Vinyl-coated models are not for use with CPVC pipe or fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GALVANIZED			
510-6PK	1-1/2" Sch 40	CI	20	20
510-7PK	2" Sch 40	CI	20	20
510-8PK	3" Sch 40	CI	20	20
510-9PK	4" Sch 40	CI	20	20
	VINYL-COATED GALVANIZED STEEL			
510-6VPK	1-1/2" Sch 40	CI	10	10
510-7VPK	2" Sch 40	CI	10	10
510-8VPK	3" Sch 40	CI	10	10
510-9VPK	4" Sch 40	CI	10	10

StickEm Up™

Dual-Sized DWV Stanchion Pipe Support

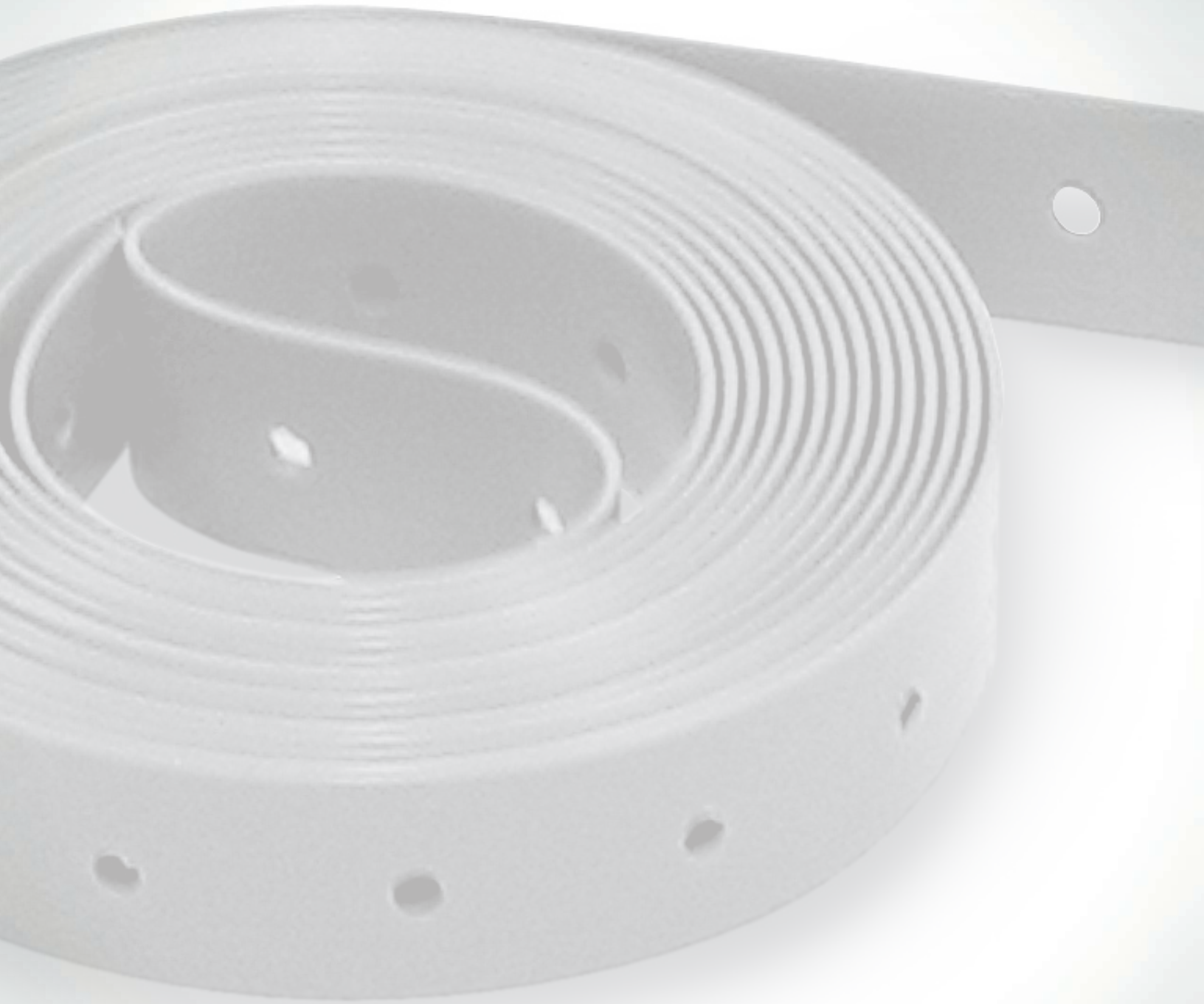
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
549-712	1-1/2"– 2" Sch 40	B	50	50
549-734	3"– 4" Sch 40	B	25	25

Hanger Straps

ApeTape™

Plastic

Metal



ApeTape™

Woven Polypropylene Hanger Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
554-100W	5/8" × 100', 1/Bag	BI	1	20
554-25W	5/8" × 25', 1/Bag	BI	1	20

554-100W

Plastic Hanger Strap

Polypropylene with 1/8" Holes

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
554-100	3/4" × 100', 1/Bag	BI	1	20
554-10PK2	3/4" × 10', 1/Bag	CI	10	10
554-25	3/4" × 25', 1/Bag	BI	1	20

554-100

Metal Hanger Strap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GALVANIZED STEEL WITH ALTERNATING 1/4" AND 3/16" HOLES			
524-10	3/4" × 10' Coil, 24-Ga	B	50	50
524-100	3/4" × 100' Coil 24-Ga, 1/Box	B	5	5
524-1022PK2	3/4" × 10' Coil 22-Ga, 1/Bag	CI	10	50
524-10PK	3/4" × 10' Coil 24-Ga IBC	BI	50	50
524-10PK2	3/4" × 10' Coil 24-Ga, 1/Bag	CI	10	10
524-50	3/4" × 50' Coil 24-Ga, 1/Box	B	10	10
524-50PK3	3/4" × 50' Coil 24-Ga, (Contr Pack), 1/Box	BI	1	10
528-10	3/4" × 10' Coil, 28-Ga	B	50	50
528-100	3/4" × 100' Coil, 28-Ga, 1/Box	B	5	5
528-10PK2	3/4" × 10' Coil, 28-Ga, 1/Bag	CI	10	10
528-25PK2	3/4" × 25' Coil, 28-Ga, 1/Bag	CI	1	12
528-50	3/4" × 50' Coil, 28-Ga, 1/Box	B	10	10
	COPPER-PLATED STEEL WITH ALTERNATING 1/4" AND 3/16" HOLES			
524-10CPK2	3/4" × 10' Coil, 24-Ga, 1/Bag	CI	10	10

524-10

524-10CPK2

Notes:

Ground Stakes

Tomahawk™

Simple and effective - the Tomahawk™ keeps ground-rough DWV pipe securely in place before and during the concrete pour.

Tomahawk™

DWV Ground Stake

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLYETHYLENE HEAD			
535-914	3/8" × 14" Rebar w/ Poly Head	B	25	25
535-926	3/8" × 26" Rebar w/ Poly Head	B	25	25
535-9P	Poly Head Only (Fits #3 Rebar)	B	50	50
	ALL STEEL			
535-14	3/8" × 14" All Steel	B	25	25
535-14PK	3/8" × 14" All Steel IBC	B	10	10

535-926

535-14

Notes:

Brackets

Stub Out Brackets

Bend Supports

Adjustable/Multi-Purpose Brackets

Commercial Brackets

Overhead Brackets

Stud Guards & Safety Plates

Water Heater Accessories

Brackets

Stub Out Brackets

Sioux Chief offers a multitude of easy-to-install, galvanized and copper-plated brackets designed to keep any type of stub out mounted securely in the stud cavity. Stub out brackets offer a cost-effective solution to finding/measuring/cutting blocks of wood.

Bend Supports

Plastic and metal bend supports available for use with 1/2" and 3/4" PEX tube. Bend supports help prevent kinks in PEX tube and allow tighter-radius bends without using elbow fittings.

Adjustable/Multi-Purpose Brackets

Sioux Chief's PowerBar™ system adjusts 'telescopically' to accommodate almost any stud or joist opening. Acoustical models reduce the transfer of waterline noise to the building members. Cost-effective galvanized or copper-plated flat and adjustable brackets are also available for a variety of applications.

Commercial Brackets

Brackets designed to meet the demands of commercial projects. Mini Strut options offer a versatile alternative to cutting, installing, and securing pipe or tube to standard strut products. Unique clamps and other accessories available, including the TD+™ system with acoustical and plenum-rated models available.

Overhead Brackets

Simple, galvanized and copper-plated clamps for hanging and supporting pipe/tube overhead. Threaded rod, anchors, and other accessories available.

Stud Guards & Safety Plates

Guards and plates offer code-required protection of plumbing lines inside walls or support for notched studs.

Water Heater Accessories

Easy-to-assemble, galvanized water heater stands keep appliances off the floor, and convenient support kits hold expansion tanks securely in place where needed.

Stub Out Brackets

StrongArm™, SimpleStrap™

Edge™ Bracket, SecureAll™

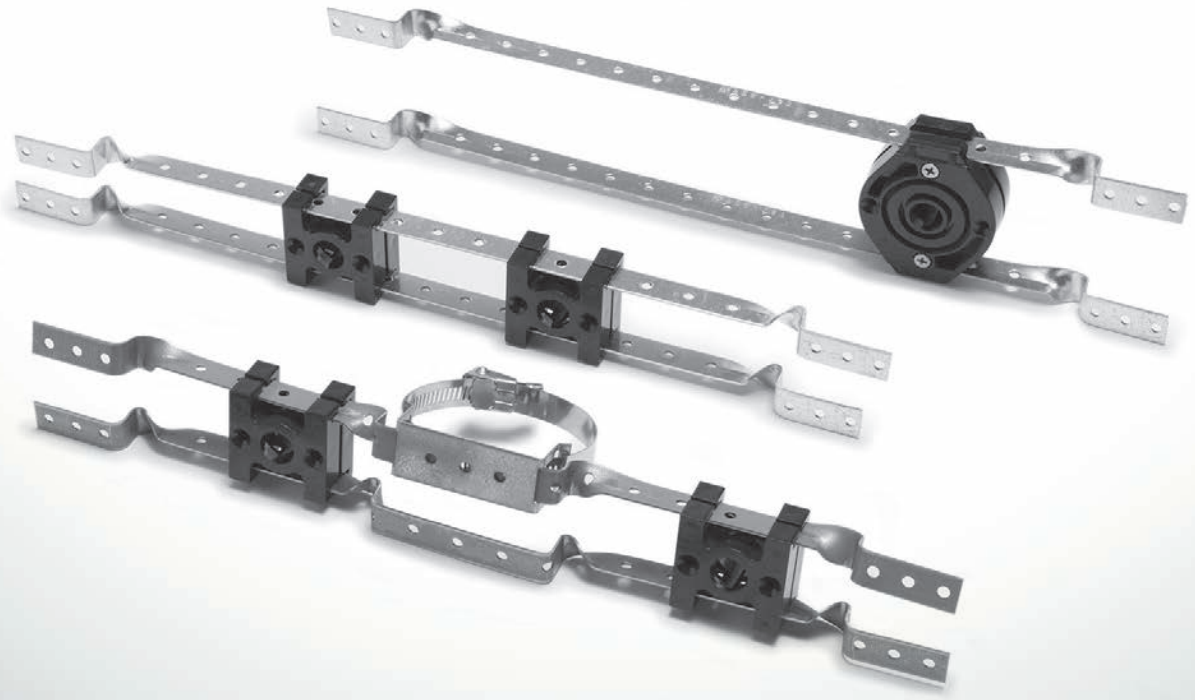
Stub Out Brackets

Solder Straps

StainlessStar™

PEX Sleeve

Sioux Chief's popular StrongArm™ bracket bends to mount in standard, narrow, or oddly-shaped stud cavities, while the unique LockBlock™ device keeps any copper, PEX, or CPVC stub out ***rock*** solid.



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				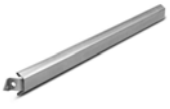
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StrongArm™

LockBlock™ or PEX Bend LockBlock™

525-1622

525-162PB

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRACKET ASSEMBLIES FOR 16" STUD BAYS			
525-1612	Twisted Brackets w/ One 1/2" Lockblock™	B	25	25
525-1613	Twisted Brackets w/ One 3/4" Lockblock™	B	25	25
525-1614	Twisted Brackets w/ One 1" Lockblock™	B	25	25
525-161PB	Twisted Brackets w/ One 1/2" PEX Bend Lockblock™	BI	25	25
525-161PBL	L-Bent Brackets w/ One 1/2" PEX Bend Lockblock™	B	25	25
525-161PBPK	Twisted Brackets w/ One 1/2" PEX Bend Lockblock™	CI	10	10
525-1622	Twisted Brackets w/ Two 1/2" Lockblock™	B	25	25
525-1622PK1	Twisted Brackets w/ Two 1/2" Lockblock™	CI	10	10
525-1623	Twisted Brackets w/ Two 3/4" Lockblock™	B	25	25
525-1624	Twisted Brackets w/ Two 1" Lockblock™	B	25	25
525-162PB	Twisted Brackets w/ Two 1/2" PEX Bend Lockblocks	BI	25	25
525-162PBL	L-Bent Brackets w/ Two 1/2" PEX Bend Lockblocks	B	25	25
525-162PBPK	Twisted Brackets Assembly w/ Two 1/2" PEX Bend Lockblock™	CI	10	10
	BRACKET ASSEMBLIES FOR 24" STUD BAYS			
525-2412	Twisted Brackets w/ One 1/2" Lockblock™	B	25	25
525-2413	Twisted Brackets w/ One 3/4" Lockblock™	B	25	25
525-241PB	Twisted Brackets w/ One 1/2" PEX Bend Lockblock™	B	25	25
525-241PBL	L-Bent Brackets w/ One 1/2" PEX Bend Lockblock™	B	25	25
525-2422	Twisted Brackets w/ Two 1/2" Lockblock™	B	25	25
525-242PB	Twisted Brackets w/ Two 1/2" PEX Bend Lockblock™	B	25	25
525-242PBL	L-Bent Brackets w/ Two 1/2" PEX Bend Lockblock™	B	25	25
	ACCESSORIES AND BULK COMPONENTS			
525-16T	Twisted Bracket For 16" Stud Bays	B	100	100
525-20B	L-Bent Bracket For 16" Stud Bays	B	100	100
525-24T	Twisted Bracket For 24" Stud Bays	B	100	100
525-B2	1/2" Lockblock™ w/ Screws	B	50	50
525-B3	3/4" Lockblock™ w/ Screws	B	50	50
525-B4	1" Lockblock™ w/ Screws	B	50	50
525-P22	1/2" PEX Bend Lockblock™ (3-Piece Assembly)	B	50	50
525-P2M	Lockblock™ Face Plate	B	100	100
591-06B	#6 × 1" Yellow Zinc-Plated, Coarse-Thread Wood Screw, 100/Bag	BI	10	10
591-081	#8 × 1" Zinc-Plated Drill-Tip Phillips Screw, 100/Bag	B	10	10

525-16WLB

525-WLB

525-1622V

StrongArm™

Shower WallNut™ LockBlock™

Related Products
Shower WallNut™ p 616

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
525-16WLB	Twisted Brackets w/ One Shower Wallnut™ Lockblock™ For 1/2"Copper Ell	B	25	25
	BULK COMPONENTS			
525-WLB	1/2" Shower Wallnut™ Lockblock™	B	50	50

StrongArm™

Vent Support

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH LOCKBLOCK™			
525-1622V	Vent Pipe Assembly: SaddleUp™ Clamp, S/S Band & Two 1/2" Lockblock™	B	25	25
	WITH PEX BEND LOCKBLOCK™			
525-162PBV	Vent Pipe Assembly: SaddleUp™ Clamp, S/S Band & Two 1/2" PEX Bend Lockblock™	B	25	25

LockBlock™

Stub Out Bracket

525-B3S

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
525-B2S	Bagged Kit: One 1/2" Lockblock™ w/ Two 2-1/2" Drill-Tip Screws	BI	50	50
525-B3S	Bagged Kit: One 3/4" Lockblock™ w/ Two 2-1/2" Drill-Tip Screws	BI	50	50

SimpleStrap™

Cost-Effective Stub Out Bracket

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	KITS			
525-2002PK2	Kit: 18" Galvanized Bracket w/ Two 1/2" CTS Straps	BI	50	50
525-2602PK2	Kit: 26" Galvanized Bracket w/ Two 1/2" CTS Straps	BI	50	50
	CLAMPS			
525-02	1/2" CTS Simplestrap™	B	100	1000
525-02G	1/2" CTS Simplestrap™, Glueable To CPVC	B	100	1000
525-03	3/4" CTS Simplestrap™	B	100	1000
	BRACKETS			
525-6920	Flat Bracket, 20"	B	100	100
525-6926	Flat Bracket, 26"	B	100	100

525-2002PK2

525-02

525-6920

Secure-All™

Copper-Plated Stub Out Bracket

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
521-851	2" × 20" 18-Ga. For 1/2", 3/4" And 1" Copper, Extruded Holes	B	50	50
521-851PK	2" × 20" 18-Ga. For 1/2", 3/4" And 1" Copper, Extruded Holes	CI	25	25
521-852	2-3/8" × 26" 18-Ga. For 1/2", 3/4" And 1" Copper, Extruded Holes	B	50	50

521-851

Flat Brackets

· If soldering, Heat the tube, not the bracket

521-118

Related Products

PipeEye™ Isulators p 468

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER-PLATED			
521-118	1-1/4" × 20" 16-Ga. For 1/2" Copper	B	50	50
521-118R	1-1/4" × 20" 16-Ga. For 1/2" Copper w/ Extruded Holes	B	25	25
521-126	1-1/4" × 26" 16-Ga. For 1/2" Copper	B	50	50
521-810	1-3/4" × 20" 16-Ga. For 1/2", 3/4" And 1" Copper	B	50	50
521-810PK	1-3/4" × 20" 16-Ga. For 1/2", 3/4" And 1" Copper	CI	50	50
521-820	1-3/4" × 20" 24-Ga. For 1/2", 3/4" And 1" Copper w/ Extruded Holes	B	50	50

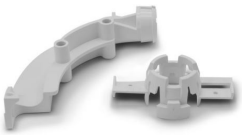
521-3725B

Flat Brackets (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GALVANIZED - FOR USE WITH PIPEEYE™ INSULATORS			
521-318	2" × 20" 14-Ga.	B	50	50
521-360	2" × 26" 14-Ga.	B	50	50
521-3725B	3" × 4-3/4" L-Bracket, 14-Ga.	B	100	100

SnapBack™

Bend Support Bracketing System



521-3SBP2

521-360

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BEND SUPPORT AND GROMMET			
521-3SBP2	1/2" PEX Bend & Grommet for Galv. Flat Bracket	B	50	50
	BRACKETS AND ACCESSORIES			
521-318	2" × 20" 14-Ga.	B	50	50
521-360	2" × 26" 14-Ga.	B	50	50
521-3725B	3" × 4-3/4" L-Bracket, 14-Ga.	B	100	100
521-557	Single Hole	B	25	25
521-558	Double Hole	B	25	25
521-559	Quadruple Hole	B	25	25
525-6918	Flat Bracket, 18"	B	100	100
525-6920	Flat Bracket, 20"	B	100	100
525-6926	Flat Bracket, 26"	B	100	100
525-P2M	Lockblock™ Face Plate	B	100	100

Stub Out Bracket with Stud Guard

Copper-Plated

521-6416

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
521-6415	1/2" Or 3/4" Copper, Extruded Holes & Nail Spikes, 16-Ga	B	25	25
521-6416	1/2" Or 3/4" Copper, Extruded Holes & Pre-Drilled Holes, 16-Ga.	B	25	25

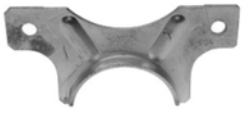
Solder Straps

Copper-eared Tube Hanger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SQUARE O™ STRAP			
505-24	1/2" Copper	B	100	100
505-34	3/4" Copper	B	100	100
505-44	1" Copper	B	50	50
	SOLDER O™ STRAP			
505-29	1/2" Copper	B	100	100
505-39	3/4" Copper	B	100	100
505-49	1" Copper	B	50	50
	SOLDER C™ STRAP			
505-5	1-1/4" Copper	B	25	100

505-24

505-39



505-5

StainlessStar™

Tube Locking One-Way Push Nut

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
612-2S	1/2" Copper Tube	B	50	500
612-3S	3/4" Copper Tube	B	25	250
612-4S	1" Copper Tube	B	25	250

612-2S

Through-Floor Protective Sleeve

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
550-FP2	1/2" CTS Protective Floor Sleeve	B	25	25
550-FP2S	1/2" CTS Protective Floor Sleeve (Short)	B	25	25

550-FP2

Notes:

Bend Supports

SideWinder™

PEXChair™

SideWinder™

PEX Bend Supports

Related Products
StrongArm™ w/ PEX Bend LockBlock™ p 499

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	METAL BEND SUPPORTS			
550-M2	Metal 1/2" PEX Bend Support	B	50	50
550-M3	Metal 3/4" PEX Bend Support	B	25	25
	METAL BEND SUPPORTS WITH FACE PLATE			
550-MP2	Metal 1/2" PEX Bend Support w/ Plate	B	25	25
550-MP2PK	Metal 1/2" PEX Bend Support w/ Plate	CI	10	10
550-MP3	Metal 3/4" PEX Bend Support w/ Plate	B	25	25
	PLASTIC BEND SUPPORTS			
525-P2	1/2" PEX Bend Only	B	50	50
525-P2PK	1/2" PEX Bend Only	CI	10	10
550-PB2	Plastic 1/2" PEX Bend Support	B	50	50
550-PB3	Plastic 3/4" PEX Bend Support	B	50	50
	PLASTIC BEND SUPPORTS WITH FACE PLATE			
525-P2M1	Bagged Kit: One 1/2" PEX Bend Lockblock™ w/ Galvanized Face Plate	BI	25	25

550-MP2

550-PB2

525-P2M1

PexChair™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
550-PC2	1/2" PEXchair™ Slab Organizer	B	10	10

550-PC2

Notes:

Adjustable & Multi-Purpose

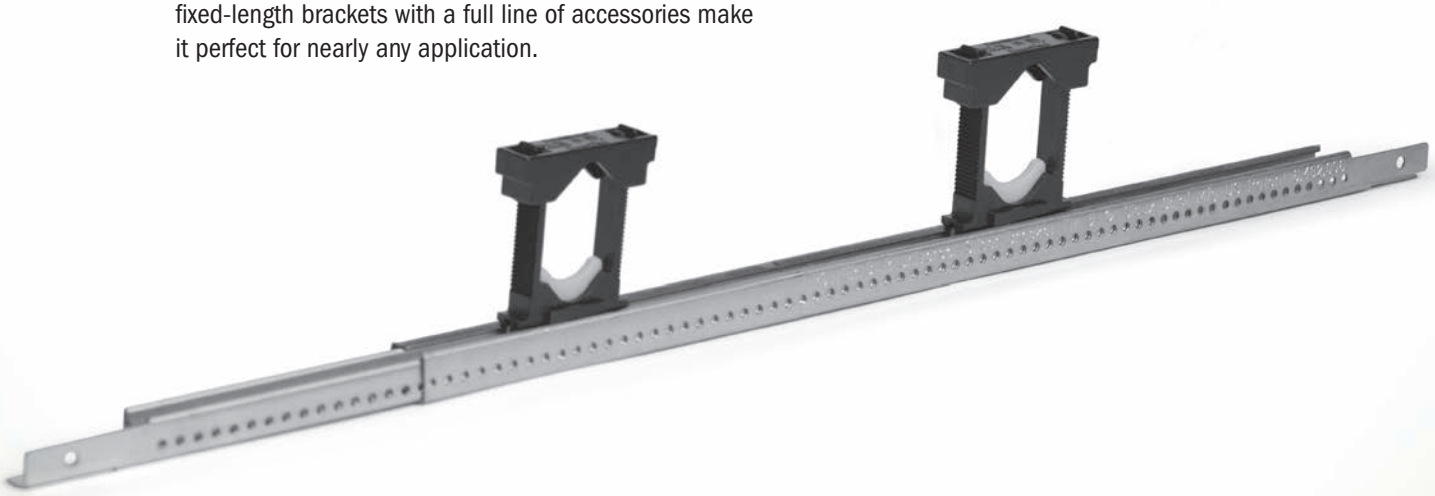
PowerBar™

WiderSlider™

Slider™

Support/Hyco Bars

Sioux Chief's PowerBar™ is designed for ultimate versatility with preloaded, multi-size TouchDown™ clamps. Adjustable and fixed-length brackets with a full line of accessories make it perfect for nearly any application.



UNIVERSAL SLIDE
PEND
SIOUX CHIEF MFG.

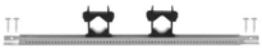
PowerBar™

Universal Slider Bracket

- Clamps 1/4" - 1" CTS tube & 1/8" - 1" Sch. 40 pipe

523-16

523-2420



523-1624

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	9" - 16" ADJUSTABILITY			
523-16	Bracket Only	B	50	50
523-1604	1 Bracket, 6 Drill-Tip Screws	B	50	50
523-1610	1 Bracket, 1 TouchDown Clamp	B	50	50
523-1614	1 Bracket, 1 TouchDown Clamp w/ Screws	B	50	50
523-1620	1 Bracket, 2 TouchDown Clamps	B	50	50
523-1620PK1	1 Bracket, 2 TouchDown Clamps	CI	10	10
523-1624	1 Bracket, 2 TouchDown Clamps w/ Screws	B	50	50
523-1630	1 Bracket, 3 TouchDown Clamps	B	50	50
523-1634	1 Bracket, 3 TouchDown Clamps w/ Screws	B	50	50
	ACOUSTICAL 9" - 16" ADJUSTABILITY			
523-1614Q	PipeDown™ Assembly: 1 Bracket, 1 Clamp w/ Cushions & Screws	B	25	25
523-1624Q	PipeDown™ Assembly: 1 Bracket, 2 Clamps w/ Cushions & Screws	B	25	25
523-1634Q	PipeDown™ Assembly: 1 Bracket, 3 Clamps w/ Cushions & Screws	B	25	25
	14" - 26" ADJUSTABILITY			
523-24	Bracket Only	B	50	50
523-2404	1 Bracket, 6 Drill-Tip Screws	B	50	50
523-2414	1 Bracket, 1 TouchDown Clamp w/ Screws	B	50	50
523-2420	1 Bracket, 2 TouchDown Clamps	B	50	50
523-2424	1 Bracket, 2 TouchDown Clamps w/ Screws	B	50	50
523-2434	1 Bracket, 3 TouchDown Clamps w/ Screws	B	50	50
	ACOUSTICAL 14" - 26" ADJUSTABILITY			
523-2424Q	PipeDown™ Assembly: 1 Bracket, 2 Clamps w/ Cushions & Screws	B	25	25
523-2434Q	PipeDown™ Assembly: 1 Bracket, 3 Clamps w/ Cushions & Screws	B	25	25
	PLENUM RATED 14" - 26" ADJUSTABILITY			
523F2424	Plenum-Rated Assembly: 1 Bracket, Two E84 Clamps w/ Screws	B	50	50
	KITS AND CONTRACTOR PACKS			
523-162401	9"-16" Contr Pack 50 Brackets w/2 Clamps, 100 Bridges And 200 Screws (Bulk)	B	1	1
523-1K52000	Lav/Vent Assembly: 1 Bracket, 2 Clamps, 1 SaddleUp™ Clamp And S/S Band	B	10	10
523-242001	14"-24" Contr Pack 50 Brackets w/2 Clamps And 100 Bridges (Bulk) (No Screws)	B	1	1
523-VLK1	Vent Loop Kit Assembly w/ 1 Clamp And 2 ComboSaddles	BI	25	25

PowerBar™

Accessories and Bulk Components

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POWERBAR™ ACCESSORIES			
522-101	100 Bridges Only	B	100	100
522-102	100 Base Inserts Only	B	500	500
522-5500	100 Bases, 100 Bridges, 100 Base Inserts (Bulk)	B	100	100
522-5501	1 Bridge, 1 Clamp Base, 1 Base Insert (1 Set/Bag)	B	100	100
523-01	Ratchet-Locking ZipStrap™ w/ PowerBar Foot Adapter And Screw	B	50	50
523-712W	ComboSaddle Fits 1-1/2" - 2" DWV	B	10	50
523-734W	ComboSaddle Fits 3"- 4" DWV	B	10	50
	ACOUSTICAL POWERBAR™ ACCESSORIES			
522-100B	PipeDown™, 100 Inserts/Bag (Not For Use w/ Plenum-Rated Models)	B	1	10
522-100BPK2	PipeDown™, 10 Inserts/Bag (Not For Use w/ Plenum-Rated Models)	BI	1	10
523-5501Q	PipeDown™ Acoustical TouchDown™ Clamp (1 Set/Bag)	B	100	100
523-DEQ	PipeDown™ DE-90 Cushion (Bagged Set), 1 Pair/Bag	BI	1	25
	PLENUM RATED POWERBAR™ ACCESSORIES			
523F5500	Plenumsafe™ 100 Bases, 100 Bridges, 100 Base Inserts (Bulk)	B	100	100

WiderSlider™

Adjustable Multi-Purpose Bracket

520-616

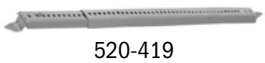
520-626

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	9" - 15"			
520-616	9" - 15" Galvanized Bracket	B	50	50
	13" - 23"			
520-626	13"–23" Galvanized Bracket	B	50	50
520-626PK	13"–23" Galvanized Bracket	BI	10	10

Slider™

Adjustable Multi-Purpose Bracket

520-19



520-419

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	12" - 19"			
520-19	12"–19" Galvanized, Self-Nailing	B	50	50
520-19C	12"–19" Copper Plated, Self-Nailing	B	50	50
520-19CPK	12"–19" Copper Plated, Self-Nailing	CI	25	25
520-19T	12"–19" Galvanized, Flat Tabs And Pilot Holes	B	50	50
520-19TC	12"–19" Copper Plated, Flat Tabs And Pilot Holes	B	50	50
520-419	12"–19" Galvanized , Self-Nailing And Pilot Holes	B	50	50
520-419T	12"–19" Galvanized, Flat Tabs And Pilot Holes	B	50	50

Edge™ Support Brackets

Galvanized Angle Brackets

520-E16

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRACKETS			
520-E16	Galvanized Bracket For 16" Stud Bays	B	100	100
520-E24	Galvanized Bracket For 24" Stud Bays	B	100	100

Support Bracket

Multi-Purpose Galvanized Bracket

525-6917

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
525-6918	Flat Bracket, 18"	B	100	100
525-6920	Flat Bracket, 20"	B	100	100
525-6926	Flat Bracket, 26"	B	100	100

Notes:

Commercial Brackets

Carrier Bracket, Chase Bracket

Alignment Bracket, PipeTitan™

PowerBar™ Mini Strut

SaddleUp™, TD+™ Universal Clamp

Acoustical Accessories, Manifold Brackets

TakeOff™ Rooftop Block

521-725

Carrier Bracket

Copper-Plated

Related Products
Sweat Stub Out p 104

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
521-725	1" CTS × 4-1/2" Offset Centerline, Washers Included	B	5	5
521-728	1" CTS × 4-1/2" Offset Centerline For Prefab, Washers Included	B	5	5
521-729	1" CTS × 4-3/4" Double Offset Centerline, Washers Included	B	5	5
521-730	Carrier Bracket Height Extension Bracket	B	5	5

521-723BB

ChaseBracket™

Copper-Plated

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
521-723	J-Hook w/ 5" Stainless Snap-Lock Band, 16-Ga.	BI	25	25
521-723BB	J-Hook Only 16-Ga.	B	25	25

521-110

Commercial Alignment Bracket

Copper-Plated

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
521-110	Positioning Bracket For 1/2" Stub Outs On 4" Or 8" Centers	B	25	25
521-111	Stabilizing Combo Bracket For 1/2" And 3/4" Vertical Runs In Walls 3-1/2" Or Wider	B	50	50
521-112	Mid-Span Multi-Purpose Bracket w/ 3/4" Notches On 6" Centerline	B	50	50
521-113	Mid-Span Multi-Purpose Bracket w/ 3/4" Notches On 8" Centerline	B	50	50

570-22

572-20

PipeTitan™

Universal Bracketing System

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD (GREEN)			
570	Bracket Only	B	24	24
570-10	Kit: Bracket, 2 Straps, 1 Clamp	BI	24	24
570-20	Kit: Bracket, 2 Straps, 1 Clamp w/ 5" S/S Band	BI	24	24
570-24	Kit: Bracket, 2 Straps, 1 Clamp w/ 7" S/S Snap-Lock Band	BI	24	24
	FLAME RETARDANT (RED)			
572	Bracket Only	B	24	24
572-20	Kit: Fr Bracket, 2 Straps, 1 Clamp w/ 5" S/S Band	BI	24	24
572-22	Kit: Fr Bracket, 2 Straps 1 Clamp, w/ 5" S/S Snap-Lock Band	BI	24	24
572-24	Kit: Fr Bracket, 2 Straps 1 Clamp w/ 7" S/S Snap-Lock Band	BI	24	24

PipeTitan™ (Cont)

Universal Bracketing System

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CLAMPS, STRAPS, & STAINLESS STEEL BANDS			
570-58	Large Pipe Clamp w/ Screws	BI	50	50
574-74	4" Diameter Snap-Lock Stainless Steel Band	B	25	500
574-75	5" Diameter Standard Stainless Steel Band	B	25	100
574-77	7" Diameter Snap-Lock Stainless Steel Band	B	25	100

570-53

570-58

PowerBar™ Mini Strut

Suspension Support Bracket; Use with 3/8" Threaded Rod

- Clamps 1/4" - 1" CTS tube & 1/8" - 1" Sch. 40 pipe

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LIGHT DUTY POWERBAR™ MINI STRUT (20-GA)			
523-2MS	1 Bracket, 13-5/8"	B	50	50
523-2MS2	1 Bracket, 2 TouchDown Clamps	B	50	50
523-2MS3	1 Bracket, 3 TouchDown Clamps	B	50	50
523-2MS4	1 Bracket, 4 TouchDown Clamps	B	50	50
	HEAVY DUTY POWERBAR™ MINI STRUT (16-GA)			
523-3MSL	Long Bracket Only, 26"	B	25	25
523-3MSS	Short Bracket Only, 15"	B	25	25
523-3MSS2	Short Bracket, 15" w/ 2 TouchDown Clamps	B	25	25
523-3MSS3	Short Bracket, 15" w/ 3 TouchDown Clamps	B	25	25
	TOUCHDOWN™ CLAMP			
522-5500	100 Bases, 100 Bridges, 100 Base Inserts (Bulk)	B	100	100
522-5501	1 Bridge, 1 Clamp Base, 1 Base Insert (1 Set/Bag)	B	100	100
523F5500	Plenumsafe™ 100 Bases, 100 Bridges, 100 Base Inserts (Bulk)	B	100	100
	POWERBAR™ MINI STRUT CLAMPS (COPPER-PLATED)			
523-3MS2C	1/2" CTS w/ #8 × 3/4" Screw	B	25	100
523-3MS3C	3/4" CTS w/ #8 × 3/4" Screw	B	25	100
523-3MS4C	1" CTS w/ 5/16-18 Bolt	B	10	50
523-3MS5C	1-1/4" CTS w/ 5/16-18 Bolt	B	10	50
523-3MS6C	1-1/2" CTS w/ 5/16-18 Bolt	B	10	50
523-3MS7C	2" CTS w/ 5/16-18 Bolt	B	10	50
	POWERBAR™ MINI STRUT CLAMPS (ZINC-PLATED)			
523-3MS3G	3/4" IPS w/ #8 × 3/4" Screw	B	25	100
523-3MS4G	1" IPS w/ 5/16-18 Bolt	B	10	50
523-3MS5G	1-1/4" IPS w/ 5/16-18 Bolt	B	10	50
523-3MS6G	1-1/2" IPS w/ 5/16-18 Bolt	B	10	10
523-3MS8G	3" IPS w/ 5/16-18 Bolt	B	10	10
523-3MS9G	4" IPS w/ 5/16-18 Bolt	B	10	10

523-3MS2C

523-3MS4G

523-1B

SaddleUp™

DWV Saddle Clamp

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SADDLE-UP™ CLAMPS			
523-1	SaddleUp™ Galvanized DWV Clamp	B	50	50
523-1B	Clamp w/ 5" Snap-Lock S/S Band	B	5	50
523-1C	Clamp w/ 4" Snap-Lock S/S Band	B	5	50
523-1D	Clamp w/ 3" Snap-Lock S/S Band	B	5	50
	BULK STAINLESS STEEL BANDS			
574-74	4" Diameter Snap-Lock Stainless Steel Band	B	25	500
574-75	5" Diameter Standard Stainless Steel Band	B	25	100
574-77	7" Diameter Snap-Lock Stainless Steel Band	B	25	100
574-710	13" Diameter Standard Stainless Steel Band	B	25	250
574-713	13" Diameter Snap-Lock Stainless Steel Band	B	25	150

550-2111

550-2121

550-3131

TD+™ Universal Clamps

- Clamps 1/2" CTS through 2" IPS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	TD+™ FLAT BASE CLAMP			
550-2111	TD+ Clamp Base, Bridge And Screws, 1/Bag	BI	50	50
550-2111PK3	50 Bases, 50 Bridges, 100 Screws (Contr Pack) Bulk	B	1	1
550-2112	TD+ Clamp Base, 2 Bridges And Screws	BI	5	25
550-2113	1 Base, 3 Bridges, 2 Screws	BI	25	25
	TD+ STRUT BASE CLAMP			
550-210	Bridge Only	B	25	250
550-2121	1 Base, 1 Bridge, 1/Bag	BI	50	50
550-2121PK3	50 Bases, 50 Bridges, (Contr Pack) Bulk	B	1	1
550-2122	1 Base, 2 Bridges	BI	1	25
	3/8" THREADED ROD			
550-3131	1 Base, 1 Bridge, 1/Bag	BI	50	50
550-3131PK3	50 Bases, 50 Bridges, (Contr Pack) Bulk	BI	1	1
550-3132	1 Base, 2 Bridges	BI	25	25

TD+™ Plenum-Rated Universal Clamps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PIPE CLAMP			
550F3111	TD+ Clamp Base, Bridge And Screws	BI	25	25
	STRUT CLAMP			
550F3121	1 Base, 1 Bridge, 1/Bag	BI	10	10
550F3121PK3	50 Bases, 50 Bridges, (Contr Pack) Bulk	BI	1	1
	3/8" THREADED ROD			
550F3131	1 Base, 1 Bridge, 1/Bag	BI	10	10
550F3131PK3	50 Bases, 50 Bridges, (Contr Pack) Bulk	BI	1	1

550F3111

550F3121

550F3131

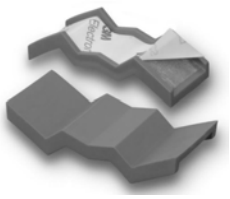
Acoustical TD+™ Universal Clamps

- Clamps 1/2" CTS through 2" IPS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PIPE CLAMP			
550-2111Q	TD+ Clamp, 1 Base, 1 Bridge, 2 Screws, 2 PipeDown™ Cushions	BI	5	50
550-2112Q	TD+ Clamp, 1 Base, 2 Bridges, 2 Screws, 4 PipeDown™ Cushions	BI	5	25
	STRUT CLAMP			
550-2121Q	TD+ Clamp, 1 Base, 1 Bridge, 2 PipeDown™ Cushions	BI	5	25
550-2122Q	TD+ Clamp, 1 Base, 2 Bridges, 4 PipeDown™ Cushions	BI	5	25
	ACCESSORIES			
550-214QPK2	PipeDown™ Acoustical Cushion, 10/Bag	CI	1	10
550-214QPK3	PipeDown™ Acoustical Cushion (Contr Pack), 50/Bag	BI	1	4

550-2111Q

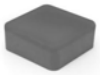
550-2121Q



550-214QPK2

Acoustical Isolation Accessories

575-100Q



575-510Q

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FELT & LINER			
575-100Q	2-1/4" × 100' × 1/8" Self-Adhesive Felt (Roll)	B	1	12
575-101Q	3/4" W × 25' (Roll)	B	1	10
575-102Q	2" W × 25' Self-Adhesive (Roll)	B	1	10
	CUSHIONS			
575-510Q	PipeDown™ 2" × 2" × 3/4" Bumperpad™	B	25	25
575-511Q	PipeDown™ 2" × 2" × 3/4" Bumperpad™ w/ Flat Plate	B	25	25
575-512Q	PipeDown™ 2" × 2" × 3/4" Bumperpad™ w/ Formed Plate	B	25	25

Manifold Brackets

Plastic

550-AMB

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
550-AMB	PEX Manifold Bracket w/ Components, 1 Pair/Bag	BI	10	10

TakeOff™

Roof Top Support

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ROOF TOP SUPPORT BRACKET			
543-21	TakeOff™ Roof Top Support Block - Adjustable Bracket	B	8	8
	ACCESSORIES			
543-21R	Roller Support Assembly Kit for 3/8" Thread Rod	BI	8	8
571	Bracket Only (Spacer Bracket for 543-21)	B	8	8

543-21

543-21R

Notes:

Overhead Brackets

PipeEye™ Suspension Bracket

Beam Clamps & Connectors

Adjustable Swivel/Loop

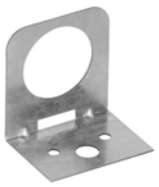
Clevis Hangers

Split-Ring Hangers

Strut Clamps

Cushion Clamps

Sioux Chief Sammys

 **521-557** **Page 525**	**541-CB** **Page 525**	**514-G02** **Page 525**	**515-3CPK2** **Page 526**	**517-C04** **Page 527**
517-I062PK2 **Page 527**	**590-4411** **Page 528**			

PipeEye™ Suspension Bracket

Galvanized Steel

- Use with PipeEye™ insulators

Related Products
PipeEye™ Insulators p 468

521-557

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
521-557	Single Hole	B	25	25
521-558	Double Hole	B	25	25
521-559	Quadruple Hole	B	25	25

Beam Clamp & Connector Products

Accepts 3/8" Thread Rod

541-CB

542-PK2

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	TOP PLATE CONNECTOR			
541-CB	Copper-Plated Steel (Bulk)	B	25	25
541-CPK2	Copper-Plated Steel, 1/Bag	CI	20	20
541-GB	Zinc-Plated Steel (Bulk)	B	25	25
541-GPK2	Zinc-Plated Steel, 1/Bag	CI	20	20
	TOP BEAM CLAMP			
542-PK2	Ductile Iron, 1/Bag	CI	10	10

Adjustable Swivel/Loop

514-G02

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GALVANIZED			
514-G02	1/2" IPS	B	100	100
514-G03	3/4" IPS	B	100	100
514-G04	1" IPS	B	100	100
514-G05	1-1/4" IPS	B	100	100
514-G06	1-1/2" IPS	B	100	100
514-G07	2" IPS	B	100	100
	ACOUSTICAL			
514-G02Q	1/2" CTS	B	50	50
514-G03Q	3/4" CTS	B	50	50
514-G04Q	1" CTS	B	25	25
514-G05Q	1-1/4" CTS	B	25	25
514-G06Q	1-1/2" CTS	B	25	25
514-G07Q	2" CTS	B	10	10

515-2CPK2

515-2GPK2

Clevis hanger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER-PLATED			
515-2CPK2	1/2" CTS, 1/Bag	CI	10	10
515-3CPK2	3/4" CTS, 1/Bag	CI	10	10
515-4CPK2	1" CTS, 1/Bag	CI	10	10
515-5CPK2	1-1/4" CTS, 1/Bag	CI	10	10
515-6CPK2	1-1/2" CTS, 1/Bag	CI	10	10
515-7CPK2	2" CTS, 1/Bag	CI	10	10
	GALVANIZED			
515-2GPK2	1/2" IPS, 1/Bag	CI	10	10
515-3GPK2	3/4" IPS, 1/Bag	CI	10	10
515-4GPK2	1" IPS, 1/Bag	CI	10	10
515-5GPK2	1-1/4" IPS, 1/Bag	CI	10	10
515-6GPK2	1-1/2" IPS, 1/Bag	CI	10	10
515-7GPK2	2" IPS, 1/Bag	CI	10	10
515-8GPK2	2-1/2" IPS, 1/Bag	CI	10	10
515-9GPK2	3" IPS, 1/Bag	CI	10	10
515-10GPK2	4" IPS, 1/Bag	CI	10	10

516-2CPK2

516-2GPK2

516-2CB

Split Ring Hanger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EPOXY-COATED IRON W/ CU COLOR (IMPORTED)			
516-2CPK2	1/2" CTS, 1/Bag	CI	20	20
516-3CPK2	3/4" CTS, 1/Bag	CI	20	20
516-4CPK2	1" CTS, 1/Bag	CI	10	10
516-5CPK2	1-1/4" CTS, 1/Bag	CI	10	10
516-6CPK2	1-1/2" CTS, 1/Bag	CI	10	10
516-7CPK2	2" CTS, 1/Bag	CI	10	10
	GALVANIZED IRON (IMPORTED)			
516-2GPK2	1/2" IPS, 1/Bag	CI	20	20
516-3GPK2	3/4" IPS, 1/Bag	CI	20	20
516-4GPK2	1" IPS, 1/Bag	CI	10	10
516-5GPK2	1-1/4" IPS, 1/Bag	CI	10	10
516-6GPK2	1-1/2" IPS, 1/Bag	CI	10	10
516-7GPK2	2" IPS, 1/Bag	CI	10	10
	COPPER-PLATED STEEL (DOMESTIC)			
516-4CB	1" CTS	B	100	100
516-5CB	1-1/4" CTS	B	100	100
516-6CB	1-1/2" CTS	B	100	100
516-7CB	2" CTS	B	100	100
	GALVANIZED STEEL (DOMESTIC)			
516-2GB	1/2" IPS	B	100	100

Strut Clamps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER ZINC DICHROMATE			
517-C02	1/2" CTS, 1/Bag	BI	100	100
517-C03	3/4" CTS, 1/Bag	BI	100	100
517-C04	1" CTS, 1/Bag	BI	100	100
517-C05	1-1/4" CTS, 1/Bag	BI	50	50
517-C06	1-1/2" CTS, 1/Bag	BI	50	50
517-C07	2" CTS, 1/Bag	BI	50	50
517-C08	2-1/2" CTS, 1/Bag	BI	50	50
517-C09	3" CTS, 1/Bag	BI	50	50
517-C10	4" CTS, 1/Bag	BI	25	25
	ZINC-PLATED			
517-G02	1/2" IPS, 1/Bag	BI	100	100
517-G03	3/4" IPS, 1/Bag	BI	100	100
517-G04	1" IPS, 1/Bag	BI	100	100
517-G05	1-1/4" IPS, 1/Bag	BI	100	100
517-G06	1-1/2" IPS, 1/Bag	BI	50	50
517-G07	2" IPS, 1/Bag	BI	50	50
517-G08	2-1/2" IPS, 1/Bag	BI	50	50
517-G09	3" IPS, 1/Bag	BI	25	25
517-G10	4" IPS, 1/Bag	BI	25	25

517-C02

517-G02

Copper Tube Cushion Clamps

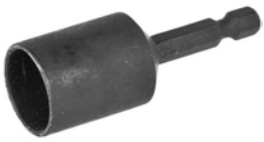
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STEEL CLAMP WITH TPR CUSHION/ISOLATOR			
517-I062PK2	1/2" CTS (.625 O.D.), 1/Bag	BI	25	25
517-I087PK2	3/4" CTS (.875 O.D.), 1/Bag	BI	25	25
517-I112PK2	1" CTS (1.125 O.D.), 1/Bag	BI	20	20
517-I137PK2	1-1/4" CTS (1.375 O.D.), 1/Bag	BI	20	20
517-I162PK2	1-1/2" CTS (1.625 O.D.), 1/Bag	BI	20	20
517-I212PK2	2" CTS (2.125 O.D), 1/Bag	BI	10	10

517-I062PK2

590-4411

590-4412

590-4413


590-44ND1

Sioux Chief Sammys - Thread Rod Anchors

Accepts 3/8" Thread Rod

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WOOD APPLICATIONS			
590-4411	1/4" × 2" Screw, Vertical, 25/Box	BI	1	5
590-4411-3	1/4" × 3" Screw, Vertical, 25/Box	BI	1	5
590-4421	1/4" × 2" Screw, Horizontal, 25/Box	BI	1	5
	CONCRETE APPLICATIONS			
590-4412	1/4" × 1-3/4" Screw, Vertical, 25/Box	BI	1	5
	STEEL BEAM APPLICATIONS			
590-4413	1/4" × 2" Screw, Vertical, 25/Box	BI	1	5
590-4423	1/4" × 1-1/4" Screw, Horizontal, w/ Nut, 25/Box	BI	1	5
	INSTALLATION TOOLS			
590-44ND1	Nut Driver #14 For Vertical Anchors (Black), 1/Bag	BI	1	12
590-44ND2	Nut Driver #14SW For Horizontal Anchors (Red), 1/Bag	BI	1	12

Stud Guards & Safety Plates

Stud Guards

Stud Shoe

Self Nailing Stud Guards

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
530-163	1-1/2" × 3", 16-Ga	B	100	100
530-1635	3" × 5", 16-Ga	B	100	100
530-163PK	1-1/2" × 3", 16-Ga IBC	BI	100	100
530-166	1-1/2" × 6", 16-Ga	B	100	100
530-166PK	1-1/2" × 6", 16-Ga IBC	CI	100	100
530-169	1-1/2" × 9, 16-Ga	B	50	50
536-35	3" × 5", 16-Ga w/ Offset Nail Spikes	B	100	100
536-36	3-1/2" × 6", 16-Ga	B	50	50
536-56E	5" × 6", 16-Ga w/ Offset Nail Spikes	B	50	50
536-58	5" × 8", 16-Ga w/ Nail Spikes And 6 Nail Holes	B	50	50
536-68E	6" × 8", 16-Ga w/ Offset Nail Spikes	B	50	50

536-36

Stud Guards / Shield Plates

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
530-6M	1-1/2" × 6", 16-Ga w/ Nail Holes	B	100	100
536-09	1-1/2" × 9" w/ 8 Holes 16-Ga	B	50	50
536-12	1-1/2" × 12" w/ 8 Holes 16-Ga	B	50	50
536-18	1-1/2" × 18" w/ 16 Holes 16-Ga	B	50	50
536-612	6" × 12" w/ 16 Holes 16-Ga	B	25	25
536-616	6" × 16" w/ 2 Holes 16-Ga. Galvanized	B	25	25
536-85	5" × 8" w/ 6 Holes 16-Ga	BI	50	50
538-09	1-1/2" × 9" w/ 8 Holes 18-Ga	B	50	50
538-12	1-1/2" × 12" w/ 8 Holes 18-Ga	B	50	50
538-18	1-1/2" × 18" w/ 8 Holes 18-Ga	B	50	50
539-18	3-1/2" × 18" w/ 16 Holes 16-Ga	B	25	25
539-518	5" × 18" w/ 16 Holes 16-Ga	B	25	25
539-6	3-1/2" × 6" w/ 6 Holes 16-Ga	B	50	50

536-09

536-85

Stud Shoes

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
533-1	Single, 16-Ga	B	25	25
533-2	Double, 16-Ga	B	25	25
533-3	Triple, 16-Ga	B	10	10

533-1

Notes:

Water Heater Accessories

Water Heater Stands

Expansion Tank Support Kits

Water Heater Stand

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
598-010	21 × 21 × 18 Standard For 30-50-Gal Units	BI	1	1
598-011	21 × 21 × 18 Fast Assembly For 30-50 Gal Units	BI	1	1
598-012	24 × 24 × 18 Heavy Duty For 50-100 Gal Units	BI	1	1

521-010

Expansion Tank Support Kits

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SADDLEUP™ EXPANSION TANK SUPPORT KIT			
598-0210	10" Max Diameter Band, Bracket And Screws - Contractor Pack	B	10	10
598-0210PK1	Kit: 10" Max Diameter Band, Bracket And Screws, 1/Bag	BI	1	25
598-0213	13" Max Diameter Band, Bracket And Screws - Contractor Pack	B	10	10
598-0213PK1	Kit: 13" Max Diameter Band, Bracket And Screws, 1/Bag	BI	1	25
	TANKBRACKET™			
598-022	2 pc. TANK Bracket - Leg/Foot/Ties, 1/Bag	BI	10	10
598-023	3 pc. TANK Bracket - Leg/Foot/Arm/Extension Pc/Ties, 1/Bag	BI	10	10

598-0210

598-022

598-023

Notes:

Specialties

Tubular

Plumbing Specialties

Tubing & Hose

Tubing/Hose Fittings

Tools & Chemicals

Making it in America

Tubular

Plastic Tubular

Metal Tubular

Basket Strainers & Sink Drains

Bath Waste Drains

Tubular

Plastic Tubular

White and black polypropylene tubular products designed in accordance with ASTM F409 Standard Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings.

Metal Tubular

Brass and chrome-plated brass tubular products designed in accordance with ASME A112.18.2/CSA B125.2 Standard for Plumbing Waste Fittings.

Basket Strainers & Sink Drains

A wide selection of basket strainer options for kitchen sinks, including KiwkFit™, Specification™ and BigBoy™ designs. Lavatory sink drains and drains for bar sinks also available.

Bath Waste Drains

Brass and plastic waste/overflow fittings for bathtubs in trip-lever Ezy Touch® and Twist-N-Close™ designs.

Chrome, satin nickel, and other finish options available.

Plastic Tubular

P-Traps

S-Traps

Trap Accessories

End Outlets

Center Outlets

Disposer Wastes

Sink Tailpieces
& Extensions

Dishwasher Tailpieces

Waste Arms

Tubular Fittings

Flexible Fittings

Tubular Accessories

230-0206101 **Page 543**	**230-0226301** **Page 543**	**230-0908101** **Page 543**	**230-1005101** **Page 544**	**230-1506101** **Page 544**
230-181616101 **Page 545**	**230-270616101** **Page 546**	**230-290616201** **Page 546**	**230-320616101** **Page 547**	**230-40060450** **Page 547**
230-450506132 **Page 548**	**230-58060825** **Page 548**	**230-600607101** **Page 549**	**230-8006125** **Page 550**	**230-8506101** **Page 550**
231-1506101 **Page 551**	**988-5000** **Page 551**			

P-Traps

Standard

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LESS ADAPTER			
230-0105101	1-1/4" w/ Poly Washer, White, 1/Bag	BI	25	25
230-0105201	1-1/4" w/ Soft Washer, White, 1/Bag	BI	25	25
230-0106101	1-1/2" w/ Poly Washer, White, 1/Bag	BI	50	50
230-0106201	1-1/2" w/ Soft Washer, White, 1/Bag	BI	50	50
230-0115101	1-1/4" w/ Poly Washer, Black, 1/Bag	BI	25	25
230-0115201	1-1/4" w/ Soft Washer, Black, 1/Bag	BI	25	25
	WITH THREADED ADAPTER			
230-0206101	1-1/2" w/ PVC Trap Adapter & Poly Washers, White, 1/Bag	BI	50	50
230-0206201	1-1/2" w/ PVC Trap Adapter & Soft Washers, White, 1/Bag	BI	50	50
230-0316101	1-1/2" w/ ABS Trap Adapter & Poly Washers, Black, 1/Bag	BI	50	50
230-0316201	1-1/2" w/ ABS Trap Adapter & Soft Washers, Black, 1/Bag	BI	50	50
	WITH THREADED ADAPTER & DEEP ESCUTCHEON			
230-0226301	1-1/2" PVC Trap Adapter, Deep Escutcheon & Poly Washers, Chromed ABS, 1/Bag	BI	25	25
	WITH SOLVENT WELD ADAPTER			
230-0406101	1-1/2" w/ PVC Solvent Weld Trap Adapter, PVC Wall Bend & Poly Washers, White, 1/Bag	BI	50	50
230-0406201	1-1/2" w/ PVC Solvent Weld Trap Adapter, PVC Wall Bend & Soft Washers, White, 1/Bag	BI	50	50
230-0516150	1-1/2" w/ ABS Solvent Weld Trap Adapter, ABS Wall Bend & Poly Washers, Black 1/Bag	BI	50	50

230-0105101

230-0206101

230-0226301

230-0406101

P-Traps

Reversible

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH THREADED ADAPTER			
230-0706101	1-1/2" w/ PVC Trap Adapter & Poly Washers, White, 1/Bag	BI	50	50
230-0706201	1-1/2" w/ PVC Trap Adapter & Soft Washers, White, 1/Bag	BI	50	50
230-0716101	1-1/2" w/ ABS Trap Adapter & Poly Washers, Black, 1/Bag	BI	50	50
230-0716201	1-1/2" w/ ABS Trap Adapter & Soft Washers, Black, 1/Bag	BI	50	50
230-0806101	1-1/2" w/ ABS Trap Adapter & Poly Washers, White, 1/Bag	BI	50	50
230-0806201	1-1/2" w/ ABS Trap Adapter & Soft Washers, White, 1/Bag	BI	50	50
	WITH THREADED ADAPTER & DEEP ESCUTCHEON			
230-0706401	1-1/2" w/ PVC Trap Adapter, Soft Washer & Deep Poly Escutcheon White, 1/Bag	BI	50	50

230-0706101

230-0706401

P-Traps

Repair

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
230-0908101	1-1/2" w/ Poly Washers, White, 1/Bag	BI	12	12

230-0908101

230-1005101

230-1106101

230-1106301

S-Traps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LESS ADAPTER			
230-1005101	1-1/4" w/ Poly Washers, White, 1/Bag	BI	10	10
230-1005201	1-1/4" w/ Soft Washers, White, 1/Bag	BI	10	10
230-1015101	1-1/4" w/ Poly Washers, Black, 1/Bag	BI	10	10
230-106101	1-1/2" w/ Poly Washers, White, 1/Bag	BI	10	10
	WITH THREADED ADAPTER			
230-1106101	1-1/2" w/ PVC Trap Adapter & Poly Washers, White, 1/Bag	BI	10	10
230-1106201	1-1/2" w/ PVC Trap Adapter & Soft Washers, White, 1/Bag	BI	10	10
230-1116101	1-1/2" w/ ABS Trap Adapter & Poly Washers, Black, 1/Bag	BI	10	10
	WITH THREADED ADAPTER & DEEP ESCUTCHEON			
230-1106301	1-1/2" w/ PVC Trap Adapter, Deep Poly Escutcheon & Poly Washers, White, 1/Bag	BI	10	10

230-170607101

Trap Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	J-BEND			
230-1505101	1-1/4" w/ Poly Washers, White, 1/Bag	BI	12	12
230-1506101	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25
230-1516101	1-1/2" w/ Poly Washers, Black, 1/Bag	BI	25	25
	SINK TRAP J-BEND			
230-1606101	1-1/2" w/ Poly Washers, White, 1/Bag	BI	12	12
230-1616101	1-1/2" w/ Poly Washers, Black, 1/Bag	BI	12	12
	WALL BEND			
230-170607101	1-1/2" × 7", White, 1/Bag	BI	25	25

End Outlets

Telescoping

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ALL-PURPOSE			
230-170616101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-170616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-171616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-180616101	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Poly Washers, White, 1/Bag	BI	25	25
230-180616201	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Soft Washers, White, 1/Bag	BI	25	25
230-181616101	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Poly Washers, Black, 1/Bag	BI	25	25
230-190616101	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Poly Washers, White, 1/Bag	BI	25	25
230-190616201	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Soft Washers, White, 1/Bag	BI	25	25
230-191616101	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Poly Washers, Black, 1/Bag	BI	25	25
	SLIP JOINT			
230-200616101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-200616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-201616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-210616101	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Poly Washers, White, 1/Bag	BI	25	25
230-210616201	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Soft Washers, White, 1/Bag	BI	25	25
230-220616101	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Poly Washers, White, 1/Bag	BI	10	10
230-220616201	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Soft Washers, White, 1/Bag	BI	25	25
	DIRECT CONNECT			
230-230616101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-230616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-231616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-240616101	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Poly Washers, White, 1/Bag	BI	25	25
230-240616201	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Soft Washers, White, 1/Bag	BI	25	25
230-241616101	1-1/2" × 16" w/ 1/2" Dishwasher Branch & Poly Washers, Black, 1/Bag	BI	25	25
230-250616101	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Poly Washers, White, 1/Bag	BI	25	25
230-250616201	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Soft Washers, White, 1/Bag	BI	25	25
230-251616101	1-1/2" × 16" w/ 3/4" Dishwasher Branch & Poly Washers, Black, 1/Bag	BI	25	25

230-170616101

230-181616101

230-200616101

230-240616201

End Outlets

Non-Telescoping

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ALL-PURPOSE			
230-2606101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	20	20
230-2606201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	20	20
230-261616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25

230-2606101

230-270616101

230-280616101

End Outlets (Cont)

Non-Telescoping

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP JOINT			
230-270616101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-270616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-270621101	1-1/2" × 21" w/ Poly Washers, White, 1/Bag	BI	25	25
230-270625101	1-1/2" × 25" w/ Poly Washers, White, 1/Bag	BI	25	25
230-271616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-271616201	1-1/2" × 16" w/ Soft Washers, Black, 1/Bag	BI	25	25
230-271621101	1-1/2" × 21" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-271625101	1-1/2" × 25" w/ Poly Washers, Black, 1/Bag	BI	25	25
	DIRECT CONNECT			
230-280616101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-280616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-281616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25

230-2906101

230-300616101

230-310616101

Center Outlets

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ALL-PURPOSE			
230-2906101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	10	10
230-290616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-291616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
	SLIP JOINT			
230-300616101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-300616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-300621101	1-1/2" × 21" w/ Poly Washers, White, 1/Bag	BI	25	25
230-300625101	1-1/2" × 25" w/ Poly Washers, White, 1/Bag	BI	25	25
230-301616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-301621101	1-1/2" × 21" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-301625101	1-1/2" × 25" w/ Poly Washers, Black, 1/Bag	BI	25	25
	DIRECT CONNECT			
230-310616101	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-310616201	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-311616101	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25

Disposer Waste

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DIRECT CONNECT - TELESCOPING			
230-320616101	1-1/2" × 16" w/ Poly Washers & ISE® Gasket, White, 1/Bag	BI	25	25
230-320616201	1-1/2" × 16" w/ Soft Washers & ISE® Gasket, White, 1/Bag	BI	25	25
230-321616101	1-1/2" × 16" w/ Poly Washers & ISE® Gasket, Black, 1/Bag	BI	25	25
	DIRECT CONNECT - NON-TELESCOPING			
230-330616101	1-1/2" × 16" w/ Poly Washers & ISE® Gasket, White, 1/Bag	BI	25	25
230-330616201	1-1/2" × 16" w/ Soft Washers & ISE® Gasket, White, 1/Bag	BI	25	25
230-331616101	1-1/2" × 16" w/ Poly Washers & ISE® Gasket, Black, 1/Bag	BI	25	25

230-320616101

230-330616101

Sink Tailpieces

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLANGED			
230-40060125	1-1/2" × 1-1/4", White	BI	25	25
230-40060450	1-1/2" × 4", White	BI	50	50
230-40060650	1-1/2" × 6", White	BI	50	50
230-40060825	1-1/2" × 8", White	BI	25	25
230-40061225	1-1/2" × 12", White	BI	25	25
230-40160450	1-1/2" × 4", Black	BI	50	50
230-40160650	1-1/2" × 6", Black	BI	50	50
230-40160825	1-1/2" × 8", Black	BI	25	25
230-40161225	1-1/2" × 12", Black	BI	25	25
	DOUBLE FLANGED			
230-41061625	1-1/2" × 16" , White	BI	25	25
230-41161625	1-1/2" × 16" , Black	BI	25	25

230-40060450

Sink Tailpiece/Extension

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLANGE × SLIP JOINT			
230-44061625	1-1/2" × 16" w/ Soft Washer, White, 1/Bag	BI	25	25

230-44061625

230-450506132

230-460516125

230-47050650

Extensions

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP EXTENSION			
230-450506132	1-1/4" × 6" w/ Poly Washer, White, 1/Bag	BI	32	32
230-450506232	1-1/4" × 6" w/ Soft Washer, White, 1/Bag	BI	32	32
230-450508125	1-1/4" × 8" w/ Poly Washer, White, 1/Bag	BI	25	25
230-450508225	1-1/4" × 8" w/ Soft Washer, White, 1/Bag	BI	25	25
230-450512116	1-1/4" × 12" w/ Poly Washer, White, 1/Bag	BI	16	16
230-450512216	1-1/4" × 12" w/ Soft Washer, White, 1/Bag	BI	16	16
230-450606132	1-1/2" × 6" w/ Poly Washer, White, 1/Bag	BI	32	32
230-450606232	1-1/2" × 6" w/ Soft Washer, White, 1/Bag	BI	32	32
230-450608116	1-1/2" × 8" w/ Poly Washer, White, 1/Bag	BI	16	16
230-450608216	1-1/2" × 8" w/ Soft Washer, White, 1/Bag	BI	16	16
230-450612116	1-1/2" × 12" w/ Poly Washer, White, 1/Bag	BI	16	16
230-450612216	1-1/2" × 12" w/ Soft Washer, White, 1/Bag	BI	16	16
230-451506132	1-1/4" × 6" w/ Poly Washer, Black, 1/Bag	BI	32	32
230-451606132	1-1/2" × 6" w/ Poly Washer, Black, 1/Bag	BI	32	32
230-451608116	1-1/2" × 8" w/ Poly Washer, Black, 1/Bag	BI	16	16
230-451608216	1-1/2" × 8" w/ Soft Washer, Black, 1/Bag	BI	16	16
230-451612116	1-1/2" × 12" w/ Poly Washer, Black, 1/Bag	BI	16	16
	DOUBLE SLIP EXTENSION			
230-460516125	1-1/4" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-460516225	1-1/4" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-460616125	1-1/2" × 16" w/ Poly Washers, White, 1/Bag	BI	25	25
230-460616225	1-1/2" × 16" w/ Soft Washers, White, 1/Bag	BI	25	25
230-461516125	1-1/4" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-461616125	1-1/2" × 16" w/ Poly Washers, Black, 1/Bag	BI	25	25
230-461616225	1-1/2" × 16" w/ Soft Washers, Black, 1/Bag	BI	25	25
	SOLVENT WELD EXTENSION			
230-47050650	1-1/4" × 6", PVC	BI	50	50
230-47050825	1-1/4" × 8", PVC	BI	25	25
230-47051225	1-1/4" × 12", PVC	BI	25	25
230-47060825	1-1/2" × 8", PVC	BI	25	25
230-47061225	1-1/2" × 12", PVC	BI	25	25
230-47150850	1-1/4" × 8", ABS	BI	50	50
230-47160625	1-1/2" × 6", ABS	BI	25	25
230-47161225	1-1/2" × 12", ABS	BI	25	25
	DOUBLE SOLVENT WELD EXTENSION			
230-48061625	1-1/2" × 16" , PVC	BI	25	25

230-57060825

Dishwasher Tailpieces

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ALL-PURPOSE			
230-57060825	1-1/2" × 8" × 1/2" Branch w/ Poly Washers, White, 1/Bag	BI	25	25
230-58060825	1-1/2" × 8" × 3/4" Branch w/ Poly Washers, White, 1/Bag	BI	25	25

Dishwasher Tailpieces (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP JOINT			
230-530608225	1-1/2" × 8" × 1/2" Branch w/ Soft Washer, White, 1/Bag	BI	25	25
230-53060825	1-1/2" × 8" × 1/2" Branch w/ Poly Washer, White, 1/Bag	BI	25	25
230-53160825	1-1/2" × 8" × 1/2" Branch w/ Poly Washer, Black, 1/Bag	BI	25	25
230-550608225	1-1/2" × 8" × 3/4" Branch w/ Soft Washer,White, 1/Bag	BI	25	25
230-55060825	1-1/2" × 8" × 3/4" Branch w/ Poly Washer, White, 1/Bag	BI	25	25
230-55160825	1-1/2" × 8" × 3/4" Branch w/ Poly Washer, Black, 1/Bag	BI	25	25
	DIRECT CONNECT			
230-54060825	1-1/2" × 8" × 1/2" Branch w/ Poly Washer, White, 1/Bag	BI	25	25
230-54160825	1-1/2" × 8" × 1/2" Branch w/ Poly Washer, Black, 1/Bag	BI	25	25
230-56060825	1-1/2" × 8" × 3/4" Branch w/ Poly Washer, White, 1/Bag	BI	25	25
230-56160825	1-1/2" × 8" × 3/4" Branch w/ Poly Washer, Black, 1/Bag	BI	25	25

230-53060825

230-54060825

Waste Arms

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP JOINT			
230-600607101	1-1/2" × 7" w/ Poly Washer, White, 1/Bag	BI	25	25
230-600609125	1-1/2" × 9-1/2" w/ Poly Washer, White, 1/Bag	BI	25	25
230-600611125	1-1/2" × 11-1/2" w/ Poly Washer, White, 1/Bag	BI	25	25
230-600615125	1-1/2" × 15" w/ Poly Washer, White, 1/Bag	BI	25	25
230-600624125	1-1/2" × 24" w/ Poly Washer, White, 1/Bag	BI	25	25
230-60160725	1-1/2" × 7" w/ Poly Washer, Black, 1/Bag	BI	25	25
230-60160925	1-1/2" × 9-1/2" w/ Poly Washer, Black, 1/Bag	BI	25	25
230-601611125	1-1/2" × 11-1/2" w/ Poly Washer, Black, 1/Bag	BI	25	25
230-601615125	1-1/2" × 15" w/ Poly Washer, Black, 1/Bag	BI	25	25
	DIRECT CONNECT			
230-61060725	1-1/2" × 7" w/ Poly Washer, White, 1/Bag	BI	25	25
230-61060925	1-1/2" × 9-1/2" w/ Poly Washer, White, 1/Bag	BI	25	25
230-61061225	1-1/2" × 11-1/2" w/ Poly Washer, White, 1/Bag	BI	25	25
230-61061525	1-1/2" × 15" w/ Poly Washer, White, 1/Bag	BI	25	25
230-61160725	1-1/2" × 7" w/ Poly Washer, Black, 1/Bag	BI	25	25
230-61160925	1-1/2" × 9-1/2" w/ Poly Washer, Black, 1/Bag	BI	25	25
230-61161125	1-1/2" × 11-1/2" w/ Poly Washer, Black, 1/Bag	BI	25	25
230-61161525	1-1/2" × 15" w/ Poly Washer, Black, 1/Bag	BI	25	25

230-600607101

230-61060725

230-8006125

230-8206125

230-8506101

230-860625

230-9006101

230-9506GT

Tubular Fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COUPLINGS			
230-8006125	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25
230-8016125	1-1/2" w/ Poly Washers, Black, 1/Bag	BI	25	25
	ELBOWS			
230-8206125	1-1/2" 90 Degree Elbow w/ Poly Washers, White, 1/Bag	BI	25	25
230-8216125	1-1/2" 90 Degree Elbow w/ Poly Washers, Black, 1/Bag	BI	25	25
230-8406101	1-1/2" 45 Degree Elbow w/ Poly Washers, White, 1/Bag	BI	25	25
	TEE SLIP JOINT			
230-8506101	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25
230-8516101	1-1/2" w/ Poly Washers, Black, 1/Bag	BI	25	25
	TEE - CENTER OUTLET SLIP JOINT			
230-860625	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25
230-861625	1-1/2" w/ Poly Washers, Black, 1/Bag	BI	25	25
	TEE - END OUTLET SLIP JOINT			
230-8706125	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25
230-8716125	1-1/2" w/ Poly Washers, Black, 1/Bag	BI	25	25
	TEE - END OUTLET DIRECT CONNECT			
230-8806125	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25
230-8816125	1-1/2" w/ Poly Washers, Black, 1/Bag	BI	25	25
	DOUBLE OFFSET			
230-9006101	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25
	THREADED TRAP ADAPTER			
230-9506101	PVC 1-1/2" Sch. 40 Hub w/ Nut & Poly Washer, White, 1/Bag	BI	25	25
230-9506GT	PVC 1-1/2 Hub Trap Adapter w/ GripTip Test Nut	B	25	25
230-9506SGT	PVC 1-1/2 Spigot Trap Adapter w/ GripTip Test Nut	B	25	25
230-9516101	ABS 1-1/2" Sch. 40 Hub w/ Nut & Poly Washer, Black, 1/Bag	BI	25	25
988-6GT	1-1/2" Trap Adapter Nut w/ GripTip	B	25	25

Flexible Fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	J-BEND			
231-1506101	1-1/2" Or 1-1/4" w/ Poly Washers, White, 1/Bag	BI	25	25
	FLANGED TAILPIECE			
231-4006101	1-1/2", White, 1/Bag	BI	15	15
	SLIP EXTENSION			
231-4505101	1-1/4" w/ Poly Washer, White, 1/Bag	BI	15	15
231-4506101	1-1/2" w/ Poly Washer, White, 1/Bag	BI	15	15
	COUPLING			
231-4606101	1-1/2" w/ Poly Washers, White, 1/Bag	BI	25	25

231-1506101

231-4006101

231-4606101

Plastic Tubular Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP NUTS			
988-5000	1-1/4" , White	B	100	1000
988-5100	1-1/4" , Black	B	100	1000
988-6	1-1/2" , White	B	100	1000
988-6100	1-1/2" , Black	B	100	1000
	FLANGED TAILPIECE WASHERS			
991-6	1-1/2" Polyethylene	B	100	1000
991-6S	1-1/2" Red, Soft TPV	B	100	1000
	BEVELED SLIP JOINT WASHERS			
996-500	1-1/4" Polyethylene	B	100	1000
996-5PK3		BI	1	10
996-5S	1-1/4" Red, Soft TPV	B	100	1000
996-6	1-1/2" Polyethylene	B	100	1000
996-6PK3		BI	1	10
996-6S	1-1/2" Red, Soft TPV	B	100	1000
	BEVELED SLIP JOINT WASHERS			
996-500	1-1/4" Polyethylene	B	100	1000
996-5PK3		BI	1	10
996-5S	1-1/4" Red, Soft TPV	B	100	1000
996-6	1-1/2" Polyethylene	B	100	1000
996-6PK3		BI	1	10
996-6S	1-1/2" Red, Soft TPV	B	100	1000

988-5000

991-6

996-500

996-500

996-8S

290-20180

988-6GT

Plastic Tubular Accessories (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	REDUCING WASHERS			
996-8	1-1/2" × 1-1/4" Polyethylene	B	100	1000
996-8S	1-1/2" × 1-1/4" Red, Soft TPV	B	100	1000
	DISPOSAL WASHER			
290-20180	Replacement In-Sink-Erator Disposal Elbow Gasket Only	B	5	25
	TUBULAR TEST NUT			
988-6GT	1-1/2" Trap Adapter Nut w/ GripTip	B	25	25
	TRAP ADAPTER TEST PLUG			
234-QP	1-1/2" Trap Adapter Test Plug	B	25	100
234-QP2	1-1/4" Trap Adapter Test Plug	B	25	100

Plastic Tubular Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
996-500	1-1/4" Polyethylene	B	100	1000
996-5PK3		BI	1	10
996-5S	1-1/4" Red, Soft TPV	B	100	1000
996-6	1-1/2" Polyethylene	B	100	1000
996-6PK3		BI	1	10
996-6S	1-1/2" Red, Soft TPV	B	100	1000

Metal Tubular

P-Traps

S-Traps

Trap Accessories

End Outlets

Center Outlets

Disposer Wastes

Sink Tailpieces
& Extensions

Branch Tailpieces

Waste Arms

Threaded Tube

Tubular Fittings

Tubular Accessories

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P-Traps

Shallow Escutcheon

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH SHALLOW ESCUTCHEON			
240-0151C04	1-1/4" 22ga, Chrome, 1/Box	BI	1	25
240-015212C04	1-1/4" w/ 12" Wall Tube, 20ga, Chrome, 1/Box	BI	1	25
240-0152C04	1-1/4", 20ga, Chrome, 1/Box	BI	1	25
240-015312C04	1-1/4" w/ 12" Wall Tube, 17ga, Chrome, 1/Box	BI	1	25
240-01531C04	1-1/4" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0153C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	25
240-0161C04	1-1/2", 22ga, Chrome, 1/Box	BI	1	25
240-016215C04	1-1/2" w/ 12" Wall Tube, 20ga, Chrome, 1/Box	BI	1	25
240-01621C04	1-1/2" w/ Brass Nuts, 20ga, Chrome, 1/Box	BI	1	25
240-0162C04	1-1/2", 20ga, Chrome, 1/Box	BI	1	25
240-0163121C04	1-1/2" w/ 12" Wall Tube & Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-016312C04	1-1/2" w/ 12" Wall Tube, 17ga, Chrome, 1/Box	BI	1	25
240-01631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0163C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	25
	WITH CLEANOUT & SHALLOW ESCUTCHEON			
240-0452C04	1-1/4", 20ga, Chrome, 1/Box	BI	1	25
240-0453C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	25
240-0454C04	1-1/4" w/ Cast Body, 17ga, Chrome, 1/Box	BI	1	25
240-04571C04	1-1/4" w/ Cast Body & Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0462C04	1-1/2", 20ga, Chrome, 1/Box	BI	1	25
240-04631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0463C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	25
240-0464C04	1-1/2" w/ Cast Body, 17ga, Chrome, 1/Box	BI	1	25
240-0467C04	1-1/2" w/ Cast Body & Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0487C04	1-1/2" × 1-1/4" w/ Cast Body, 17ga, Chrome, 1/Box	BI	1	25
	LOW-INLET WITH SHALLOW ESCUTCHEON			
240-01539C04	1-1/4" Low Inlet, 17ga, Chrome, 1/Box	BI	1	25
240-01639C04	1-1/2" Low Inlet, 17ga Chrome, 1/Box	BI	1	25
	CHOKE NECK WITH SHALLOW ESCUTCHEON			
240-01831C04	1-1/2" × 1-1/4" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
	GROUND JOINT WITH SHALLOW ESCUTCHEON			
240-06631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25

240-0151C04

240-0452C04

240-01539C04

240-01831C04

240-06631C04

240-0252C04

240-0553C04

P-Traps

Deep Bell Escutcheon

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH DEEP BELL ESCUTCHEON			
240-0252C04	1-1/4", 20ga, Chrome, 1/Box	BI	1	25
240-025315C04	1-1/4" w/ 12" Wall Tube, 17ga, Chrome, 1/Box	BI	1	25
240-02531C04	1-1/4" w/ Brass Nuts , 17ga, Chrome, 1/Box	BI	1	25
240-0253C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	25
240-0262C04	1-1/2", 20ga, Chrome, 1/Box	BI	1	25
240-026312C04	1-1/2" w/ 12" Wall Tube, 17ga, Chrome, 1/Box	BI	1	25
240-02631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0263C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	25
	WITH CLEANOUT & DEEP BELL ESCUTCHEON			
240-0553C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	25
240-05541C04	1-1/4" w/ Cast Body & Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0563C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	25
240-0564C04	1-1/2" w/ Cast Body, 17ga, Chrome, 1/Box	BI	1	25

240-03531C04

240-05B531C04

P-Traps

Deep Box Escutcheon

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH DEEP BOX ESCUTCHEON			
240-03531C04	1-1/4" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0353C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	25
240-03631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-0363C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	25
	WITH CLEANOUT & DEEP BOX ESCUTCHEON			
240-05B531C04	1-1/4" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
240-05B631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25

240-0161R104

P-Traps

Rough Brass

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
240-0161R104	1-1/2", 22ga, Rough Brass, 1/Box	BI	1	25
240-0162R104	1-1/2", 20ga, Rough Brass, 1/Box	BI	1	25
240-0163R104	1-1/2", 17ga, Rough Brass, 1/Box	BI	1	25

P-Traps

Regulation

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	REGULATION P-TRAPS			
240-08648R104	L.A. Trap, 1-1/2" Slip Joint × 1-1/2" FIP, Cast Brass, Rough Brass, 1/Box	BI	1	5
240-08688R104	L.A. Trap, 1-1/2" Slip Joint × 1-1/2" Sweat, Cast Brass, Rough Brass, 1/Box	BI	1	5
240-08948R104	L.A. Trap, 1-1/2" Slip Joint × 2" FIP, Cast Brass, Rough Brass, 1/Box	BI	1	5
	WITH CLEANOUT			
240-09648R104	L.A. Trap, 1-1/2" Slip Joint × 1-1/2" FIP, Cast Brass, Rough Brass, 1/Box	BI	1	5
240-09848C04	L.A. Trap, 1-1/4" Slip Joint × 1-1/2" FIP, Cast Brass, Chrome, 1/Box	BI	1	5
240-09947R104	N.Y. Trap 1-1/2" Slip Joint × 2" FIP, Cast Brass, Rough Brass, 1/Box	BI	1	5
240-09988R104	L.A. Trap , 1-1/2" Slip Joint × 2" FSWT, Cast Brass, Rough Brass, 1/Box	BI	1	5

240-08648R104

240-09847R104

P-Traps

Utility Traps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH CLEANOUT			
240-20825C04	Milwaukee Trap , 1-1/4" Slip Joint × 1-/2" MIP, 20ga, Chrome, 1/Box	BI	1	25
240-20835C04	Milwaukee Trap, 1-1/4" Slip Joint × 1-/2" MIP, 17ga, Chrome, 1/Box	BI	1	25

240-20825C04

P-Traps

Repair P-Trap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
240-1052C04	1-1/4", 20ga, Chrome, 1/Box	BI	1	25
240-1062C04	1-1/2", 20ga, Chrome, 1/Box	BI	1	25

240-1052C04

S-Traps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH SHALLOW ESCUTCHEON			
240-1151C04	1-1/4", 22ga, Chrome, 1/Box	BI	1	12
240-1152C04	1-1/4", 20ga, Chrome, 1/Box	BI	1	12
240-1153C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	12
240-1161C04	1-1/2", 22ga, Chrome, 1/Box	BI	1	12
240-1162C04	1-1/2", 20ga, Chrome, 1/Box	BI	1	12
240-1163C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	12

240-1151C04

240-1453C04

240-12531C04

240-13531C04

240-1861C04

S-Traps (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH CLEANOUT & SHALLOW ESCUTCHEON			
240-1453C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	12
240-1463C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	12
	DEEP BELL ESCUTCHEON			
240-12531C04	1-1/4" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	12
240-12631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	12
	DEEP BOX ESCUTCHEON			
240-1352C04	1-1/4", 20ga, Chrome, 1/Box	BI	1	12
240-13531C04	1-1/4" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	12
240-1353C04	1-1/4", 17ga, Chrome, 1/Box	BI	1	12
240-1362C04	1-1/2", 20ga, Chrome, 1/Box	BI	1	12
240-13631C04	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	12
	WASHING MACHINE TRAPS			
240-1861C04	1-1/2" x 1-1/2" FIP, 22ga, Chrome, 1/Box	BI	1	12

240-1563C04

240-2163C04

Trap Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	J-BENDS FOR P-TRAPS & S-TRAPS			
240-1563C04	1-1/2", 17ga, Chrome, 1/Box	BI	1	25
	LOW-INLET J-BENDS			
240-2163C04	1-1/2" Low-Inlet, 17ga, Chrome, 1/Box	BI	1	25

End Outlets

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP JOINT			
240-276116C04	1-1/2" × 16", 22ga, Chrome, 1/Box	BI	1	25
240-276121C04	1-1/2" × 21", 22ga, Chrome, 1/Box	BI	1	25
240-276216C04	1-1/2" × 16", 20ga, Chrome, 1/Box	BI	1	25
240-276221C04	1-1/2" × 21", 20ga, Chrome, 1/Box	BI	1	25
240-276316C04	1-1/2" × 16", 17ga, Chrome, 1/Box	BI	1	25
240-276321C04	1-1/2" × 21", 17ga, Chrome, 1/Box	BI	1	25
	DIRECT CONNECT			
240-286116C04	1-1/2" × 16", 22ga, Chrome, 1/Box	BI	1	25
240-286216C04	1-1/2" × 16", 20ga, Chrome, 1/Box	BI	1	25
240-2863161C04	1-1/2" × 16" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25

240-276116C04

240-286116C04

Center Outlets

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP JOINT			
240-306116C04	1-1/2" × 16", 22ga, Chrome, 1/Box	BI	1	25
240-306121C04	1-1/2" × 21", 22ga, Chrome, 1/Box	BI	1	25
240-3062161C04	1-1/2" × 21", 20ga, Chrome, 1/Box	BI	1	25
240-306216C04	1-1/2" × 16", 20ga, Chrome, 1/Box	BI	1	25
240-3063161C04	1-1/2" × 16" w/ Brass Nuts, 17ga, Chrome, 1/Box	BI	1	25
	DIRECT CONNECT			
240-316116C04	1-1/2" × 16", 22ga, Chrome, 1/Box	BI	1	25
240-316216C04	1-1/2" × 16", 20ga, Chrome, 1/Box	BI	1	25
240-316316C04	1-1/2" × 16", 17ga, Chrome, 1/Box	BI	1	25

240-306116C04

240-316116C04

Disposer Waste

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
240-336213C04	1-1/2" × 13", 20ga, w/ ISE® Gasket, Chrome, 1/Box	BI	1	25
240-336313C04	1-1/2" × 13", 17ga, w/ ISE® Gasket, Chrome, 1/Box	BI	1	25

240-336213C04

Sink Tailpieces

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	REDUCING FLANGED			
240-405104C50	1-1/2" × 1-1/4" × 4", 22ga, Chrome, 1/Bag	BI	1	50
240-405106C50	1-1/2" × 1-1/4" × 6", 22ga, Chrome, 1/Bag	BI	1	50
240-405108C25	1-1/2" × 1-1/4" × 8", 22ga, Chrome, 1/Bag	BI	1	25
240-405112C25	1-1/2" × 1-1/4" × 12", 22ga, Chrome, 1/Bag	BI	1	25

240-405104C50

240-406104C50

240-416116C25

Sink Tailpieces (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SINGLE FLANGED			
240-406104C50	1-1/2" × 4", 22ga, Chrome, 1/Bag	BI	1	50
240-406106C50	1-1/2" × 6", 22ga, Chrome, 1/Bag	BI	1	50
240-406106R150	1-1/2" × 6", 22ga, Rough Brass, 1/Bag	BI	1	50
240-406108C25	1-1/2" × 8", 22ga, Chrome, 1/Bag	BI	1	25
240-406112C25	1-1/2" × 12", 22ga, Chrome, 1/Bag	BI	1	25
240-406112R125	1-1/2" × 12", 22ga, Rough Brass, 1/Bag	BI	1	25
240-406124R125	1-1/2" × 24", 22ga, Rough Brass, 1/Bag	BI	1	25
240-406204C50	1-1/2" × 4", 20ga, Chrome, 1/Bag	BI	1	50
240-406206C50	1-1/2" × 6", 20ga, Chrome, 1/Bag	BI	1	50
240-406208C25	1-1/2" × 8", 20ga, Chrome, 1/Bag	BI	1	25
240-406212C25	1-1/2" × 12", 20ga, Chrome, 1/Bag	BI	1	25
240-406212R125	1-1/2" × 12", 20ga, Rough Brass, 1/Bag	BI	1	25
240-406306C50	1-1/2" × 6", 17ga, Chrome, 1/Bag	BI	1	50
240-406308C25	1-1/2" × 8", 17ga, Chrome, 1/Bag	BI	1	25
240-406308R125	1-1/2" × 8", 17ga, Rough Brass, 1/Bag	BI	1	25
240-406312C25	1-1/2" × 12", 17ga, Chrome, 1/Bag	BI	1	25
	DOUBLE FLANGED			
240-416116C25	1-1/2" × 16", 22ga, Chrome, 1/Bag	BI	1	25
240-416216C25	1-1/2" × 16", 20ga, Chrome, 1/Bag	BI	1	25
240-416316C25	1-1/2" × 16", 17ga, Chrome, 1/Bag	BI	1	25

240-455106C32

Extensions

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP			
240-455106C32	1-1/4" × 6", 22ga, Chrome, 1/Bag	BI	1	32
240-455108C16	1-1/4" × 8", 22ga, Chrome, 1/Bag	BI	1	16
240-455112C16	1-1/4" × 12", 22ga, Chrome, 1/Bag	BI	1	16
240-455112R116	1-1/4" × 12", 22ga, Rough Brass, 1/Bag	BI	1	16
240-455206C32	1-1/4" × 6", 20ga, Chrome, 1/Bag	BI	1	32
240-455208C16	1-1/4" × 8", 20ga, Chrome, 1/Bag	BI	1	16
240-455212C16	1-1/4" × 12", 20ga, Chrome, 1/Bag	BI	1	16
240-455306C32	1-1/4" × 6", 17ga, Chrome, 1/Bag	BI	1	32
240-455308C16	1-1/4" × 8", 17ga, Chrome, 1/Bag	BI	1	16
240-455312C16	1-1/4" × 12", 17ga, Chrome, 1/Bag	BI	1	16
240-456106C32	1-1/2" × 6", 22ga, Chrome, 1/Bag	BI	1	32
240-456108C16	1-1/2" × 8", 22ga, Chrome, 1/Bag	BI	1	16
240-4561106C32	1-1/2" × 6" w/ Brass Nuts, 22ga, Chrome, 1/Bag	BI	1	32
240-4561112C16	1-1/2" × 12" w/ Brass Nuts, 22ga, Chrome, 1/Bag	BI	1	16
240-456112C16	1-1/2" × 12", 22ga, Chrome, 1/Bag	BI	1	16
240-456112R106	1-1/2" × 12", 22ga, Rough Brass, 1/Bag	BI	1	16
240-456206C16	1-1/2" × 6", 20ga, Chrome, 1/Bag	BI	1	16
240-456208C16	1-1/2" × 8", 20ga, Chrome, 1/Bag	BI	1	16
240-456212C16	1-1/2" × 12", 20ga, Chrome, 1/Bag	BI	1	16
240-456306C32	1-1/2" × 6", 17ga, Chrome, 1/Bag	BI	1	32
240-456308C16	1-1/2" × 8", 17ga, Chrome, 1/Bag	BI	1	16
240-4563121C16	1-1/2" × 12" w/ Brass Nuts, 17ga, Chrome, 1/Bag	BI	1	16
240-4563121R116	1-1/2" × 12" w/ Brass Nuts, 17ga, Rough Brass, 1/Bag	BI	1	16
240-456312C16	1-1/2" × 12", 17ga, Chrome, 1/Bag	BI	1	16

Extensions (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DOUBLE SLIP			
240-465115C16	1-1/4" × 16", 22ga, Chrome, 1/Bag	BI	1	16
240-466116C16	1-1/2" × 16",22ga, Chrome, 1/Bag	BI	1	16
240-466216C16	1-1/2" × 16",20ga, Chrome, 1/Bag	BI	1	16
	SOLDER JOINT			
240-475106C50	1-1/4" FSWT × 6", 22ga, Chrome, 1/Bag	BI	1	50
240-475108C25	1-1/4" FSWT × 8", 22ga, Chrome, 1/Bag	BI	1	25
240-475112C25	1-1/4" FSWT × 12", 22ga, Chrome, 1/Bag	BI	1	25
240-476106C01	1-1/2" FSWT × 6", 22ga, Chrome, 1/Bag	BI	1	25
240-476108C25	1-1/2" FSWT × 8", 22ga, Chrome, 1/Bag	BI	1	25
240-476112C25	1-1/2" FSWT × 12", 22ga, Chrome, 1/Bag	BI	1	25
240-476212C25	1-1/2" FSWT × 12", 20ga, Chrome, 1/Bag	BI	1	25

240-465115C16

240-475106C50

Branch Tailpieces

LongBranch™ Dishwasher Tailpieces

Related Products

Trap-Ease™ Primer Tailpiece p 148

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DOMESTIC - 1/2" DIRECT CONNECT			
200-062	1-1/2" × 6" × 1/2" Branch w/ Die Cast Zinc Nut, 22ga, Rough Brass	B	25	25
200-064	1-1/2" × 6" × 1/2" Branch w/ Solid Brass Nut, 22ga, Rough Brass	B	25	25
200-066	1-1/2" × 6" × 1/2" Branch w/ Solid Brass Nut, 22ga, Chrome	B	25	25
200-082	1-1/2" × 8" × 1/2" Branch w/ Die Cast Zinc Nut, 22ga, Rough Brass	B	25	25
200-084	1-1/2" × 8" × 1/2" Branch w/ Solid Brass Nut, 22ga, Rough Brass	B	25	25
200-122	1-1/2" × 12" × 1/2" Branch w/ Die Cast Zinc Nut, 22ga, Rough Brass	B	25	25
200-124	1-1/2" × 12" × 1/2" Branch w/ Solid Brass Nut, 22ga, Domestic, Rough Brass	B	25	25
	DOMESTIC - 1/2" SLIP JOINT			
206-064	1-1/2" × 6" × 1/2" Branch w/ Solid Brass Nut, 22ga, Rough Brass	B	25	25
206-066	1-1/2" × 6" × 1/2" Branch w/ Solid Brass Nut, 22ga, Chrome	B	25	25
206-084	1-1/2" × 8" × 1/2" Branch w/ Solid Brass Nut, 22ga, Rough Brass	B	25	25

200-064

206-066

210-064

216-086

210-38625

200-12225

Branch Tailpieces

Dishwasher

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DOMESTIC - DIRECT CONNECT			
210-064	1-1/2" × 6" × 3/4" Branch w/ Solid Brass Nut, 22ga, Rough Brass	B	25	25
210-066	1-1/2" × 6" × 3/4" Branch w/ Solid Brass Nut, 22ga, Chrome	B	25	25
210-084	1-1/2" × 8" × 3/4" Branch w/ Solid Brass Nut, 22ga, Rough Brass	B	25	25
210-086	1-1/2" × 8" × 3/4" Branch w/ Solid Brass Nut, 22ga, Chrome	B	25	25
210-122	1-1/2" × 12" × 3/4" Branch w/ Die Cast Zinc Nut, 22ga, Rough Brass	B	25	25
	DOMESTIC - SLIP JOINT			
216-084	1-1/2" × 8" × 3/4" Branch w/ Solid Brass Nut, 22ga, Rough Brass	B	25	25
216-086	1-1/2" × 8" × 3/4" Branch w/ Solid Brass Nut, 22ga, Chrome	B	25	25
	IMPORT - DIRECT CONNECT			
207-06325	1-1/2" × 6" × 1/2" Branch w/ Brass Nut, 22ga, Chrome, 1/Bag	B	25	25
207-08325	1-1/2" × 8" × 1/2" Branch w/ Die Cast Zinc Nut, 22ga, Chrome, 1/Bag	B	25	25
207-12425	1-1/2" × 12" × 1/2" Branch w/ Solid Brass Nut, 17ga, Rough Brass	B	25	25
210-12225	1-1/2" × 12" × 3/4" Branch w/ Die Cast Zinc Nut, 22ga, Rough Brass	B	1	25
210-38625	1-1/2" × 8" × Dual Branch (1/2" CTS × 3/4" MHT) w/ Die Cast Zinc Nut, 22ga, Chrome	B	25	25
	IMPORT - LONG BRANCH™ DIRECT CONNECT			
200-12225	1-1/2" × 12" × 1/2" Branch w/ Solid Brass Nut, 22ga, Imported, Rough Brass	B	25	25
	IMPORT - ALL PURPOSE			
210-28625	1-1/2" × 8" × 3/4" Branch w/ Die Cast Zinc Nut, 22ga, Chrome, 1/Bag	B	25	25

Branch Tailpieces

Lavatory

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DOMESTIC - FINE THREAD			
213-060	1-1/4" × 6" × 3/4" Branch, 20ga, Rough Brass	B	25	25
213-068	1-1/4" × 6" × 3/4" Branch, 20ga, Chrome	B	25	25
	DOMESTIC - FINE THREAD × FINE THREAD			
213-061	1-1/4" × 6" × 3/4" Branch, 20ga, Rough Brass	B	25	25
	DOMESTIC - SLIP JOINT			
215-064	1-1/4" × 6" × 3/4" Branch, 22ga, Rough Brass	B	25	25
215-066	1-1/4" × 6" × 3/4" Branch, 22ga, Chrome	B	25	25

213-060

213-061

215-064

Branch Tailpieces

MajorTee™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DOMESTIC - FINE THREAD			
213-067	1-1/4" × 6" × 3/4" MIP Branch, Rough Brass	B	25	25
213-069	1-1/4" × 6" × 3/4" Branch, Rough Brass	B	25	25

213-069

Waste Arms

Waste Bend

240-606107C01

240-616107C01

240-626124R120

240-636312R124

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP JOINT			
240-606107C01	1-1/2" × 7", 22ga, Chrome, 1/Bag	BI	1	25
240-606108R124	1-1/2" × 8", 22ga, Rough Brass, 1/Bag	BI	1	24
240-606111C24	1-1/2" × 11-1/2", 22ga, Chrome, 1/Bag	BI	1	24
240-606111R124	1-1/2" × 11-1/2", 22ga, Rough Brass, 1/Bag	BI	1	24
240-606115C24	1-1/2" × 15", 22ga, Chrome, 1/Bag	BI	1	24
240-606118R124	1-1/2" × 18", 22ga, Rough Brass, 1/Bag	BI	1	24
240-606124R124	1-1/2" × 24", 22ga, Rough Brass, 1/Bag	BI	1	24
240-606136R124	1-1/2" × 36", 22ga, Rough Brass, 1/Bag	BI	1	24
240-606211C24	1-1/2" × 11-1/2", 20ga, Chrome, 1/Bag	BI	1	24
240-606215C24	1-1/2" × 15", 20ga, Chrome, 1/Bag	BI	1	24
240-606224R124	1-1/2" × 24", 20ga, Rough Brass, 1/Bag	BI	1	24
240-6063111C24	1-1/2" × 11-1/2" w/ Brass Nut, 17ga, Chrome, 1/Bag	BI	1	24
240-6063112R124	1-1/2" × 12" w/ Brass Nut, 17ga, Rough Brass, 1/Bag	BI	1	24
240-6063181R124	1-1/2" × 18" w/ Brass Nut, 17ga, Rough Brass, 1/Bag	BI	1	24
240-6063241C24	1-1/2" × 24" w/ Brass Nut, 17ga, Chrome, 1/Bag	BI	1	24
240-6063241R124	1-1/2" × 24" w/ Brass Nut, 17ga, Rough Brass, 1/Bag	BI	1	24
	DIRECT CONNECT			
240-616107C01	1-1/2" × 7", 22ga, Chrome, 1/Bag	BI	1	24
240-616111C24	1-1/2" × 11-1/2", 22ga, Chrome, 1/Bag	BI	1	24
240-616111R124	1-1/2" × 11-1/2", 22ga, Rough Brass, 1/Bag	BI	1	24
240-616115C24	1-1/2" × 15", 22ga, Chrome, 1/Bag	BI	1	24
240-616115R124	1-1/2" × 15", 22ga, Rough Brass, 1/Bag	BI	1	24
240-616124C24	1-1/2" × 24", 22ga, Chrome, 1/Bag	BI	1	24
240-616124R124	1-1/2" × 24", 22ga, Rough Brass, 1/Bag	BI	1	24
240-616215C24	1-1/2" × 15", 20ga, Chrome, 1/Bag	BI	1	24
240-616311R124	1-1/2" × 11-1/2", 17ga, Rough Brass, 1/Bag	BI	1	24
	SLIP JOINT × DIRECT CONNECT			
240-626124R120	1-1/2" × 24", 22ga, Rough Brass, 1/Bag	BI	1	20
	PLAIN END			
240-636312R124	1-1/2" × 12" × 12", 17ga, Rough Brass, 1/Bag	BI	1	24
240-636316R116	1-1/2" × 16" × 18", 17ga, Rough Brass, 1/Bag	BI	1	16

Threaded Tube

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	THREAD BOTH ENDS			
240-703212C25	1-3/8" × 12", 20ga, Chrome, 1/Bag	BI	1	25
240-705206C50	1-1/4" × 6", 20ga, Chrome, 1/Bag	BI	1	50
240-705208C25	1-1/4" × 8", 20ga, Chrome, 1/Bag	BI	1	25
240-705212C25	1-1/4" × 12", 20ga, Chrome, 1/Bag	BI	1	25
240-705212R125	1-1/4" × 12", 20ga, Rough Brass, 1/Bag	BI	1	25
240-705312C25	1-1/4" × 12", 17ga, Chrome, 1/Bag	BI	1	25
240-705312R125	1-1/4" × 12", 17ga, Rough Brass, 1/Bag	BI	1	25
240-705318C25	1-1/4" × 18", 17ga, Chrome, 1/Bag	BI	1	25
240-706206C06	1-1/2" × 6", 20ga, Chrome, 1/Bag	BI	1	50
240-706208C25	1-1/2" × 8", 20ga, Chrome, 1/Bag	BI	1	25
240-706212C25	1-1/2" × 12", 20ga, Chrome, 1/Bag	BI	1	25
240-706212R125	1-1/2" × 12", 20ga, Rough Brass, 1/Bag	BI	1	25
240-706218R125	1-1/2" × 18", 20ga, Rough Brass, 1/Bag	BI	1	25
240-706224R125	1-1/2" × 24", 20ga, Rough Brass, 1/Bag	BI	1	25
240-706312C25	1-1/2" × 12", 17ga, Chrome, 1/Bag	BI	1	25
240-706312R125	1-1/2" × 12", 17ga, Rough Brass, 1/Bag	BI	1	25
240-706318R125	1-1/2" × 18", 17ga, Rough Brass, 1/Bag	BI	1	25
	THREAD ONE END			
240-718108C25	1-1/2" × 1-1/4" × 8", 20ga, Chrome	BI	1	25

240-705206C50

240-718108C25

240-8051C25

240-8251C25

240-825112C01

240-8451C25

240-8561R112

240-8764C06

Tubular Fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COUPLING			
240-8051C25	1-1/4", 22ga, Chrome, 1/Bag	BI	1	25
240-8061C25	1-1/2", 22ga, Chrome, 1/Bag	BI	1	25
	ELBOW (90) - SLIP JOINT			
240-8251C25	1-1/4", 22ga, Chrome, 1/Bag	BI	1	25
240-8261C25	1-1/2", 22ga, Chrome, 1/Bag	BI	1	25
	ELBOW (90) - SLIP JOINT × PLAIN END			
240-825106C01	1-1/4" × 6", 22ga, Chrome, 1/Bag	BI	1	24
240-825108C01	1-1/4" × 8", 22ga, Chrome, 1/Bag	BI	1	12
240-825112C01	1-1/4" × 12", 22ga, Chrome, 1/Bag	BI	1	12
	ELBOW (45) - SLIP JOINT			
240-8451C25	1-1/4", 22ga, Chrome, 1/Bag	BI	1	25
240-8461C25	1-1/2", 22ga, Chrome, 1/Bag	BI	1	25
	TEE SLIP JOINT			
240-8561R112	1-1/2", Rough Cast Brass, 1/Bag	BI	1	12
240-8564C01	1-1/2", Cast Brass, Chrome, 1/Bag	BI	1	12
	TEE - CENTER OUTLET - SLIP JOINT			
240-8664C12	1-1/2", Cast Brass, Chrome, 1/Bag	BI	1	12
	TEE - END OUTLET - SLIP JOINT			
240-8764C06	1-1/2", Cast Brass, Chrome, 1/Bag	BI	1	12
	TEE - END OUTLET - DIRECT CONNECT			
240-8864C12	1-1/2", Cast Brass, Chrome, 1/Bag	BI	1	12
	DOUBLE OFFSET - SLIP JOINT			
240-9051C50	1-1/4", 22ga, Chrome, 1/Bag	BI	1	50
240-9051R150	1-1/4", 22ga, Rough Brass, 1/Bag	BI	1	50
240-9052C50	1-1/4", 20ga, Chrome, 1/Bag	BI	1	50
240-9061C25	1-1/2", 22ga, Chrome, 1/Bag	BI	1	50
240-9061R150	1-1/2", 22ga, Rough Brass, 1/Bag	BI	1	50
240-9062C50	1-1/2", 20ga, Chrome, 1/Bag	BI	1	50
240-90631C50	1-1/2" w/ Brass Nuts, 17ga, Chrome, 1/Bag	BI	1	50
240-90631R150	1-1/2" w/ Brass Nuts, 17ga, Rough Brass, 1/Bag	BI	1	50

Metal Tubular Accessories

Nuts & Washers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLIP NUTS - SOLID BRASS			
980-5	1-1/4", Chrome Plated Brass	B	50	500
980-6	1-1/2", Chrome Plated Brass	B	50	500
980-7	2", Chrome Plated Brass w/ Washer, 1/Bag	BI	10	100
980-8	1-1/2" × 1-1/4", Chrome Plated Brass	B	50	500
981-5	1-1/4", Rough Brass	B	50	500
981-6	1-1/2", Rough Brass	B	50	500
981-7	2", Rough Brass w/ Washer, 1/Bag	BI	10	100
981-8	1-1/2" × 1-1/4", Rough Brass	B	50	500
	SLIP NUTS - ZINC			
985-5	1-1/4", Chrome Plated Zinc	B	50	500
985-6	1-1/2", Chrome Plated Zinc	B	50	500
985-8	1-1/2" × 1-1/4", Chrome Plated Zinc	B	50	500
986-6	1-1/2", Brass Plated Zinc	B	50	500
	SQUARE-CUT SLIP JOINT WASHERS			
995-20320	1-1/4", 25/Bag	B	25	200
995-5	1-1/4", 100/Bag	B	100	1000
995-6	1-1/2", 100/Bag	B	100	1000
995-8	1-1/2" × 1-1/4", 100/Bag	B	100	1000
	CLOTH-INSERTED TAILPIECE WASHERS			
990-20385	1-1/2", 25/Bag	B	25	300
990-7	1-1/2", 100/Bag	B	100	1000
	SOFT RED WASHERS - SLIP JOINT			
996-5S	1-1/4" Red, Soft TPV	B	100	1000
996-6S	1-1/2" Red, Soft TPV	B	100	1000
996-8S	1-1/2" × 1-1/4" Red, Soft TPV	B	100	1000
	SOFT RED WASHERS - TAILPIECE			
991-6S	1-1/2" Red, Soft TPV	B	100	1000

981-6

985-5

995-20320

990-20385

996-8S

Metal Tubular Accessories

Desanco Fittings & Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DESANCO FITTINGS			
270-525	1-1/4" OD × 1-1/4" MIP w/ Brass Ferrule & Die Cast Zinc Nut, 1/Bag	B	25	100
270-6	1-1/2" OD × 1-1/2" MIP w/ Brass Ferrule & Brass Nut, 1/Bag	B	25	25
272-5625	1-1/4" OD × 1-1/2" FIP w/ Brass Ferrule & Die Cast Zinc Nut, 1/Bag	B	25	100
272-6	1-1/2" OD × 1-1/2" FIP w/ Brass Ferrule & Brass Nut, 1/Bag	B	25	25

270-525

274-5

Metal Tubular Accessories (Cont)

Desanco Fittings & Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DWV SLIP JOINT ADAPTER			
274-5	1-1/4" FSWT × 1-1/4" NPSM Thread, Brass	B	10	100
274-6	1-1/2" FSWT × 1-1/2" NPSM Thread, Brass	B	10	100
274-7	2" FSWT × 2" NPSM Thread, Brass	B	10	100

240-996208R116

Metal Tubular Accessories

Sink Funnel

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
240-996208R116	1-1/2" × 8", Rough Brass, 1/Bag	BI	1	50

Basket Strainers & Sink Drains

Basket Strainers

Lav/Sink Drains

Sioux Chief offers a wide variety of basket strainers, including popular designs like KwikFit™, Specification™, Champion® BigBoy™, Lok-Spin®, and many others.

245-16440C04 **Page 571**	**245-16470C04** **Page 571**	**245-12832C04** **Page 572**	**245-16530C04** **Page 572**	**245-16462C04** **Page 572**
245-13640C04 **Page 572**	**245-12530C04** **Page 573**	**245-52100C04** **Page 573**	**290-20553C04** **Page 574**	**290-20515C04** **Page 574**
290-20630C04 **Page 574**	**290-20200** **Page 575**			

Basket Strainers

KwikFit™

Related Products
NoPutty™ Gaskets p 601

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16440C04	Cup Style, Spring Post Basket, Stainless Steel w/ Zinc Nuts, Chrome, 1/Box	BI	24	24

245-16440C04

Basket Strainers

Specification™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16450C04	Deep Cup Style, Spring Post Basket, Stainless Steel w/ Zinc Nuts, Chrome, 1/Box	BI	1	24
245-16452C04	Deep Cup Style, Spring Post Basket, Stainless Steel w/ 2 Brass Nuts, Chrome, 1/Box	BI	1	24

245-16450C04

Basket Strainers

Ball-Lok™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16520C04	Cup Style, Snap Post Basket, Stainless Steel, Zinc Nuts, Chrome 1/Box	BI	1	24
245-16522C04	Cup Style, Snap Post Basket, Stainless Steel w/ 2 Brass Nuts, Chrome, 1/Box	BI	1	24

245-12732C04

Basket Strainers

BigBoy™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16470C04	Back Nut Style, Spring Post Basket, Stainless Steel w/ Zinc Nuts, Chrome, 1/Box	BI	1	24

245-16471C04

Basket Strainers

Champion™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16540C04	Back Nut Style, Spring Post Basket, Stainless Steel w/ Zinc Nuts, Chrome, 1/Box	BI	1	24

245-16540C04

245-12832C04

Basket Strainers

ProBrite™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-12832C04	CBX Back Nut Style, Rubber Seal Basket, Cast Brass With 2 Brass Nuts, Bright Chrome 1/Box	BI	1	5
245-16550C04	FPX Back Nut Style, Four Prong Basket, Stainless Steel w/ Zinc Nuts, Bright Chrome, 1/Box	BI	1	50
245-16560C04	SPX Back Nut Style, Stick Post Basket, Stainless Steel w/ Zinc Nuts, Bright Chrome, 1/Box	BI	1	50

245-16530C04

Basket Strainers

Lok-Spin™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16530C04	Back Nut Style, Stainless Steel w/ Zinc Nuts, Chrome, 1/Box	BI	1	24

245-16462C04

Basket Strainers

EezOn™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16460C04	Thumbscrew Installation, Spring Post Basket, Stainless Steel w/ Zinc Nut, Chrome, 1/Box	BI	1	24
245-16462C04	Thumbscrew Installation, Spring Post Basket, Stainless Steel w/ Brass Nut, Chrome, 1/Box	BI	1	24

245-13640C04

Basket Strainers

SweetHeart™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-13640C04	Back Nut Style, Fixed Post Basket, Polypro Body & Nuts, Chrome, 1/Box	BI	1	50

245-12930C04

Basket Strainers

Duo Sink

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-12930C04	Back Nut Style, Fixed Post Basket, Stainless Steel w/ Zinc Nuts, Chrome, 1/Box	BI	1	24

Basket Strainers

SIG Strainer™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-12530C04	"SIG" Snap-In-Grid Flat Sink Strainer, Stainless Steel w/ Zinc Nuts, Chrome, 1/Box	BI	1	24

245-12530C04

Basket Strainers

Designer Series Double Cup

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-16950B204	Cup Style, Celcon® Biscuit Finish Insert & Basket, 1/Clamshell	BI	1	5

245-16950B204

Basket Strainers

Junior™ Bar Sink

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-56400C01	3-In-1 Strainer w/ Duplex, Grid And Plug, Stainless Steel w/ Zinc Nuts, For 2-1/2" Opening, Chrome, 1/Bag	BI	1	10
	DEEP-CUP BAR SINK			
245-52100C04	Deep Bail Basket, Stainless Steel w/ Zinc Nuts, For 2-1/2" Opening, Chrome, 1/Bag	BI	1	10

245-56400C01

245-52100C04

Basket Strainers

Replacement Baskets

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
245-96401C01	Fit All Drop Post Replacement Basket For Probrite™ CBX, Chrome, 1/Bag	BI	1	10
245-96440C01	Long Spring Post Replacement Basket For KwikFit™, Chrome, 1/Bag	BI	1	10
245-96490C04	Stick Post Replacement Basket For ProBrite™ SPX & Duo Basket, Chrome, 1/Bag	BI	1	10
245-96520C01	Snap Post Replacement Basket For Ball-Lok™, Chrome, 1/Bag	BI	1	10
245-96540C01	Short Spring Post Replacement Basket For Big Boy™, Champion®, Specification™ & EezOn™, Chrome, 1/Bag	BI	1	10
245-99649C04	Junior Replacement Basket, Chrome, 1/Box	BI	1	10

245-96401C01

290-20553C04

290-20515C04

Lav Sink Drains

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POP-UP			
290-20553C04	Cast Brass Body w/ Overflow, 1-1/4" × 4" 20ga Tailpiece, Chrome, 1/Box	BI	1	50
	FIXED GRID			
290-20514C04	1-1/4" × 8" w/ Overflow, Cast Brass Body w/ 17ga Tailpiece And Brass Nut, Chrome, 1/Box	BI	25	25
290-20515C04	Wheelchair Open Grid Strainer, Cast Brass Body w/ 17ga Offset Tailpiece, Overflow, Chrome, 1/Box	BI	1	25

290-20630C04

290-363020C01

Lav Sink Drains

Pull Out Plug Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	METAL - ONE-PIECE WITH OVERFLOW			
290-20630C04	PO Plug Drain (w/ Overflow), 1-1/4" × 5", One Piece w/ Stopper And Chain, Chrome, 1/Box	BI	1	50
290-20632C04	PO Plug Drain (w/ Overflow), 1-1/4" × 8", One Piece w/ Stopper And Chain, Chrome, 1/Box	BI	1	50
	METAL TWO-PIECE WITH OVERFLOW			
290-206322C04	PO Plug Drain (w/ Overflow), 1-1/4" × 8", Two Piece w/ Stopper And Chain, Chrome, 1/Box	BI	1	50
290-630223C04	PO Plug Drain (w/ Overflow), 1-1/4" × 5", Two Piece w/ Stopper And Chain, Chrome, 1/Box	BI	1	50
290-634223C04	PO Plug Drain (w/ Overflow), 1-1/4" × 12", Two Piece w/ Stopper And Chain, Chrome, 1/Box	BI	1	25
	PLASTIC ONE-PIECE WITH OVERFLOW			
290-363020C01	PO Plug Drain (w/ Overflow), 1-1/4" × 5", Polypro w/ Stopper And Chain, Polished Stainless, 1/Bag	BI	1	25
290-3650501	PO Plug Drain (w/ Overflow), 1-1/4" × 5", ABS w/ Stopper And Chain, Polished Stainless, 1/Bag	BI	1	50

290-20635C04

Lav Sink Drains

Closed Overflow Plug Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	METAL ONE-PIECE LESS OVERFLOW			
290-20635C04	C.O. Plug Drain (Less Overflow), 1-1/4" × 5", One Piece w/ Stopper And Chain, Chrome, 1/Box	BI	1	50
	PLASTIC ONE-PIECE LESS OVERFLOW			
290-363520C01	CO Plug Drain (Less Overflow), 1-1/4" × 5", Polypro w/ Stopper And Chain, Polished Stainless, 1/Bag	BI	1	25

Lav Sink Drains

Industrial Sink Plug

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
290-20200	Sink Plug 1", Rough Brass	BI	10	10

290-20200

Notes:

Bath Waste Drains

Brass Waste & Overflows

Plastic Waste & Overflows

Bath Waste Accessories

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Brass Waste & Overflows

Trip Lever

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
973-2015C04	17ga w/ Brass Linkage & Drop Cylinder, Chrome, 1/Box	BI	1	10
973-3015C04	20ga w/ Brass Linkage & Drop Cylinder, Chrome, 1/Box	BI	1	16
973-3015PB04	20ga w/ Brass Linkage & Drop Cylinder, Polished Brass, 1/Box	BI	1	16
973-3015SN04	20ga w/ Brass Linkage & Drop Cylinder, Satin Nickel, 1/Box	BI	1	4
	ROMAN TUB WASTE & OVERFLOW			
973-3016C04	20ga w/ Brass Linkage & Drop Cylinder w/ 9" Shoe, Chrome, 1/Box	BI	1	3

973-2015C04

973-3016C04

Brass Waste & Overflows

Ezy Touch®

- Reamed Tee intended for above-the-floor applications

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EZY TOUCH®			
973-2302C04	17ga, Brass Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	1	12
973-3302C04	20ga, Brass Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	1	12
	NYC INSTALLATION ABOVE OR BELOW FLOOR			
973-2439C04	17ga, Zinc Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	10	10

973-2302C04

973-2439C04

Brass Waste & Overflows

Twist-N-Close™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
973-3102C04	20ga, Brass Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	4	16

973-3102C04

973-3702C04

Brass Waste & Overflows

Chain & Stopper

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
973-3702C04	20ga, Chain, Stopper & 2-Hole Faceplate, Chrome, 1/Box	BI	1	3

973-3900C04

Brass Waste & Overflows

Standing Waste

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
973-3900C04	20ga, 1-1/2" FIP Connection, Chrome, 1/Box	BI	1	10

973-0600C04

Plastic Waste & Overflows

Cable Drive

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WHITE POLYPROPYLENE			
973-0600C04	Tubular, Chrome Trim, 1/Box	BI	1	3
973-0600SN/RB04	Tubular, Includes Satin Nickel & Oil-Rubbed Bronze Trim, 1/Box	BI	1	3

973-0010C01

Plastic Waste & Overflows

Trip Lever

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WHITE POLY			
973-0010C01	Tubular, Plastic Linkage & Drop Cylinder, Chrome, 1/Bag	BI	8	8
973-0015C04	Tubular, Brass Linkage, Plastic Drop Cylinder & Chrome Trim, 1/Box	BI	8	8
973-0015RB04	Tubular, Brass Linkage, Plastic Drop Cylinder & Oil-Rubbed Bronze Trim, 1/Box	BI	1	8

973-0302C04

Plastic Waste & Overflows

Ezy Touch®

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WHITE POLY			
973-0302C04	Tubular, Brass Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	1	8
973-0402C04	Tubular, Zinc Drain Spud & 2-Hole Faceplate, Chrome, 1/Bag	BI	8	8

Plastic Waste & Overflows (Cont)

Ezy Touch®

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH PIPE & TEE			
973-6301C04	PVC Full Kit w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Box	BI	8	8
973-8301C01	ABS Full Kit w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Bag	BI	1	8
973-8301PB04	ABS Full Kit w/ Brass Drain Spud & 1-Hole Faceplate, Polished Brass, 1/Box	BI	4	4
	HALF KIT			
973-5401C04	PVC w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Box	BI	1	12
973-7401C04	ABS w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Box	BI	1	12

973-6301C04

973-5401C04

Plastic Waste & Overflows

Twist-N-Close™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WHITE POLY			
973-0102C04	Tubular, Brass Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	1	12
973-0202C04	Tubular, Zinc Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	8	8
	WITH PIPE & TEE			
973-6101C01	PVC Full Kit w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Bag	BI	8	8
	HALF KIT			
973-5201C01	PVC w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Box	BI	8	8
973-5202C04	PVC w/ Zinc Drain Spud & 2-Hole Faceplate, Chrome, 1/Box	BI	8	8
973-7201C01	ABS w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Bag	BI	8	8
	HALF KIT WITH TEST			
973-5204C04	PVC w/ Zinc Drain Spud & 1-Hole Faceplate, Chrome, 1/Box	X	12	12

973-0102C04

973-6101C01

973-7201C01

973-5204C04

973-9000C01

973-9090C04

973-9601

Bath Waste Accessories

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	OVERFLOW REPAIR			
973-9000C01	Trip Lever Faceplate (Brass) With Screws, Chrome, 1/Bag	BI	1	25
973-9015R101	Brass Linkage For Trip Lever Waste & Overflow, 1/Bag	BI	6	120
974-60100	Trip Lever Faceplate (Zinc) With Screws, Chrome, 1/Bag	BI	1	20
974-60101	Tub Faceplate w/ Screw, 1-Hole, Chrome, 1/Bag	BI	1	10
974-60102	Tub Faceplate w/ Screws, 2-Hole, Chrome, 1/Bag	BI	1	12
974-60116	Tub Overflow Sponge Gasket	B	12	120
	TUB WASTE REPAIR			
973-9090C04	Heavy Gauge Bath Drain Spud w/ Grid Strainer, Chrome, 1/Bag	BI	1	1
973-9097C01	Brass Tub Shoe With 1-1/2" OD x 4-5/8" Tube & Chrome Strainer, 1/Bag	BI	1	20
973-9099C01	Bath Drain Grid Strainer Only w/ Screw, Chrome, 1/Bag	BI	1	20
973-9100C04	Twist-N-Close™ Drain Assembly In Heavy Gauge Brass Drain Spud, Chrome, 1/Box	BI	1	12
973-9300C04	Ezy Touch® Drain Assembly In Heavy Gauge Brass Drain Spud, Chrome, 1/Box	BI	1	12
973-9392C04	Ezy Touch® Replacement Stopper Assembly, Chrome, 1/Bag	BI	10	200
973-9601	Bathtub Drain Shoe Gasket, 1/Bag	BI	1	25

Plumbing Specialties

Supply Stops & Kits

Supply Tubes

Lav/Sink Specialties

Closet Specialties

Tub/Shower Specialties

Plumbing Specialties

Supply Stops & Kits

Straight and angle stop valves with quarter-turn and multi-turn designs. Select items designed in accordance with A112.18.1/CSA B125.1 - 2018 Standard for Plumbing Supply Fittings and ANSI/NSF 14.

Supply Tubes

Flexible, water-supply connectors for sinks, toilets, dishwashers and other plumbing fixtures.

Lav/Sink Specialties

Chrome-plated and plastic escutcheons, and other accessories.

Closet Specialties

Closet bolts, gaskets and toilet repair items.

Tub/Shower Specialties

Tub spouts, including the innovative SmartSpout™, shower arms and other accessories.

Supply Stops & Kits

Quarter-Turn Bar Stock Stops

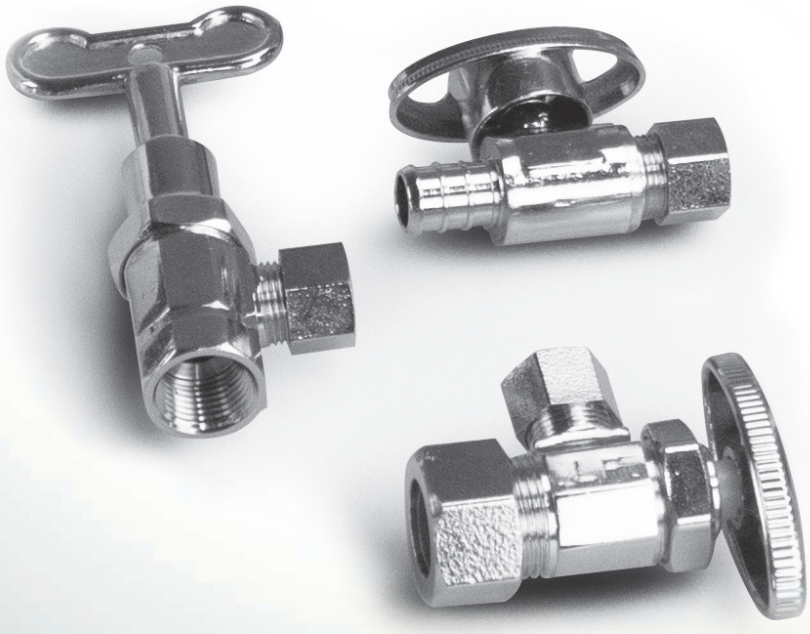
Quarter-Turn Forged Angle Stops

Quarter-Turn Forged Straight Stops

Multi-Turn Angle Stops

Multi-Turn Straight Stops

Add-A-Valve Fittings



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Quarter-Turn Bar Stock Stops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ANGLE			
130-G1F1C	3/8" FIP × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
130-G2C0C	5/8" OD Comp. × 1/4" OD Comp., Chrome, 1/Bag	BI	24	144
130-G2C1C	5/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
130-G2F1C	1/2" FIP × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
130-G2S1C	1/2" (5/8" OD) SWT. × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
130-G2V1C	1/2" CPVC × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
130-G2W0C	1/2" PEX F1960 × 1/4" OD Comp., Chrome, 1/Bag	BI	1	144
130-G2W1C	1/2" PEX F1960 × 3/8" OD Comp., Chrome, 1/Bag	BI	1	144
130-G2X0C	1/2" PEX F1807 × 1/4" OD Comp., Chrome, 1/Bag	BI	24	144
130-G2X1C	1/2" PEX F1807 × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
	STRAIGHT			
129-G1C1C	3/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
129-G1F1C	3/8" FIP × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
129-G1RETRO	3/8" Swivel Comp. × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
129-G2C0C	5/8" OD Comp. × 1/4" OD Comp., Chrome, 1/Bag	BI	24	144
129-G2C1C	5/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
129-G2F1C	1/2" FIP × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
129-G2S1C	1/2" SWT. × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
129-G2V1C	1/2" CPVC × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144
129-G2W0C	1/2" PEX F1960 × 1/4" OD Comp., Chrome, 1/Bag	BI	1	144
129-G2W1C	1/2" PEX F1960 × 3/8" OD Comp., Chrome, 1/Bag	BI	1	144
129-G2X0C	1/2" PEX F1807 × 1/4" OD Comp., Chrome, 1/Bag	BI	24	144
129-G2X1C	1/2" PEX F1807 × 3/8" OD Comp., Chrome, 1/Bag	BI	24	144

130-G2C1C

130-G2W1C

129-G2C1C

129-G2W1C

132-G2C0C04

132-G2F0C01

132-G2F1C1C04

132-G2C1CLH04

Quarter-Turn Forged Angle Stops

KwikStop™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
132-G1F1C01	3/8" FIP X 3/8" OD Comp., Chrome 1/Bag	BI	30	30
132-G1F1C04	3/8" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
132-G1Q1C04	3/8" PDQ (1/2" OD Push Fit) × 3/8" OD Comp., Chrome, 1/Box	BI	32	32
132-G2C0C04	5/8" OD Comp. × 1/4" OD Comp., Chrome, 1/Box	BI	20	240
132-G2C1C04	5/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
132-G2C1C09	5/8" OD Comp. × 3/8" OD Comp. w/ PEX Insert, Chrome, 1/Bag	BI	10	50
132-G2C2M01	5/8" OD Comp. × 1/2" MIP (7/16" OD), Chrome, 1/Bag	BI	30	30
132-G2F0C01	1/2" FIP × 1/4" OD Comp., Chrome, 1/Bag	BI	30	30
132-G2F1C04	1/2" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
132-G2Q1C04	1/2" PDQ (5/8" OD Push Fit) × 3/8" OD Comp., Chrome, 1/Box	BI	32	32
132-G2S1C04	1/2" SWT. × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
132-G2S1CE504	1/2" SWT. × 3/8" OD Comp. w/ 5" Extension & Escutcheon, Chrome, 1/Box	BI	10	120
132-G2V1C01	1/2" CPVC X 3/8" OD Comp., Chrome 1/Bag	BI	5	30
132-G2V1C04	1/2" CPVC × 3/8" OD Comp., Chrome, 1/Box	BI	20	120
132-G2X1C04	1/2" PEX F1807 × 3/8" OD Comp., Chrome, 1/Box	BI	5	30
	DUAL-OUTLET			
132-G2C1C0C01	5/8" OD Comp. × 3/8" OD Comp. × 1/4" OD Comp., Chrome, 1/Bag	BI	5	30
132-G2C1C1C04	5/8" OD Comp. × 3/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
132-G2F1C1C04	1/2" FIP × 3/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
132-G2Q1C1C04	1/2" PDQ x 3/8" OD Comp. x 3/8" OD Comp., Chrome, 1/Box	BI	30	30
	LOOSE HANDLE			
132-G2C1CLH04	5/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	20	240

131-G2C1C04

131-G2X1C01

Quarter-Turn Forged Straight Stops

KwikStop™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
131-G1F1C04	3/8" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
131-G1Q1C04	3/8" PDQ (1/2" OD Push Fit) × 3/8" OD Comp., Chrome, 1/Box	BI	32	32
131-G2C1C04	5/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
131-G2F1C04	1/2" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
131-G2Q1C04	1/2" PDQ (5/8" OD Push Fit) × 3/8" OD Comp., Chrome, 1/Box	BI	32	32
131-G2S1C04	1/2" SWT. × 3/8" OD Comp., Chrome, 1/Box	BI	20	240
131-G2S1CE504	1/2" SWT. × 3/8" OD Comp. w/ 5" Extension & Escutcheon, Chrome, 1/Box	BI	10	120
131-G2X1C01	1/2" PEX F1807 X 3/8" OD Comp., Chrome 1/Bag	BI	30	30
131-G2X2X01	1/2" PEX F1807 X 1/2" PEX F1807, Chrome 1/Bag	BI	50	50
131-G2X2X04	1/2" PEX F1807 × 1/2" PEX F1807, Chrome, 1/Box	BI	20	240
131-GRETRO01	3/8" Swivel Comp. × 3/8" OD Comp., Chrome, 1/Bag	BI	30	30

Multi-Turn Angle Stops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
134-G1F1C04	3/8" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
134-G2C0C04	5/8" OD Comp. × 1/4" OD Comp., Chrome, 1/Box	BI	50	50
134-G2C0CR104	5/8" OD Comp. × 1/4" OD Comp., Rough Brass, 1/Box	BI	50	50
134-G2C1C04	5/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
134-G2C1CE504	5/8" OD Comp. × 3/8" OD Comp. w/ 5" Extension & Escutcheon, Chrome, 1/Box	BI	1	50
134-G2C1CR104	5/8" OD Comp. × 3/8" OD Comp., Rough Brass, 1/Box	BI	50	50
134-G2C2C04	5/8" OD Comp. × 1/2" OD Comp., Chrome, 1/Box	BI	50	50
134-G2C2M04	5/8" OD Comp. × 1/2" MIP (7/16" OD), Chrome, 1/Box	BI	50	50
134-G2F1C04	1/2" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
134-G2F2C04	1/2" FIP × 1/2" OD Comp., Chrome, 1/Box	BI	50	50
134-G2S0CR104	1/2" SWT. × 1/4" OD Comp., Rough Brass, 1/Box	BI	50	50
134-G2S1C04	1/2" SWT. × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
134-G2S1CE504	1/2" SWT. × 3/8" OD Comp. w/ 5" Extension & Escutcheon, Chrome, 1/Box	BI	1	50
134-G2S1CR104	1/2" SWT. × 3/8" OD Comp., Rough Brass, 1/Box	BI	50	50
134-G2V1C04	1/2" CPVC × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
134-G2V1CR104	1/2" CPVC × 3/8" OD Comp., Rough Brass, 1/Box	BI	50	50
134-G2X1C04	1/2" PEX F1807 × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
648XG2FA	1/2" F1807 PEX × 3/8" OD Comp	B	5	60
	3-WAY			
134-G2C1C1C04	5/8" OD Comp. × 3/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	1	30
134-G2C1C1CR104	5/8" OD Comp. × 3/8" OD Comp. × 3/8" OD Comp., Rough Brass, 1/Box	BI	1	30
134-G2F1C1CR104	1/2" FIP × 3/8" OD Comp. × 3/8" OD Comp., Rough Brass, 1/Box	BI	1	30
	2-HANDLE			
134-G2C1C0CDHR104	5/8" OD Comp. × 3/8" OD Comp. × 1/4" OD Comp., Rough Brass, 1/Box	BI	1	50
134-G2C1C1CDH04	5/8" OD Comp. × 3/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	1	50
134-G2C1C1CDHR104	5/8" OD Comp. × 3/8" OD Comp. × 3/8" OD Comp., Rough Brass, 1/Box	BI	1	50
	LOOSE KEY			
134-G2C1CLK04	5/8" OD × 3/8" OD Comp., Chrome, 1/Box	BI	1	50
134-G2F1CLK04	1/2" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	1	50
134-G2F2CLK04	1/2" FIP × 1/2" OD Comp., Chrome, 1/Box	BI	1	50
134-G2S1CE5LK04	1/2" SWT. × 3/8" OD Comp. w/ 5" Extension & Escutcheon, Chrome, 1/Box	BI	1	50
134-G2S1CLK04	1/2" SWT. × 3/8" OD Comp., Chrome, 1/Box	BI	50	50

134-G2C0C04

134-G2X1C04

134-G2V1C04

134-G2C1C1C04

134-G2C1C1CDH04

134-G2C1CLK04

133-G2C1C1CDHR104

133-GZ2M2FR104

Multi-Turn Straight Stops

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
133-G1F1C04	3/8" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
133-G2C1C04	5/8" OD Comp. × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
133-G2F1C04	1/2" FIP × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
133-G2S1C04	1/2" SWT. × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
133-G2S1CE504	1/2" SWT. × 3/8" OD Comp. w/ 5" Extension & Escutcheon, Chrome, 1/Box	BI	1	50
133-G2V1C04	1/2" CPVC × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
133-G2X1C04	1/2" PEX F1807 × 3/8" OD Comp., Chrome, 1/Box	BI	50	50
	2-HANDLE			
133-G2C1C1CDHR104	5/8" OD Comp. × 3/8" OD Comp. × 3/8" OD Comp., Rough Brass, 1/Box	BI	1	50
	INTEGRAL SLOT			
133-GZ2M2FR104	1/2" MIP × 1/2" FIP w/ Slotted Stem, Rough Brass, 1/Box	BI	20	20
133-GZ2S2SR104	1/2" FSWT. × 1/2" MSWT. w/ Slotted Stem, Rough Brass, 1/Box	BI	50	50

907-981001

909-99100201

Add-A-Valve Fitting

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD COMPRESSION			
907-2120200201	1/2" Swivel Comp. x 1/2" OD Comp. x 1/4" OD Comp., Rough Brass, 1/Bag	BI	5	60
907-981001	3/8" Swivel Comp. × 3/8" OD Comp. × 3/8" OD Comp., Rough Brass, 1/Bag	BI	5	60
	ANDER-LIGN COMPRESSION			
909-991001	3/8" Swivel Comp. × 3/8" OD Comp. × 3/8" OD Comp., Rough Brass, 1/Bag	BI	5	60
909-99100201	3/8" Swivel Comp. × 3/8" OD Comp. × 1/4" OD Comp., Rough Brass, 1/Bag	BI	5	60

Supply Tubes

Lav/Sink Supply

Toilet Supply

Ice Maker Supply & Kits

Dishwasher Supply & Kits

Washers & Gaskets

Sioux Chief
AA SIZE
Mini-
Rester
Water
Hammer
Arrester

Lav/Sink Supply

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
283-S04112C00	3/8" OD × 12", Chrome	B	25	100
283-S04112R100	3/8" OD × 12", Unplated	B	25	100
283-S04116C00	3/8" OD × 16", Chrome	B	25	100
283-S04120C00	3/8" OD × 20", Chrome	B	25	100
283-S04120R100	3/8" OD × 20", Unplated	B	25	100
283-S04130C50	3/8" OD × 30", Chrome	B	25	100
283-S04130R150	3/8" OD × 30", Unplated	B	25	100
283-S04136C50	3/8" OD × 36", Chrome	B	25	100
283-S04136R100	3/8" OD × 36", Unplated	B	25	100
	COPPER COMPRESSION TUBE EXTENSION			
283-S06112C50	3/8" OD × 12" Comp. × Tube, Chrome	B	25	100
283-S06112R150	3/8" OD × 12" Comp. × Tube, Unplated	B	25	100
283-S06120C50	3/8" OD × 20" Comp. × Tube, Chrome	B	25	100
283-S06120R150	3/8" OD × 20" Comp. × Tube, Unplated	B	25	100
	COPPER SOLDER TUBE EXTENSION			
283-S05120R150	3/8" OD × 20" MSWT × FSWT, Unplated	B	50	50
	PEX			
285-100	Ferrule, Poly 3/8" For PEX Riser	B	100	10000
285-S0412000	3/8" OD × 20" w/ Nylon Ferrule, PEX	B	100	100
285-S0413000	3/8" OD × 30" w/ Nylon Ferrule, PEX	B	100	100
285-S0413600	3/8" OD × 36" w/ Nylon Ferrule, PEX	B	100	100

283-S04112C00

283-S06112C50

285-S0412000

Toilet Supply

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COPPER			
283-T24112C00	3/8" × 12" w/ Rubber Nose Cone, Chrome	B	25	100
283-T24120C00	3/8" × 20" w/ Rubber Nose Cone, Chrome	B	25	100
283-T25112C00	3/8" × 12" w/ Flat Washer, Chrome	B	25	100
283-T25116C00	3/8" × 16" w/ Flat Washer, Chrome	B	25	100
283-T25120C00	3/8" × 20" w/ Flat Washer, Chrome	B	25	100
	PEX			
285-T2411200	3/8" OD × 12" w/ Nylon Ferrule, PEX	B	100	100
285-T2412000	3/8" OD × 20" w/ Nylon Ferrule, PEX	B	100	100
285-100	Ferrule, Poly 3/8" For PEX Riser	B	100	10000

283-T24112C00

285-T2411200

Ice Maker Supply & Kits

Related Products
Needle Valves - Saddle Valves p 707

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRAIDED STAINLESS			
281-072	Stainless Steel Connector 1/4" × 1/4" × 72", 1/Bag	BI	12	12

281-072

901-03020W00501

289-IMK04

Ice Maker Supply & Kits (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	POLYETHYLENE			
901-03020W00251	1/4" OD × 17/100" ID (1/25" Wall) 25' Coil	CI	10	10
901-03020W00501	1/4" OD × 17/100" ID (1/25" Wall) 50' Coil	CI	5	5
901-03020W01001	1/4" OD × 17/100" ID (1/25" Wall) 100' Coil	BI	1	1
901-03020W01005	1/4" OD × 17/100" ID (1/25" Wall) 100' Reel	BI	1	1
901-03020W04005	1/4" OD X 17/100" ID (1/25" Wall), 400' Reel	BI	1	1
	PEX			
289-IMK04	PEX Quick Connect Kit, 1/Bag	BI	5	5

637-B23HWP

Dishwasher Supply & Kits

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DISHWASHER ELBOW CONNECTOR			
637-B23HWP	3/4" Female Hose Thread × 3/8" OD Comp., Rough Brass, 1/Bag	BI	5	20

290-20480

Washers & Gaskets

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
290-20480	Deluxe Lavatory Washer 3/8" Tall w/ Brass Friction Ring	B	50	500
291-30500	3/4" Garden Hose Washer	B	12	240

Lav/Sink Specialties

Poly Escutcheons

Metal Escutcheons

Sink/Faucet Repair

Dishwasher/Disposal Drain

Lav/Sink Accessories

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Polypropylene Escutcheons

TrimTite™ Escutcheons

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SHALLOW CTS			
920-1W	3/8" CTS (1/2" OD), White	B	50	500
920-2W	1/2" CTS (5/8" OD), White	B	25	250
920-2WPK2	1/2" CTS (5/8" OD), White, 2/Bag	CI	10	10
920-3W	3/4" CTS (7/8" OD), White	B	25	250
920-3WPK2	3/4" CTS (7/8" OD), White, 2/Bag	CI	10	10
920-4W	1" CTS (1-1/8" OD), White	B	20	100
920-4WPK2	1" CTS (1-1/8" OD), White, 2/Bag	CI	1	1
	SHALLOW IPS			
921-2W	1/2" IPS, White	B	50	500
921-2WPK2	1/2" IPS, White, 2/Bag	CI	10	10
921-3W	3/4" IPS, White	B	50	500
921-3WPK2	3/4" IPS, White, 2/Bag	CI	1	1
921-4W	1" IPS, White	B	20	100
921-4WPK2	1" IPS, White, 2/Bag	CI	10	10
921-6W	1-1/2" IPS, White	B	20	100
921-6WPK2	1-1/2" IPS, White, 1/Bag	CI	10	10
921-7W	2" IPS, White	B	20	100
921-7WPK2	2" IPS, White, 1/Bag	CI	10	10
	DEEP TUBULAR			
922-5W	1-1/4" OD Tubular, White	B	25	25
922-5WPK2	1-1/4" OD Tubular, White	CI	10	10
922-6W	1-1/2" OD Tubular, White	B	25	25
922-6WPK2	1-1/2" OD Tubular, White	CI	10	10

921-6W

922-5W

Polypropylene Escutcheons

SnapOne™ Escutcheons

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CTS			
926-2	1/2" CTS (5/8" OD), Chrome, 1/Bag	BI	12	120
926-2W	1/2" CTS (5/8" OD) , White, 1/Bag	BI	12	120
926-3	3/4" CTS (7/8" OD), Chrome, 1/Bag	BI	12	120
926-3W	3/4" CTS (7/8" OD) , White, 1/Bag	BI	12	120
926-4	1" CTS (1-1/8" OD), Chrome, 1/Bag	BI	12	120
926-4W	1" CTS (1-1/8" OD) , White, 1/Bag	BI	12	120

926-2

927-2W

Polypropylene Escutcheons (Cont)

SnapOne™ Escutcheons

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	IPS			
927-2	1/2" IPS, Chrome, 1/Bag	BI	12	120
927-2W	1/2" IPS , White, 1/Bag	BI	12	120
927-3	3/4" IPS, Chrome, 1/Bag	BI	12	120
927-3W	3/4" IPS , White, 1/Bag	BI	12	120
927-4	1" IPS, Chrome, 1/Bag	BI	12	120
927-4W	1" IPS , White, 1/Bag	BI	12	120
927-5	1-1/4" IPS, Chrome, 1/Bag	BI	12	120
927-6	1-1/2" IPS, Chrome, 1/Bag	BI	12	120
927-6W	1-1/2" IPS , White, 1/Bag	BI	12	120
927-7	2" IPS, Chrome, 1/Bag	BI	12	120
927-7W	2" IPS , White, 1/Bag	BI	12	120
927-8W	3" IPS , White, 1/Bag	BI	12	120

Metal Escutcheons

Shallow Escutcheons

910-2

911-4

923-1036C00

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SHALLOW CTS			
910-2	1/2" CTS (5/8" OD), Chrome	BI	25	250
910-3	3/4" CTS (7/8" OD), Chrome	BI	25	250
	SHALLOW IPS			
911-1	3/8" IPS, Chrome	BI	25	250
911-2	1/2" IPS, Chrome	BI	25	250
911-3	3/4" IPS, Chrome	BI	25	250
911-4	1" IPS, Chrome	BI	25	250
911-6	1-1/2" IPS, Chrome	BI	25	250
911-6D	1-1/2" IPS Deluxe, Chrome, 1/Bag	BI	25	250
911-7	2" IPS, Chrome	BI	25	250
	SHALLOW TUBULAR			
923-1036C00	1-1/2" OD Tubular, Chrome	BI	12	120

Metal Escutcheons

Deep Box

923-2326C00

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	IPS			
923-2326C00	1-1/2" IPS, Chrome	BI	5	100

Metal Escutcheons (Cont)

Deep Box

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	TUBULAR			
923-2335C00	1-1/4" OD Tubular, Chrome	BI	5	100
923-2336C00	1-1/2" OD Tubular, Chrome	BI	5	100

923-2335C00

Metal Escutcheons

Deep Bell

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	IPS			
923-2321C00	3/8" IPS, Chrome	BI	25	100
923-2322C00	1/2" IPS, Chrome	BI	25	100
	TUBULAR			
923-2435C00	1-1/4" OD Tubular × 3" Base, Chrome	BI	25	25
923-2436C00	1-1/2" OD Tubular × 3" Base, Chrome	BI	25	25
	CAST BRASS - IPS			
923-2521C04	3/8" IPS, Cast Brass w/ Set Screw, Chrome, 1/Bag	BI	1	200
923-2522C04	1/2" IPS, Cast Brass w/ Set Screw, Chrome, 1/Bag	BI	1	200
923-2526C04	1-1/2" IPS, Cast Brass w/ Set Screw, Chrome, 1/Bag	BI	1	200
923-2527C04	2" IPS, Cast Brass w/ Set Screw, Chrome, 1/Bag	BI	1	200
	CAST BRASS - TUBULAR			
923-2536C04	1-1/2" OD Tubular, Cast Brass w/ Set Screw, Chrome, 1/Bag	BI	1	200

923-2322C00

923-2435C00

923-2522C04

Metal Escutcheons

Hinged Floor & Ceiling Plates

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CTS			
923-1612C01	1/2" CTS (5/8" OD), Chrome, 1/Bag	BI	12	12
923-1613C01	3/4" CTS (7/8" OD), Chrome, 1/Bag	BI	12	12
923-1614C01	1" CTS (1-1/8" OD), Chrome, 1/Bag	BI	12	120
923-1615C01	1-1/4" CTS (1-3/8" OD), Chrome, 1/Bag	BI	12	12
923-1616C01	1-1/2" CTS (1-5/8" OD), Chrome, 1/Bag	BI	12	12

923-1612C01

923-1625C01

Metal Escutcheons (Cont)

Hinged Floor & Ceiling Plates

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	IPS			
923-1622C01	1/2" IPS, Chrome, 1/Bag	BI	12	12
923-1623C01	3/4" IPS, Chrome, 1/Bag	BI	12	12
923-1624C01	1" IPS, Chrome, 1/Bag	BI	12	120
923-1625C01	1-1/4" IPS, Chrome, 1/Bag	BI	12	12
923-1626C01	1-1/2" IPS, Chrome, 1/Bag	BI	12	12
923-1627C01	2" IPS, Chrome, 1/Bag	BI	12	12

290-21104

Sink/Faucet Repair

Faucet Aerators

- 2.2 GPM maximum

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
290-21100	Dual 15/16"-27 Thread Male × 55/64"-27 Thread Female, Non-Slotted, Chrome	BI	48	48
290-21104	Small 13/16"-27 Thread Male, Non-Slotted, Chrome	BI	48	48
290-21110	Aerator Adapter - Dual 15/16"-27 Thread Male × 55/64"-27 Thread Female × 3/4" MHT, Chrome	BI	5	250

291-30380

Sink/Faucet Repair

O-Rings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
291-30380	Buna-N O-Rings, 150-Piece Kit	BI	10	10

961-20155

Sink/Faucet Repair

Faucet Hole Covers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
961-20155	Plastic, 1-3/4" w/ O-Ring And Wing Nut , White	BI	1	25
961-6	Metal, 1-3/4" w/ Toggle Nut, Chrome	B	25	25
961-7	Metal, 2" w/ Wing Nut, Chrome	B	25	25

Sink/Faucet Repair

NoPutty™ Gaskets

Related Products
Basket Strainers and Sink Drains p 571

290-20320

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	KITCHEN SINK & SHOWER DRAIN			
290-20320	4-1/4" OD × 3-3/8" ID	B	100	1000
290-20320PK2	4-1/4" OD × 3-3/8" ID, 4/Bag	CI	12	12
	LAVATORY DRAINS & KITCHEN HOSE SPRAY			
290-20322	2" OD × 1-1/2" ID	B	100	1000
290-20322PK2	2" OD × 1-1/2" ID, 4/Bag	CI	12	12
	BATHTUB & BAR SINK			
290-20324	2-3/4" OD × 2" ID	B	100	1000
290-20324PK2	2-3/4" OD × 2" ID, 4/Bag	CI	12	12

Sink/Faucet Repair

Kitchen Hose Spray

242-10

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
242-10	Spray Head & Hose Kit w/ Universal Connection, Black, 1/Bag	BI	10	10
242-20	Hose Guide, Plastic w/ Polished Stainless Steel Skirt, Black, 1/Bag	BI	25	100
242-20102	Spray Head & Hose Kit w/ Universal Connection, White, 1/Bag	BI	10	10
242-20116	Hose Guide, Plastic w/ Polished Stainless Steel Skirt, White, 1/Bag	BI	25	25
242-25	Universal Spray Head Only, Black, 1/Bag	BI	10	10

Dishwasher/Disposal Drain

Drain Hose

- Vinyl hose has maximum operating temperature of 185°F
- EPDM hose has maximum operating temperature of 225°F

905

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EPDM HOSE			
900-12256N00101	5/8" ID × 7/8" OD (1/8" Wall) Black 10' Coil	BI	5	5
905	Dishwasher Drain Hose 5/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Box)	B	1	1
905-PK	Dishwasher Drain Hose 5/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Foot)	B	50	50
906	Dishwasher Drain Hose 7/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Box)	B	1	1
906-PK	Dishwasher Drain Hose 7/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Foot)	B	50	50

900-04258N00505

Dishwasher/Disposal Drain (Cont)

Drain Hose

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRAIDED VINYL HOSE			
900-04258N00101	Dishwasher Drain Hose 5/8" × 1" OD (3/16" Wall), 10' Coil	BI	10	10
900-04258N00505	Dishwasher Drain Hose 5/8" × 1" OD (3/16" Wall), 50' Reel	BI	1	1
900-04338N00021	7/8" ID × 1-1/4" OD (3/16" Wall) × 2'	BI	12	12
900-04338N00101	Dishwasher Drain Hose 7/8" ID × 1-1/4" OD (3/16" Wall), × 10' Coil	BI	5	5

IMG_0273

Dishwasher/Disposal Drain

Dishwasher Adapter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
902	Black Elastomer Universal Adapter w/ 2 Stainless Worm Clamps, Bagged	BI	50	50

249

Dishwasher/Disposal Drain

Dishwasher Air Gaps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
249	Heavy-Duty Air Gap w/ Brass Cap, 1/2" Inlet And 3/4" Outlet, Chrome, 1/Bag	BI	25	50
249-20135	Economy Air Gap w/ Poly Cap, 1/2" Inlet And 3/4" Outlet, Chrome, 1/Box	BI	50	50

239

Dishwasher/Disposal Drain

Auto Vent

- For secondary venting only. Each drainage system must have a main vent stack
- Sealing disc of auto vent must be located at least 6" above the top of the trap arm.
- To be installed in a readily accesible location with free flow of air, never in a sealed wall cavity.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
239	Trap Vent ABS 1-1/2" MPT	B	50	50
239PK2	Trap Vent ABS 1-1/2" MPT, 1/Bag	CI	10	10

290-20180

Dishwasher/Disposal Drain

Disposal Drain

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
290-20180	Replacement In-Sink-Erator Disposal Elbow Gasket Only	B	5	25
290-20185	1-1/2" × 7" Disposal Waste Elbow, 1/Bag	BI	12	12

Lav/Sink Accessories

Lavatory Legs

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
974-95650004	Lavatory (China Or Iron) Basin Legs, Chrome, 2/Box	BI	1	12
974-95650304	Lavatory (China Only) Basin Legs, Chrome, 2/Box	BI	1	12

974-95650304

Notes:

Closet Specialties

Closet Bolts

Bolt Caps

WedgeIt™

Closet Bowl Gaskets

Tank-to-Bowl Repair

Toilet Fill Valves

Toilet Flush Valves

Tank Handles

Repair Items

The PlumbPerfect™ is the original nylon closet bolt - and is Made in the USA.
Beware of look-alikes, the PlumbPerfect has a tensile strength of over 1,100 lbs. per bolt.

416-PB **Page 607**	**425** **Page 607**	**440-2W** **Page 607**	**460-10** **Page 608**	**402-10** **Page 608**
490-10555 **Page 609**	**490-1080M2KIT** **Page 609**	**490-10465** **Page 609**	**490-11100** **Page 610**	**490-10700** **Page 611**
490-10108 **Page 611**				

Closet Bolts

Solid Brass Bolts

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
410-PB	1/4" × 2-1/4", 2/Bag	BI	50	50
411-PB	1/4" × 3-1/2", 2/Bag	BI	50	50
415-PB	5/16" × 1-3/4", 2/Bag	BI	50	50
416-PB	5/16" × 2-1/4", 2/Bag	BI	50	50
417	1/4"-20", 7/16" Hex Nut, Nickel-Plated Steel	B	100	1000
418	5/16"-18", 9/16" Hex Nut, Nickel-Plated Steel	BI	100	1000
419	5/16" Washer, Nickel-Plated Steel	B	100	5000
	SNAPIT™ SOLID BRASS BOLTS			
412-PB	1/4" × 2-1/4" With Captive Washer, 2/Bag	BI	50	50
414-PB	5/16" × 2-1/4"With Captive Washer, 2/Bag	BI	50	50

410-PB

412-PB

PlumbPerfect™

Glass-Filled Nylon

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
425	2-1/2" Bolts w/ Open Nut, Bulk Box	B	100	100
425-PB	2-1/2" Bolts w/ Open Nut, 2/Bag	BI	50	50
427	3-1/2" Bolts w/ Open Nut, Bulk	B	100	100
427-PB	3-1/2" Bolts w/ Open Nut, 2/Bag	BI	50	50

425

SmartCap™

Bolt Caps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WHITE			
440-2W	Cap w/ 425-PB Bolts, 2/Bag	CI	25	25
442-2W	Cap Only, 2/Bag	CI	25	25
	BONE			
442-2B	Cap Only, 2/Bag	CI	25	25

440-2W

442-2B

Closet Bolt Cover Cap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-11240	Economy Cap, White, 2/Bag	BI	25	500

490-11240

460-10

460-11310

Wedgelt™

Closet Shims

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STIFF POLYPROPYLENE			
460-10	Closet Wedge, Bulk	B	100	1000
460-10J	Closet Wedge, 10/Bag, 20 Bar-Coded Bags In A Dispenser Box	BI	1	1
460-11300	Closet Wedge, 10/Bag	B	10	10
	SOFT PVC			
460-11310	Closet Wedge, 10/Bag	B	10	10
460-20	Closet Wedge, Bulk	B	100	1000
460-20J	Closet Wedge, 10/Bag, 20 Bar-Coded Bags In A Dispenser Box	BI	1	1

402-10

402-427

Closet Bowl Gaskets

Wax

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	GASKET ONLY			
402-10	Gasket w/ Poly Flange, 1/Box	B	24	24
	GASKET KITS			
402-410	(1) Gasket With Poly Flange, (2) 410-PB 1/4" × 2-1/4" Solid Brass Bolts & (2) 460-20 Soft PVC Wedges, 1/Kit	BI	24	24
402-427	(1) Gasket With Poly Flange, (2) 427-PB PlumbPerfect™ 3-1/2" Bolts, 1/Kit	BI	24	24
402-440	(1) Gasket With Poly Flange, (2) 425-PB PlumbPerfect™ 2-1/2" Bolts & (2) Smart Caps, 1/Kit	BI	24	24

490-10540

490-10545

Closet Bowl Gaskets

Waxless Foam

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-10540	5-3/8" OD × 3-3/8" ID × 9/16" High, Sponge Rubber	B	10	10
490-10541	5-1/4" OD × 3-7/16" ID × 1/2" High, Sponge Rubber	B	10	10
490-10542	5-3/8" OD × 3-1/2" ID × 3/4" High, Sponge Rubber	B	10	10
490-10543	5-5/8" OD × 3-1/2" ID × 1" High, Sponge Rubber	B	10	10
	WITH CLOSET BOLT HOLES			
490-10545	6-3/4" OD × 3-1/2" ID × 3/8" High, Sponge Rubber	B	10	10
490-10546	6-3/4" OD × 3-1/2" ID × 9/16" High, Sponge Rubber	B	10	10
490-10547	6-3/4" OD × 3-1/2" ID × 3/4" High, Sponge Rubber	B	10	10
490-10548	6-3/4" OD × 3-1/2" ID × 1" High, Sponge Rubber	B	10	10

Tank-To-Bowl Repair

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BOLTS			
452-PB	23/32" Head, 2/Bag	BI	50	50
490-10500	Deluxe w/ 7/8" Head, 2/Bag	BI	1	50
	KITS			
490-10555	Universal Kit Includes Gasket And 2 Bolts, 1/Bag	BI	25	25
490-10560	American Standard Kit Includes Gasket And 2 Bolts, 1/Bag	BI	25	25
490-10565	Gerber Kit Includes Gasket And 2 Bolts, 1/Bag	BI	25	25
490-10570	Kohler Kit Includes Gasket And 3 Bolts, 1/Bag	BI	25	25
490-10572	Kohler Kit Includes Sponge Rubber Gasket And 3 Bolts, 1/Bag	BI	25	25
490-10575	Eljer Kit Includes Gasket And 2 Bolts, 1/Bag	BI	25	25
490-10585	Mansfield Kit Includes Gasket And 3 Bolts, 1/Bag	BI	25	25
	GASKETS			
490-10656	Universal	BI	25	25
490-10661	American Standard	BI	25	25
490-10666	Gerber	BI	25	25
490-10673	Kohler Green	BI	25	25
490-10676	Eljer	BI	25	25

452-PB

490-10555

490-10661

Toilet Tank Fill Valves

Governor™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-1080M2KIT	Governor 80M2 Adjustable Toilet Fill Valve & Flapper Kit, 1/Clamshell	BI	1	5

490-1080M2KIT

Toilet Tank Fill Valves

Anti-Siphon

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-10465	8-1/2" Hoov-R-Line Replacement	BI	12	12

490-10465

Toilet Tank Flush Valves

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FLUSH VALVES			
490-11150	8" w/ Flapper	BI	12	12
490-11151	10" w/ Flapper	BI	12	12

490-11150

490-10325

ELJER Touch Flush KIT

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-10325	Eljer Touch Flush Tank Ball And Handle Set	BI	12	12

490-11100

Tank Handles

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-11100	Universal Metal Handle w/ Die Cast Nut & Cushion Washer, Chrome, 1/Bag	BI	25	25
490-11120	Deluxe Metal Handle w/ Brass Nut & Cushion Washer, Chrome, 1/Bag	BI	15	15
490-11140	Mansfield ABS, Chrome, 1/Bag	BI	12	12
490-11157	American Standard ABS Neo Mount, Chrome, 1/Bag	BI	12	12
490-11159	Eljer Side Mount w/ Brass Arm, Chrome, 1/Bag	BI	12	12

886-MR

Ringer™

Stainless Steel Repair Ring

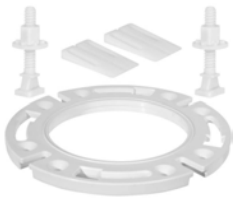
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-MR	Stnls Steel Closet Ring	CI	20	20

886-MRM

Two-Piece Repair Ring

Galvanized Steel Repair Ring

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-MRM	Two-Piece Flange Repair Ring Kit, 1/Card	CI	8	8


886-411

Raise-A-Ring™

Closet Flange Extension Ring

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-411	Raise-A-Ring Kit: One 886-R Ring w/ Closet Bolts And Two Shims, Bagged	CI	20	20
886-R	7/16" Thick Flange Extension Ring, Carded	CI	20	20
886-RQ	1/4" Thick Flange Extension Ring	CI	20	20
886-RQK	Raise-A-Ring Kit: Three 886-Rq Rings w/ Closet Bolts, Bagged	BI	25	25

QuickSpacer™

Closet Flange Spacer Ring

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
886-ER	3/4" Closet Flange Spacer Ring	BI	25	25

886-ER

Save-A-Flange™

Broken Flange Repair Kit

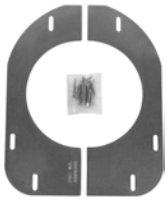
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-11320	Closet Flange Repair Kit	BI	1	10

490-11320

Closet Flange Floor Support

Galvanized Steel Support Plates

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
490-11322	Floor Flange Support For Closet Flange, 1/Bag	CI	1	10



490-11322

Misc Closet Repair

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SLOAN VACUUM BREAKER			
490-10700	Sloan Vacuum Breaker Kit	BI	12	12
	FLAPPERS			
490-10108	Blue Vinyl Chemical Resistant Flapper w/ 9" Stainless Steel Chain And Hook	BI	25	25
490-10110	Clear Vinyl Chemical Resistant 3-Way Flapper w/ 9" Stainless Steel Chain And Hook	BI	25	25
490-10112	Clear Vinyl Chemical Resistant 1.6 GPF Flapper w/ 4 Orifices, 9" Stainless Steel Chain And Hook	BI	25	25
490-10115	Kohler Round Replacement Flapper w/ 8" Stainless Steel Chain And Hook For 1 Pc. Toilets	BI	25	25
490-10117	Kohler Rialto One-Piece Replacement Flapper	BI	25	25
490-10120	ABS Flapper w/ TPR Seal, Replaces Kohler, American Standard And Coast.	BI	25	25
490-10122	TPR Seal Only For 490-10120 Flapper, 1/Bag	BI	25	25

490-10700

490-10108

490-10206

Misc Closet Repair (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	REPLACEMENT PARTS			
490-10206	Replacement 3" Tank Ball For Douglas Flush Valve	BI	25	25
490-10211	Replacement Tank Ball For Eljer Touch-Flush	BI	1	50
490-10302	American Standard Flush Valve Disc, Snap-On	BI	25	25
490-10312	American Standard Flush Valve Disc, Screw-On	BI	25	25
490-10320	American Standard Flush Valve Seal	BI	1	50
490-10340	Mansfield Old Style Flush Valve Gasket	BI	25	25
490-10341	Mansfield New Style Flush Valve Gasket	BI	25	25
490-10451	Float Ball Poly Bulk	BI	24	24

Tub/Shower Specialties

Tub Spouts

DrySeal™ Pipe Collar

Shower WallNut™

Shower Arms

Shower Heads

Add-A-Shower

The innovative SmartSpout™ tightens flush to the finished wall – No Gap!

The patented design installs over copper tube and uses an internal mechanism to pull itself tightly to the wall so no caulking is needed.

 972-36 **Page 615**	 **972-100** **Page 615**	 **616-02C** **Page 616**	 **974-60306** **Page 616**	 **974-60300** **Page 616**
 974-68200301 **Page 617**				

Tub Spouts

SmartSpout™

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH DIVERTER			
972-36	5/8" OD Slip Connect, Chrome, 1/Box	BI	1	18
972-362PK2	5/8" OD Slip Connect & Adapter Kit, Satin Nickel, 1/Clamshell	BI	6	6
972-36MB	5/8" OD Slip Connect, Matte Black, 1/Box	BI	1	18
972-36RB	5/8" OD Slip Connect, Oil-Rubbed Bronze, 1/Box	BI	1	18
972-36SN	5/8" OD Slip Connect, Satin Nickel, 1/Box	BI	1	18
	NON-DIVERTER			
972-32	5/8" OD Slip Connect, Chrome, 1/Box	BI	1	18
972-32RB	5/8" OD Slip Connect, Oil-Rubbed Bronze, 1/Box	BI	1	18
972-32SN	5/8" OD Slip Connect, Satin Nickel, 1/Box	BI	1	18
	REPAIR ADAPTER			
972-3RA	1/2" CTS Extension Only, 5/Bag	B	1	10

972-36

972-32RB

Tub Spouts

Standard

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	WITH DIVERTER			
972-15	1/2" FIP At Nose, Chrome, 1/Box	B	1	50
972-35	5/8" OD Slip Connect w/ 1-3/8" Adjustment, Chrome, 1/Box	B	1	50
	NON-DIVERTER			
972-10	1/2" FIP At Nose, Chrome, 1/Box	B	1	50
972-20	3/4" FIP Connection At Nose (w/ 3/4"X 1/2" Bushing), Chrome, 1/Box	B	1	50
972-30	5/8" OD Slip Connect w/ 1-3/8" Adjustment, Chrome, 1/Box	B	1	50
	ACCESSORIES			
972-100	Brass Escutcheon w/ Foam Gasket, Chrome, 1/Bag	BI	1	12

972-35

972-10

972-100

DrySeal™ Pipe Collar

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	CTS			
928-2	1/2" CTS	B	50	500
	IPS			
928-12	1/2" IPS	B	50	500

928-2

616-02C

307-625

Shower WallNut™

- DO NOT use thread sealant or P.T.F.E. tape on Shower WallNut™ end of shower arm
- Warning: the Shower WallNut™ system MUST be installed using a copper stub out and #525-16WLB bracket for warranty coverage.

Related Products
Shower WallNut™ LockBlock™ p 500

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SHOWER ARM ADAPTER			
616-02BM	Shower Arm Adapter, Matte Black, 1/Bag	BI	1	25
616-02C	Shower Arm Adapter, Chrome, 1/Bag	BI	25	25
616-02RB	Shower Arm Adapter, Oil-Rubbed Brnz, 1/Bag	BI	1	25
616-02SN	Shower Arm Adapter, Satin Nickel, 1/Bag	BI	1	25
	TOOLS			
307-616	Shower Wallnut Removal Tool	BI	1	10
307-625	Shower Arm Installation Tool	BI	6	6

974-60306

974-60315

Shower Arms

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
974-60306	6" Brass Shower Arm, Chrome	BI	1	25
974-60308	8" Brass Shower Arm, Chrome	BI	1	25
	"S" ARM			
974-60315	10" Brass S-Pattern Shower Arm, Chrome	BI	1	10

974-60300

Shower Heads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
974-60300	Showerhead Replacement 1-3/4" Face w/ Adjustable Spray, Chrome, 1/Box	BI	1	6

Add-A-Shower

Add-A-Shower

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BATH COCK TYPE			
974-68100304	Bath Cock Type Add-On Shower Assembly Kit, Chrome, 1/Box	BI	1	1
974-68200301	Bath Cock Type Add-On Shower Assembly Kit w/ Curtain Ring, Chrome, 1/Box	BI	1	4
974-686003C04	Diverter, Bath Cock Only, Chrome, 1/Box	BI	1	24
	SPOUT TYPE			
974-68000304	Spout Type Add-On Shower Assembly Kit, Chrome, 1/Box	BI	1	1

974-68200301

974-68000304

Add-A-Shower

Add-A-Rod

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
974-660303L04	5' Polished Aluminum Shower Rod Less Flanges	B	50	50
974-662303L04	6' Polished Aluminum Shower Rod Less Flanges	B	50	50
974-6633032H04	Corner Shower Rod w/ Support & Flanges, Polished Aluminum, 1/Box	BI	1	1
	ACCESSORIES			
974-84410301	Shower Rod Ceiling Flange Only, Chrome, 1/Bag	BI	1	50
974-85033201	Jiffy Adjustable Shower Rod Flange, ABS, Chrome, 2/Bag	BI	1	100

974-85033201

Notes:

Tubing & Hose

Vinyl Tubing

Polyethylene Tubing

Hose

Fuel Line

Gasket Material

Tubing & Hose

Vinyl Tubing

Clear and black vinyl tubing is flexible and easy to connect for a variety of applications. Braided options available for higher-pressures. Not for use as dishwasher or ice maker supply.

Polyethylene Tubing

Flexible polyethylene tubing can be used for dishwasher or ice maker supply, as well as other fixtures/appliances.

Hose

A variety of supply and drain hoses in assorted materials and sizes for various applications.

Fuel Line

Flexible tubing for fuel lines in small engines and motors.

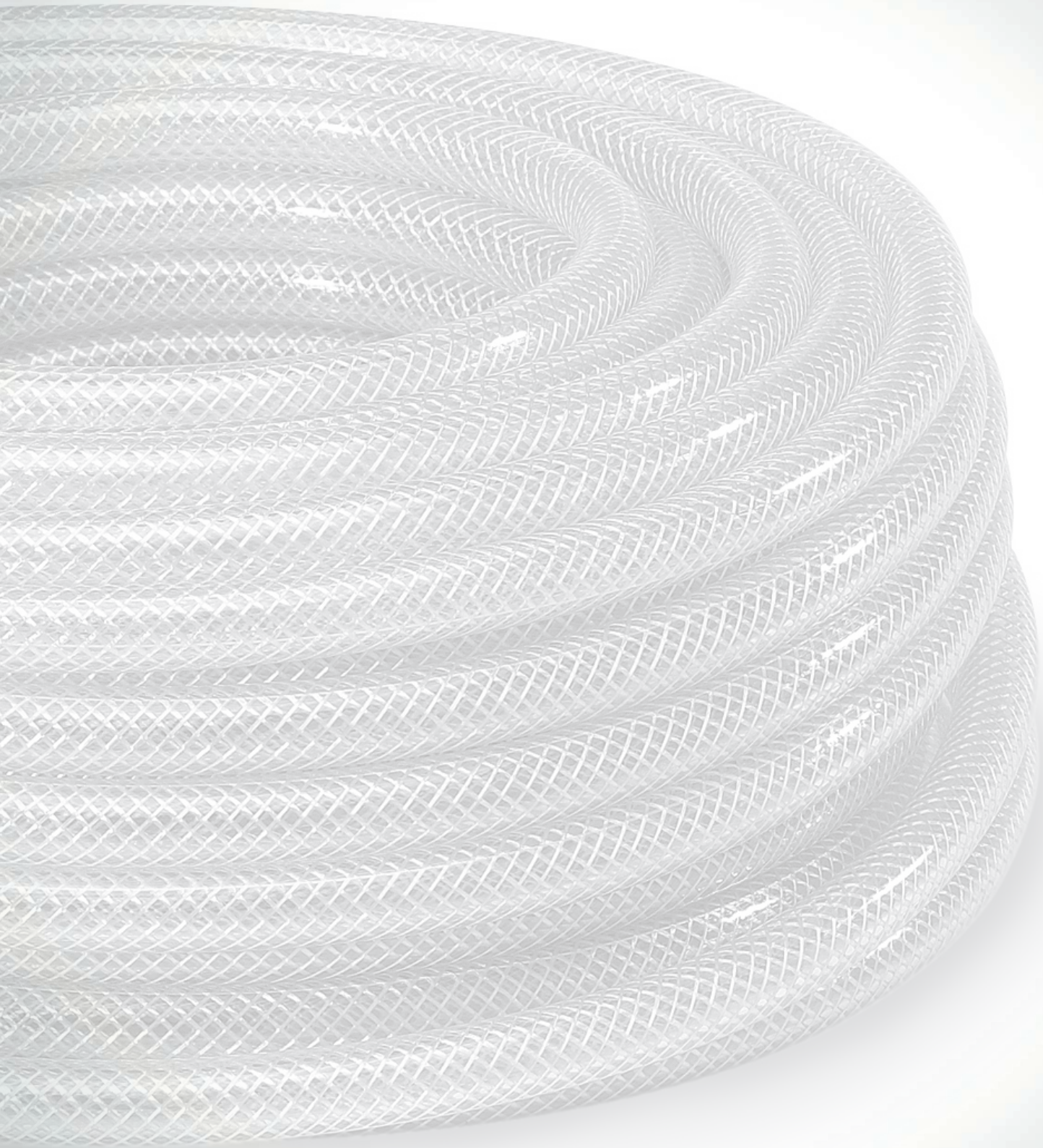
Gasket Material

Sheet material designed for cutting custom replacement gaskets and other flat seals.

Vinyl Tubing

Clear Vinyl Tubing

Black Vinyl Tubing



Clear Vinyl Tubing

Clear Standard Tubing

- Do NOT use with ice makers or dishwashers

900-01023C01005

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/8" I.D.			
900-01021C04005	1/8" ID × 3/16" OD (1/32" Wall) 400' EZ Dispenser	BI	1	1
900-01023C01005	1/8" ID × 1/4" OD (1/16" Wall) 100' Reel	BI	1	1
	17/100" I.D.			
900-01030C00101	17/100" ID × 1/4" OD (1/25" Wall) 10' Coil	CI	10	10
900-01030C00201	17/100" ID × 1/4" OD (1/25" Wall) 20' Coil	CI	10	10
900-01030C04005	17/100" ID × 1/4" OD (1/25" Wall) 400' Reel	BI	1	1
	3/16" I.D.			
900-01053C00101	3/16" ID × 5/16" OD (1/16" Wall) 10' Coil	CI	10	10
900-01053C00201	3/16" ID × 5/16" OD (1/16" Wall) 20' Coil	CI	10	10
900-01053C03005	3/16" ID × 5/16" OD (1/16" Wall) 300' Reel	BI	1	1
	1/4" I.D.			
900-01103C00101	1/4" ID × 3/8" OD (1/16" Wall) 10' Coil	CI	10	10
900-01103C00201	1/4" ID × 3/8" OD (1/16" Wall) 20' Coil	CI	10	10
900-01103C00501	1/4" ID × 3/8" OD (1/16" Wall) 50' Coil	CI	2	2
900-01103C02505	1/4" ID × 3/8" OD (1/16" Wall) 250' Reel	BI	1	1
	5/16" I.D.			
900-01153C00101	5/16" ID × 7/16" OD (1/16" Wall) 10' Coil	CI	10	10
900-01153C00201	5/16" ID × 7/16" OD (1/16" Wall) 20' Coil	CI	10	10
900-01153C02005	5/16" ID × 7/16" OD (1/16" Wall) 200' EZ Dispenser	BI	1	1
	3/8" I.D.			
900-01163C00101	3/8" ID × 1/2" OD (1/16" Wall) 10' Coil	CI	10	10
900-01163C00201	3/8" ID × 1/2" OD (1/16" Wall) 20' Coil	CI	10	10
900-01163C00501	3/8" ID × 1/2" OD (1/16" Wall) 50' Coil	BI	1	1
900-01163C01005	3/8" ID × 1/2" OD (1/16" Wall) 100' Reel	BI	1	1
900-01164C01005	3/8" ID × 9/16" OD (3/32" Wall) 100' EZ Dispenser	BI	1	1
	1/2" I.D.			
900-01203C00101	1/2" ID × 5/8" OD (1/16" Wall) 10' Coil	CI	10	10
900-01203C00201	1/2" ID × 5/8" OD (1/16" Wall) 20' Coil	CI	10	10
900-01203C00501	1/2" ID × 5/8" OD (1/16" Wall) 50' Coil	BI	1	1
900-01203C01005	1/2" ID × 5/8" OD (1/16" Wall) 100' Reel	BI	1	1
900-01206C00101	1/2" ID × 3/4" OD (1/8" Wall) 10' Coil	CI	10	10
900-01206C01005	1/2" ID × 3/4" OD (1/8" Wall) 100' Reel	BI	1	1
	5/8" I.D.			
900-01253C00101	5/8" ID × 3/4" OD (1/16" Wall) 10' Coil	CI	10	10
900-01253C00201	5/8" ID × 3/4" OD (1/16" Wall) 20' Coil	CI	5	5
900-01253C01005	5/8" ID × 3/4" OD (1/16" Wall) 100' EZ Dispenser	BI	1	1
900-01256C00101	5/8" ID × 7/8" OD (1/8" Wall) 10' Coil	CI	5	5
900-01256C01005	5/8" ID × 7/8" OD (1/8" Wall) 100' Reel	BI	1	1
	3/4" I.D.			
900-01306C00101	3/4" ID × 1" OD (1/8" Wall) 10' Coil	CI	10	10
900-01306C00201	3/4" ID × 1" OD (1/8" Wall) 20' Coil	CI	5	5
900-01306C00755	3/4" ID × 1" OD (1/8" Wall) 75' Reel	BI	1	1

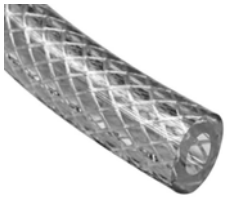
Clear Vinyl Tubing (Cont)

Clear Standard Tubing

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1" I.D.			
900-01406C00021	1" ID × 1-1/4" OD (1/8" Wall) 2' Length	CI	5	5
900-01406C00101	1" ID × 1-1/4" OD (1/8" Wall) 10' Coil	CI	5	5
900-01406C00505	1" ID × 1-1/4" OD (1/8" Wall) 50' Reel	BI	1	1
900-01406C01005	1" ID × 1-1/4" OD (1/8" Wall) 100' Reel	BI	1	1
	1-1/4" I.D.			
900-01508C00255	1-1/4" ID × 1-5/8" OD (3/16" Wall) 25' Reel	BI	1	1
900-01508C00504	1-1/4" ID × 1-5/8" OD (3/16" Wall) 50' Reel	BI	1	1
	1-1/2" I.D.			
900-01608C00505	1-1/2" ID × 1-7/8" OD (3/16" Wall) 50' Reel	BI	1	1

Clear Vinyl Tubing

Clear Braided



900-02106C00101

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" I.D.			
900-02106C00101	1/4" ID × 1/2" OD (1/8" Wall) 10' Coil	CI	10	10
	3/8" I.D.			
900-02166C00101	3/8" ID × 5/8" OD (1/8" Wall) 10' Coil	CI	10	10
900-02166C01505	3/8" ID × 5/8" OD (1/8" Wall) 150' Reel	BI	1	1
	1/2" I.D.			
900-02206C00101	1/2" ID × 3/4" OD (1/8" Wall) 10' Coil	CI	10	10
900-02206C01005	1/2" ID × 3/4" OD (1/8" Wall) 100' Reel	BI	1	1
	5/8" I.D.			
900-02256C00101	5/8" ID × 7/8" OD (1/8" Wall) 10' Coil	CI	10	10
900-02256C00755	5/8" ID × 7/8" OD (1/8" Wall) 75' Reel	BI	1	1
	3/4" I.D.			
900-02306C00101	3/4" ID × 1" OD (1/8" Wall) 10' Coil	CI	10	10
900-02306C00755	3/4" ID × 1" OD (1/8" Wall) 75' Reel	BI	1	1
	1" I.D.			
900-02408C00101	1" ID × 1-3/8" OD (3/16" Wall) 10' Coil	CI	5	5
900-02408C00505	1" ID × 1-3/8" OD (3/16" Wall) 50' Reel	BI	1	1
	1-1/4" I.D.			
900-02509C00021	1-1/4" ID × 1-3/4" OD (1/4" Wall) 2' Length	CI	5	5
900-02509C00505	1-1/4" ID × 1-3/4" OD (1/4" Wall) 50' Reel	BI	1	1
	1-1/2" I.D.			
900-02609C00021	1-1/2" ID × 2" OD (1/4" Wall) 2' Length	CI	5	5
900-02609C00505	1-1/2" ID × 2" OD (1/4" Wall) 50' Reel	BI	1	1

Black Vinyl Tubing

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" I.D.			
900-01163N00101	3/8" ID × 1/2" OD (1/16" Wall) 10' Coil	CI	5	5
	1/2" I.D.			
900-01203N00101	1/2" ID × 5/8" OD (1/16" Wall) 10' Coil	CI	5	5
	3/4" I.D.			
900-01306N00101	3/4" ID × 1" OD (1/8" Wall) 10' Coil	CI	5	5

900-01163N00101

Notes:

Polyethylene Tubing

Low-Density Polyethylene Tubing

Low-Density Polyethylene Tubing

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" O.D.			
901-03020W00251	1/4" OD × 17/100" ID (1/25" Wall) 25' Coil	CI	10	10
901-03020W00501	1/4" OD × 17/100" ID (1/25" Wall) 50' Coil	CI	5	5
901-03020W01001	1/4" OD × 17/100" ID (1/25" Wall) 100' Coil	BI	1	1
901-03020W01005	1/4" OD × 17/100" ID (1/25" Wall) 100' Reel	BI	1	1
901-03020W04005	1/4" OD X 17/100" ID (1/25" Wall), 400' Reel	BI	1	1
	5/16" O.D.			
901-03053W00101	5/16" OD × 3/16" ID (1/16" Wall) 10' Coil	CI	5	5
901-03053W03005	5/16" OD × 3/16" ID (1/16" Wall) 300' EZ Dispenser	CI	1	1
	3/8" O.D.			
901-03103W00251	3/8" × OD × 1/4" ID (1/16" Wall) 25' Coil	CI	10	10
901-03103W01005	3/8" OD × 1/4" ID (1/16" Wall) 100' Reel	BI	1	1
901-03103W03005	3/8" OD × 1/4" ID (1/16" Wall) 300' EZ Dispenser	BI	1	1
	1/2" O.D.			
901-03163W00251	1/2" OD × 3/8" ID (1/16" Wall) 25' Coil	CI	5	5
901-03163W01005	1/2" OD × 3/8" ID (1/16" Wall) 100' Reel	BI	1	1
901-03163W02005	1/2" OD × 3/8" ID (1/16" Wall) 200' Reel	BI	1	1

901-03020W00251

Notes:

Hose

Dishwasher/Disposal Hose

Heater Hose

Garden Hose

Flexible PVC Spa Hose

Suction/Discharge Hose

Latex Hose

SIOUX CHIEF MFG.

Dishwasher/Disposal Drain

Drain Hose

- Braided Vinyl = Maximum operating temperature 185°F
- EPDM = Maximum operating temperature 225°F

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EPDM HOSE			
900-12256N00101	5/8" ID × 7/8" OD (1/8" Wall) Black 10' Coil	BI	5	5
905	Dishwasher Drain Hose 5/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Box)	B	1	1
905-PK	Dishwasher Drain Hose 5/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Foot)	B	50	50
906	Dishwasher Drain Hose 7/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Box)	B	1	1
906-PK	Dishwasher Drain Hose 7/8" ID × 50' Coil, EZ Dispenser Box (Unit of Measure Per Foot)	B	50	50
	BRAIDED VINYL HOSE			
900-04258N00101	Dishwasher Drain Hose 5/8" × 1" OD (3/16" Wall), 10' Coil	BI	10	10
900-04258N00505	Dishwasher Drain Hose 5/8" × 1" OD (3/16" Wall), 50' Reel	BI	1	1
900-04338N00021	7/8" ID × 1-1/4" OD (3/16" Wall) × 2'	BI	12	12
900-04338N00101	Dishwasher Drain Hose 7/8" ID × 1-1/4" OD (3/16" Wall), × 10' Coil	BI	5	5

900-04258N00101

900-04338N00255

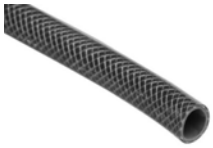
Heater Hose

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EPDM HOSE			
900-12306N00101	3/4" ID × 1 OD (1/8" Wall) Black 10' Coil	BI	5	5

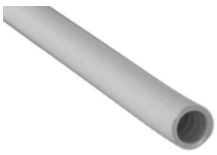
900-12256N00101

Garden Hose

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
900-07256G01505	5/8" ID × 7/8" OD (1/8" Wall) Green 150' Reel	BI	1	1



900-07256G01505

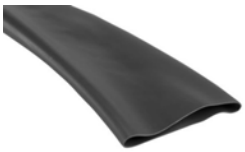


900-16300W00021

Flexible PVC Spa Hose

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
900-16200W01004	1/2" ID × 100' Reel, White	BI	1	1
900-16300W00021	3/4" ID × 2' Stick, White	CI	1	5
900-16300W00101	3/4" ID × 10' Coil, White	BI	1	1
900-16300W01004	3/4" ID × 100' Coil, White	BI	1	1
900-16400W00021	1" ID × 2' Stick, White	CI	1	5
900-16400W00101	1" ID × 10' Coil, White	BI	1	1
900-16400W00504	1" ID × 50' Coil, White	BI	1	1
900-16500W00021	1-1/4" ID × 2' Stick, White	CI	1	5
900-16500W00101	1-1/4" ID × 10' Coil, White	BI	1	1
900-16500W00504	1-1/4" ID × 50' Coil, White	BI	1	1
900-16600W00021	1-1/2" ID × 2' Stick, White	CI	1	5
900-16600W00101	1-1/2" ID × 10' Coil, White	BI	1	1
900-16600W00504	1-1/2" ID × 50' Coil, White	BI	1	1
900-16700W00021	2" ID × 2' Stick, White	CI	1	5
900-16700W00101	2" ID × 10' Coil, White	BI	1	1

900-18300W00061



900-19600B00251

Suction/Discharge Hose

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PUMP & BILGE HOSE			
900-18300W00061	3/4" ID × 6' Coil, White	CI	3	3
900-18430W00061	1-1/8" ID × 6' Coil, White	CI	3	3
	FLAT DISCHARGE HOSE (NON-REINFORCED)			
900-19600B00251	1-1/2" ID × 25' Coil, Blue	CI	5	5
900-19600B00501	1-1/2" ID × 50' Coil, Blue	CI	5	5
900-19700B00251	2" ID × 25' Coil, Blue	CI	5	5
900-19700B00501	2" ID × 50' Coil, Blue	CI	5	5

900-06103Y00101

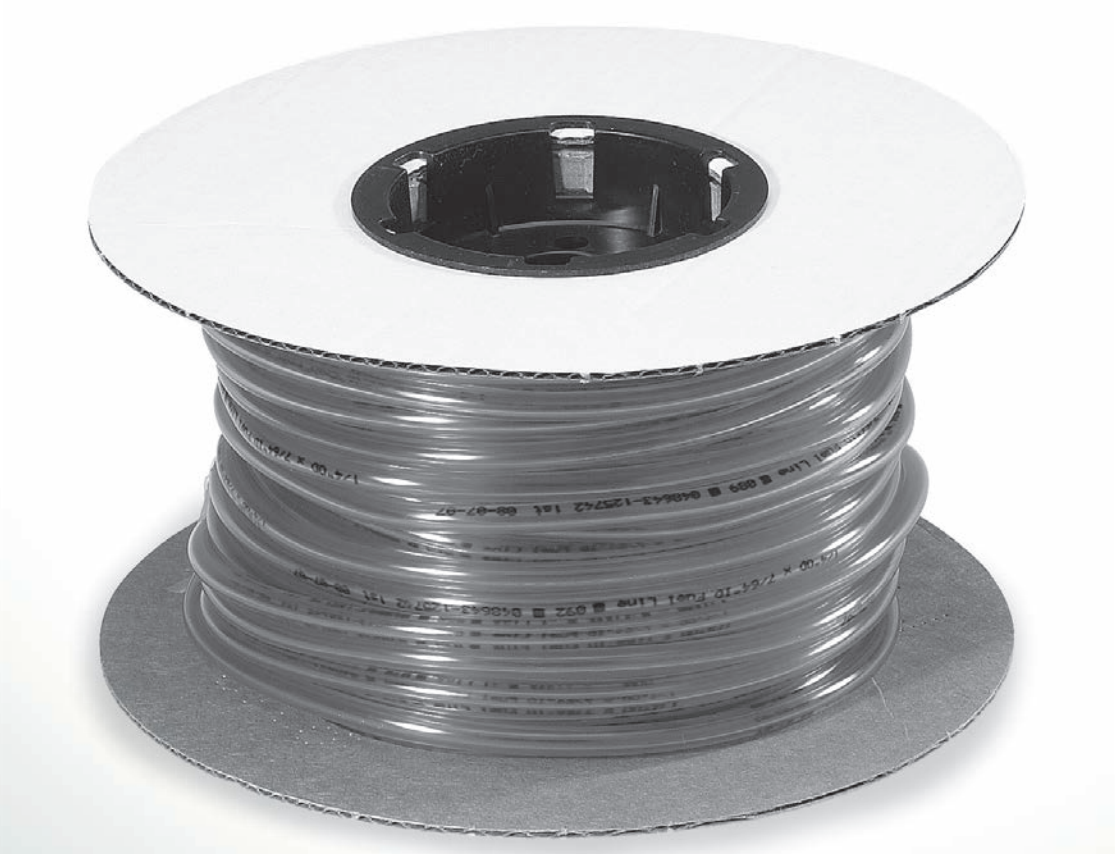
Latex Hose

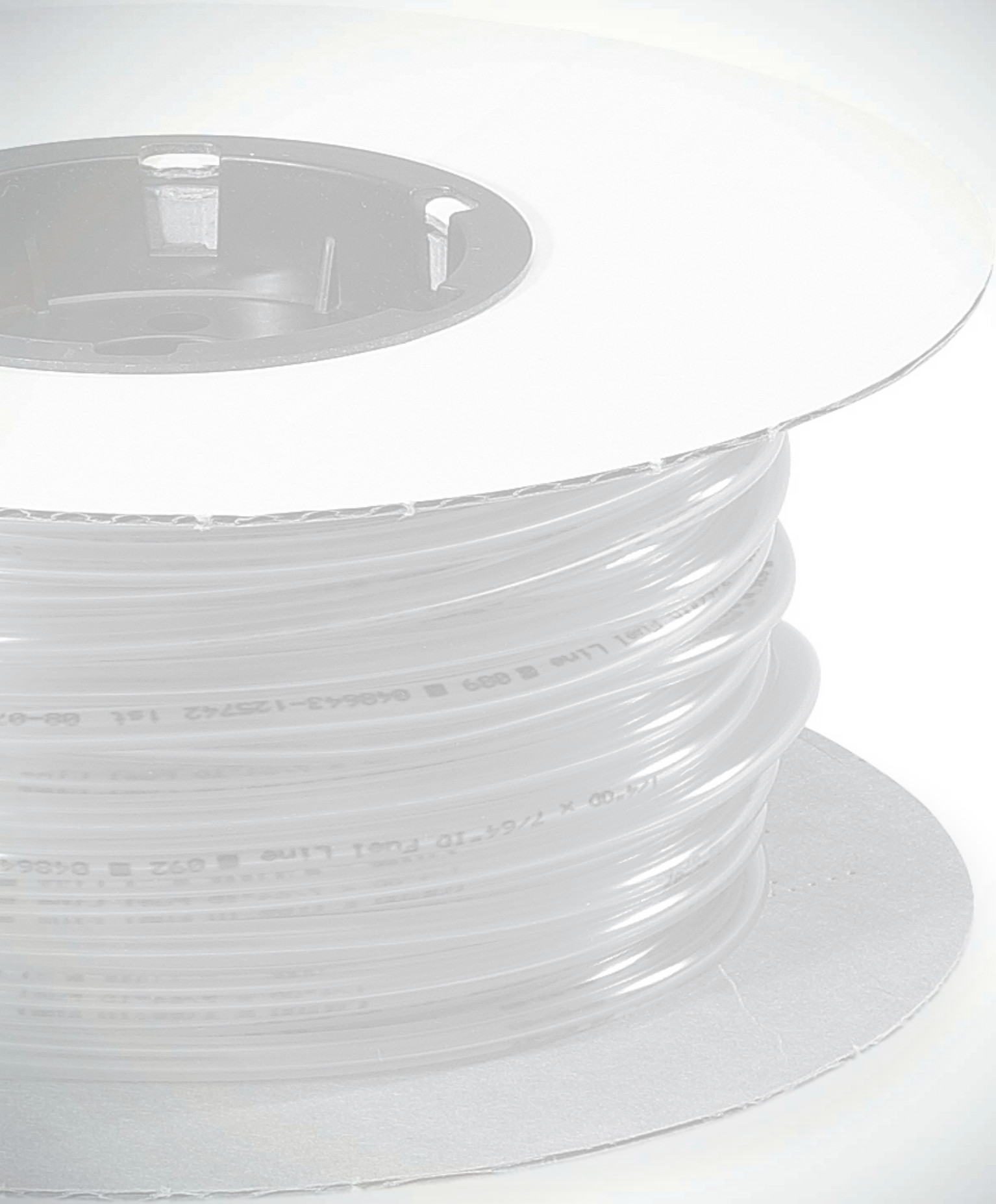
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
900-06103Y00101	1/4" ID × 3/8" OD (1/16 Wall) Yellow 10' Coil	CI	5	5
900-06103Y00505	1/4" ID × 3/8" OD (1/16 Wall) Yellow 50' Reel	BI	1	1

Fuel Line

Polyurethane Micro Fuel Line

Polyester Reinforced Fuel Line

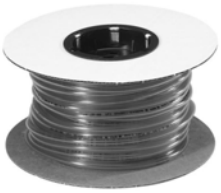




Polyurethane Micro Fuel Line

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" OD			
900-14010R00051	7/64" ID × 1/4" OD, Orange, 5' Coil	BI	10	10
900-14010R01005	7/64" ID × 1/4" OD, Orange, 100' Reel	BI	1	1
900-14023R00101	1/8" ID × 1/4 OD, Orange, 10' Coil	BI	5	5
	3/16" OD			
900-14018R00051	3/32" ID × 3/16 OD, Orange, 5' Coil	BI	10	10
900-14018R01004	3/32" ID × 3/16 OD, Orange, 100' Reel	BI	1	1

900-14010R00051



900-14018R01004

Polyester Reinforced Fuel Line

· NOT FOR FUEL INJECTION APPLICATIONS

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/2" OD			
900-15106N00051	1/4" ID × 1/2", 5' Coil	CI	5	5
900-15106N01005	1/4" ID × 1/2", 100' Reel	BI	1	1
900-15106P00051	1/4" ID × 1/2", 5' Coil	CI	5	5
900-15157P00051	5/16" ID × 9/16", 5' Coil	CI	5	5
900-15166P00051	3/8" ID × 5/8", 5' Coil	CI	5	5
	5/8" OD			
900-15157N00051	5/16" ID × 5/8", 5' Coil	CI	1	10
900-15166N00051	3/8" ID × 5/8", 5' Coil	CI	1	10

900-15106N00051

900-15166N00051

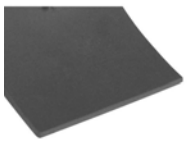
Notes:

Gasket Material

Flat Gasket Material

Flat Gasket Material

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	RED			
899-306R0009	1/8" × 12" Rubber, 9' Reel	BI	1	1



899-306R0018

Notes:

Tubing/Hose Fittings

Compression, Flare

Brass Thread, Nylon Thread

Pipe Nipples, Poly Push Fittings

Hose Barb Fittings

Garden Hose Fittings

Hose Clamps, Valves & Cocks

Pool Hose Fittings

Tubing/Hose Fittings

Compression Fittings

Brass compression fittings for standard and Ander-Lign connections available.

Flare Fittings

Brass flare fittings in standard and fine-thread styles.

Threaded Fittings

Thread fittings in brass and nylon material. Brass fittings in bar-stock, forged, and cast options available.

Pipe Nipples

Threaded pipe nipples in yellow brass, chrome-plated yellow brass, and red brass.

Polypropylene Push Fittings

Easy-to-use polypropylene push fittings for use with LDPE tubing.

Hose Barb Fittings

Fittings and adapters for hose barb connection in brass and nylon material.

Garden Hose Fittings

Fittings and adapters for garden hose connection in brass and nylon material.

Hose Clamps

Stainless steel worm-gear hose clamps and quick-connecting EasyClamps.

Valves & Cocks

Self-piercing and drill-type saddle valves, drain cocks, and shutoff cocks.

Pool Hose Fittings

Couplings and cuff fittings for pool hose.

Brass Compression Fittings

Couplings

Reducing Couplings

Tees

Elbows

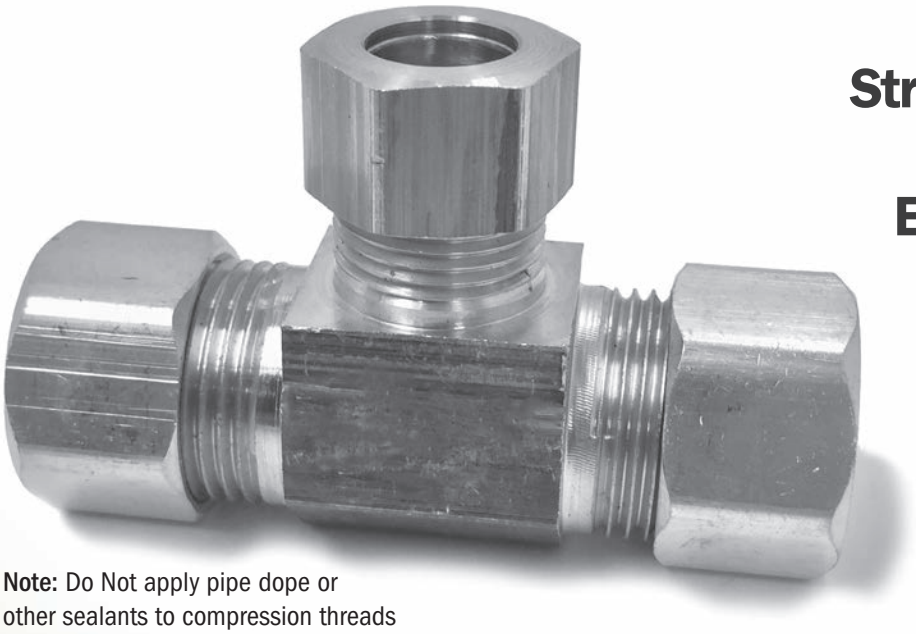
Straight Adapters

Elbow Adapters

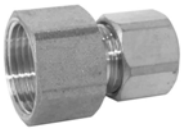
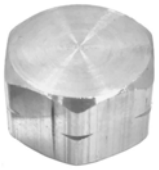
Ferrules

Caps

Nuts & Inserts



Note: Do Not apply pipe dope or other sealants to compression threads

 907-120201 **Page 647**	 **909-13100201** **Page 647**	 **907-201001** **Page 647**	 **907-1916161001** **Page**	 **907-251601** **Page**
 907-40102005 **Page 649**	 **907-44021001** **Page 650**	 **907-43102001** **Page**	 **907-27101601** **Page 651**	 **909-32102001** **Page 652**
 907-011603 **Page 653**	 **907-490201** **Page 653**	 **907-081603** **Page**		

Brass Compression Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPRESSION			
907-120201	1/4" OD Comp, 1/Bag	BI	5	60
907-120205	1/4" OD Comp, 5/Bag	BI	1	60
907-121001	3/8" OD Comp, 1/Bag	BI	5	60
907-121005	3/8" OD Comp, 5/Bag	BI	5	60
907-121601	1/2" OD Comp, 1/Bag	BI	5	60
907-122001	5/8" OD Comp, 1/Bag	BI	5	60
907-123001	7/8" OD Comp, 1/Bag	BI	2	24
	ANDER-LIGN WITH BRASS INSERTS			
909-120201	1/4" OD Ander-Lign, 1/Bag	BI	10	120
909-120501	5/16" OD Ander-Lign, 1/Bag	BI	5	60
909-121001	3/8" OD Ander-Lign, 1/Bag	BI	10	60
909-121601	1/2" OD Ander-Lign, 1/Bag	BI	5	60
909-122001	5/8" OD Ander-Lign, 1/Bag	BI	5	60

907-120201

909-120201

Brass Compression Reducing Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	COMPRESSION			
907-13100201	3/8" × 1/4" OD Comp, 1/Bag	BI	5	60
	ANDER-LIGN WITH BRASS INSERTS			
909-13050201	5/16" × 1/4" OD Ander-Lign, 1/Bag	BI	5	40
909-13100201	3/8" × 1/4" OD Ander-Lign, 1/Bag	BI	5	60
909-13161001	1/2" × 3/8" OD Ander-Lign, 1/Bag	BI	5	60
909-13201001	5/8" × 3/8" OD Ander-Lign, 1/Bag	BI	5	60
909-13302001	7/8" × 5/8" OD Ander-Lign, 1/Bag	BI	2	24

907-13201001

909-13100201

Brass Compression Tees

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE			
907-201001	3/8" OD Comp, 1/Bag	BI	5	60
	REDUCING TEE			
907-1920201601	5/8" × 5/8" × 1/2" OD Comp, 1/Bag	BI	5	60
907-1930302001	7/8" × 7/8" × 5/8" OD Comp, 1/Bag	BI	2	24

907-201001

907-1916161001

909-201001

Brass Compression Tees

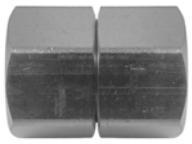
Ander-Lign With Brass Inserts

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE			
909-183001	7/8" OD Ander-Lign, 1/Bag	BI	2	24
909-200201	1/4" OD Ander-Lign, 1/Bag	BI	5	60
909-201001	3/8" OD Ander-Lign, 1/Bag	BI	5	120
909-202001	5/8" OD Ander-Lign, 1/Bag	BI	5	60
	REDUCING TEE			
909-21100201	3/8" × 3/8" × 1/4" OD Ander-Lign, 1/Bag	BI	5	60

909-250201

Brass Compression Elbows

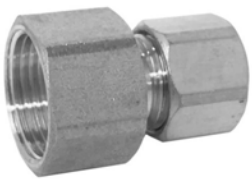
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ANDER-LIGN WITH BRASS INSERTS			
909-250201	1/4" OD Ander-Lign, 1/Bag	BI	5	40
909-251001	3/8" OD Ander-Lign, 1/Bag	BI	5	40
909-251601	1/2" OD Ander-Lign, 1/Bag	BI	5	20
909-252001	5/8" OD Ander-Lign, 1/Bag	BI	5	60
909-263001	7/8" OD Ander-Lign, 1/Bag	BI	2	24


907-541001

Brass Compression Straight Adapters

Female Compression

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FEMALE COMPRESSION × FEMALE COMPRESSION			
907-541001	3/8" OD Female Comp, 1/Bag	BI	5	60
	FEMALE COMPRESSION × COMPRESSION			
907-47100200	3/8" OD Female Comp × 1/4" OD Comp, 100/Box	B	1	10
907-47100201	3/8" OD Female Comp × 1/4" OD Comp, 1/Bag	BI	5	60
907-47151001	7/16" OD Female Comp × 3/8" OD Comp, 1/Bag	BI	5	60
907-47161001	1/2" OD Female Comp × 3/8" OD Comp, 1/Bag	BI	5	40
	ANDER-LIGN × FEMALE COMPRESSION LESS INSERTS			
909-14100201	3/8" OD Ander-Lign × 1/4" OD Female Comp, 1/Bag	BI	5	60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907-40102005

Brass Compression Straight Adapters

Compression × MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" COMPRESSION			
907-40021001	1/4" OD Comp × 1/4" MIP, 1/Bag	BI	5	60

Brass Compression Straight Adapters (Cont)

Compression × MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" COMPRESSION			
907-40101001	3/8" OD Comp × 1/4" MIP, 1/Bag	BI	5	60
907-40102005	3/8" OD Comp × 1/2" MIP, 5/Bag	BI	1	60
907-41102001	3/8" OD Comp × 1/2" MIP, 1/Bag	BI	5	60
	5/8" COMPRESSION			
907-41202001	5/8" OD Comp × 1/2" MIP, 1/Bag	BI	5	60
	7/8" COMPRESSION			
907-40303001	7/8" OD Comp × 3/4" MIP, 1/Bag	BI	2	24

Brass Compression Straight Adapters

Ander-Lign With Brass Insert × MIP

909-40021001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" ANDER-LIGN COMPRESSION			
909-40021001	1/4" OD Ander-Lign × 1/4" MIP, 1/Bag	BI	5	60
909-41020201	1/4" OD Ander-Lign × 1/8" MIP, 1/Bag	BI	5	60
909-41021601	1/4" OD Ander-Lign × 3/8" MIP, 1/Bag	BI	5	60
909-41022001	1/4" OD Ander-Lign × 1/2" MIP, 1/Bag	BI	5	60
	5/16" ANDER-LIGN COMPRESSION			
909-41051001	5/16" OD Ander-Lign × 1/4" MIP, 1/Bag	BI	5	20
	3/8" ANDER-LIGN COMPRESSION			
909-40101601	3/8" OD Ander-Lign × 3/8" MIP, 1/Bag	BI	5	60
909-41101001	3/8" OD Ander-Lign × 1/4" MIP, 1/Bag	BI	5	60
909-41102001	3/8" OD Ander-Lign × 1/2" MIP, 1/Bag	BI	10	120
909-41103001	3/8" OD Ander-Lign × 3/4" MIP, 1/Bag	BI	5	20
	1/2" ANDER-LIGN COMPRESSION			
909-40162001	1/2" OD Ander-Lign × 1/2" MIP, 1/Bag	BI	5	60
909-41161601	1/2" OD Ander-Lign × 3/8" MIP, 1/Bag	BI	5	60
	5/8" ANDER-LIGN COMPRESSION			
909-40201601	5/8" OD Ander-Lign × 3/8" MIP, 1/Bag	BI	5	20
909-40203001	5/8" OD Ander-Lign × 3/4" MIP, 1/Bag	BI	5	60
909-41202001	5/8" OD Ander-Lign × 1/2" MIP, 1/Bag	BI	5	60
	3/4" ANDER-LIGN COMPRESSION			
909-40253001	3/4" OD Ander-Lign × 3/4" MIP, 1/Bag	BI	5	60

Brass Compression Straight Adapters

Ander-Lign Less Insert × MIP

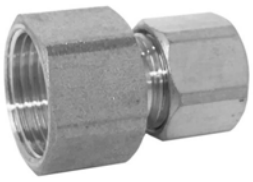
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	7/8" ANDER-LIGN COMPRESSION			
909-41303007	7/8" OD Ander-Lign × 3/4 MIP, 2/Clamshell	BI	5	30

Brass Compression Straight Adapters

Female Compression × MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" FEMALE COMPRESSION			
907-58101001	3/8" Female Comp × 1/4" MIP, 1/Bag	BI	5	60

Brass Compression Straight Adapters



907-44021001

Compression × FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" COMPRESSION			
907-44021001	1/4" OD Comp × 1/4" FIP, 1/Bag	BI	5	60
	3/8" COMPRESSION			
907-44101601	3/8" OD Comp × 3/8" FIP, 1/Bag	BI	5	60
907-45102001	3/8" OD Comp × 1/2" FIP, 1/Bag	BI	5	60
	1/2" COMPRESSION			
907-44162001	1/2" OD Comp × 1/2" FIP, 1/Bag	BI	5	60
	5/8" COMPRESSION			
907-45202001	5/8" OD Comp × 1/2" FIP, 1/Bag	BI	5	60

Brass Compression Straight Adapters

909-44021001

Ander-Lign With Brass Insert × FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" ANDER-LIGN COMPRESSION			
909-44021001	1/4" OD Ander-Lign × 1/4" FIP, 1/Bag	BI	5	60
909-44021601	1/4" OD Ander-Lign × 3/8" FIP, 1/Bag	BI	5	20
909-44022001	1/4" OD Ander-Lign × 1/2" FIP, 1/Bag	BI	5	40
909-45020201	1/4" OD Ander-Lign × 1/8" FIP, 1/Bag	BI	5	60
909-45022001	1/4" OD Ander-Lign × 1/2" FIP, 1/Bag	BI	5	40
	5/16" ANDER-LIGN COMPRESSION			
909-45051001	5/16" OD Ander-Lign × 1/4" FIP, 1/Bag	BI	5	20
	3/8" ANDER-LIGN COMPRESSION			
909-44101601	3/8" OD Ander-Lign × 3/8" FIP, 1/Bag	BI	5	60
909-45101001	3/8" OD Ander-Lign × 1/4" FIP, 1/Bag	BI	5	40
909-45102001	3/8" OD Ander-Lign × 1/2" FIP, 1/Bag	BI	10	120
	1/2" ANDER-LIGN COMPRESSION			
909-44162001	1/2" OD Ander-Lign × 1/2" FIP, 1/Bag	BI	5	60
	5/8" ANDER-LIGN COMPRESSION			
909-45202001	5/8" OD Ander-Lign × 1/2" FIP, 1/Bag	BI	5	60

Brass Compression Straight Adapters

Female Compression x FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-46101001	Gauge Adapter - 1/4" Swiv Comp. X 1/4" FIP, 1/Bag	BI	5	60

930-46101001

Brass Compression Straight Adapters

FSWT Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ANDER-LIGN WITH BRASS INSERT × FSWT			
909-43102001	3/8" OD Ander-Lign × 1/2" FSWT, 1/Bag	BI	5	40

909-43102001

Brass Compression Straight Adapters

Compression x Flare

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" COMPRESSION			
907-480201	1/4" OD Comp × 1/4" Female Flare w/Gasket, 1/Bag	BI	5	60
	3/8" COMPRESSION			
907-481001	3/8" OD Comp × 3/8" Female Flare w/Gasket, 1/Bag	BI	5	40

907-480201

Brass Compression Elbow Adapters

Compression × MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" COMPRESSION			
907-27101601	3/8" OD Comp × 3/8" MIP, 1/Bag	BI	5	60
907-27101605	3/8" OD Comp × 3/8" MIP, 5/Bag	BI	5	20

907-27101601

Brass Compression Elbow Adapters

Ander-Lign With Brass Insert × MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" ANDER-LIGN COMPRESSION			
909-30020201	1/4" OD Ander-Lign × 1/8" MIP, 1/Bag	BI	5	40
	3/8" ANDER-LIGN COMPRESSION			
909-29101601	3/8" OD Ander-Lign × 3/8" MIP, 1/Bag	BI	5	60
909-30101001	3/8" OD Ander-Lign × 1/4" MIP, 1/Bag	BI	5	40
909-30102001	3/8" OD Ander-Lign × 1/2" MIP, 1/Bag	BI	5	40

909-29021001

Brass Compression Elbow Adapters (Cont)

Ander-Lign With Brass Insert × MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/2" ANDER-LIGN COMPRESSION			
909-29162001	1/2" OD Ander-Lign × 1/2" MIP, 1/Bag	BI	5	20
909-30161601	1/2" OD Ander-Lign × 3/8" MIP, 1/Bag	BI	5	40
	5/8" ANDER-LIGN COMPRESSION			
909-30202001	5/8" OD Ander-Lign × 1/2" MIP, 1/Bag	BI	5	40

Brass Compression Elbow Adapters

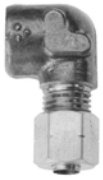
Compression × FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" COMPRESSION			
907-32102010	3/8" OD Comp x 1/2" FIP, 10/Bag	B	1	10

Brass Compression Elbow Adapters

Ander-Lign Less Insert × FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
909-32102001	3/8" OD Ander-Lign × 1/2" FIP, 1/Bag	BI	5	60



909-32102001

Ferrules

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRASS COMPRESSION			
907-010203	1/4" OD Comp, 3/Bag	BI	10	120
907-010503	5/16" OD Comp, 3/Bag	BI	5	20
907-011003	3/8" OD Comp, 3/Bag	BI	10	120
907-011603	1/2" OD Comp, 3/Bag	BI	5	60
907-012003	5/8" OD Comp, 3/Bag	BI	5	60
907-012503	3/4" OD Comp, 3/Bag	BI	5	60
	POLY COMPRESSION WITH BRASS INSERT			
907-050202	1/4" OD Comp, 2/Bag	BI	10	120
907-050502	5/16" OD Comp, 2/Bag	BI	5	60
907-051002	3/8" OD Comp, 2/Bag	BI	5	60
	POLY COMPRESSION LESS INSERT			
907-020203	1/4" OD Comp, 3/Bag	BI	10	120
907-020210	1/4" OD Comp, 10/Bg	BI	1	480
907-020225	1/4" OD Comp, 25/Bag	BI	1	60
907-021000	3/8" OD Comp, 100/Bx	BI	1	50
907-021003	3/8" OD Comp, 3/Bag	BI	10	120
907-021025	3/8" OD Comp, 25/Bag	BI	5	60
907-022010	5/8" OD Comp, 10/Bg	BI	1	150

907-010003

907-050202

907-020203

Caps

· Brass compression caps require a brass compression ferrule to create a seal

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRASS CAPS			
907-490201	1/4" OD Comp, 1/Bag	BI	5	60
907-490501	5/16" OD Comp, 1/Bag	BI	5	60
907-491001	3/8" OD Comp, 1/Bag	BI	5	60
907-491010	3/8" OD Comp, 10/Bag	BI	5	60
907-491601	1/2" OD Comp, 1/Bag	BI	5	40
907-492001	5/8" OD Comp, 1/Bag	BI	5	40
	NYLON CAPS			
688-C0B	1/4" Nylon Comp. Thread Cap, 10/Bag	BI	1	10
688-C1B	3/8" Nylon Comp. Thread Cap, 25/Bag	BI	1	4

907-490201

688-C0B

907-080003

908-061002

909-030200

909-070201

Nuts & Inserts

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	BRASS COMPRESSION NUTS			
907-080203	1/4" OD Comp, 3/Bag	BI	10	120
907-080503	5/16" OD Comp, 3/Bag	BI	5	60
907-081000	3/8" OD Comp, 100/Bag	BI	1	5
907-081003	3/8" OD Comp, 3/Bag	BI	10	120
907-082003	5/8" OD Comp, 3/Bag	BI	5	40
907-082025	5/8" OD Comp, 25/Bag	BI	5	30
	CHROME-PLATED BRASS COMPRESSION NUTS/FERRULES			
908-061002	3/8" OD Comp, 2/Bag	BI	5	60
	ANDER-LIGN BRASS INSERTS			
909-030200	1/4" OD Ander-Lign, 100/Box	BI	1	50
909-030203	1/4" OD Ander-Lign, 3/Bag	BI	5	60
909-031000	3/8" OD Ander-Lign, 100/Bag	BI	1	10
909-031003	3/8" OD Ander-Lign, 3/Bag	BI	5	60
909-031603	1/2" OD Ander-Lign, 3/Bag	BI	5	60
909-032003	5/8" OD Ander-Lign, 3/Bag	BI	5	60
909-032010	5/8" OD Ander-Lign, 10/Bag	BI	1	10
	ANDER-LIGN BRASS NUTS/INSERTS			
909-070201	1/4" OD Comp, 1/Bag	BI	10	120
909-070501	5/16" OD Comp, 1/Bag	BI	5	60
909-071001	3/8" OD Comp, 1/Bag	BI	10	120
909-071601	1/2" OD Comp, 1/Bag	BI	5	20
909-072001	5/8" OD Comp, 1/Bag	BI	5	40
909-073001	7/8" OD Comp, 1/Bag	BI	5	60

Brass Flare Fittings

Couplings

Reducing Couplings

Swivel Unions

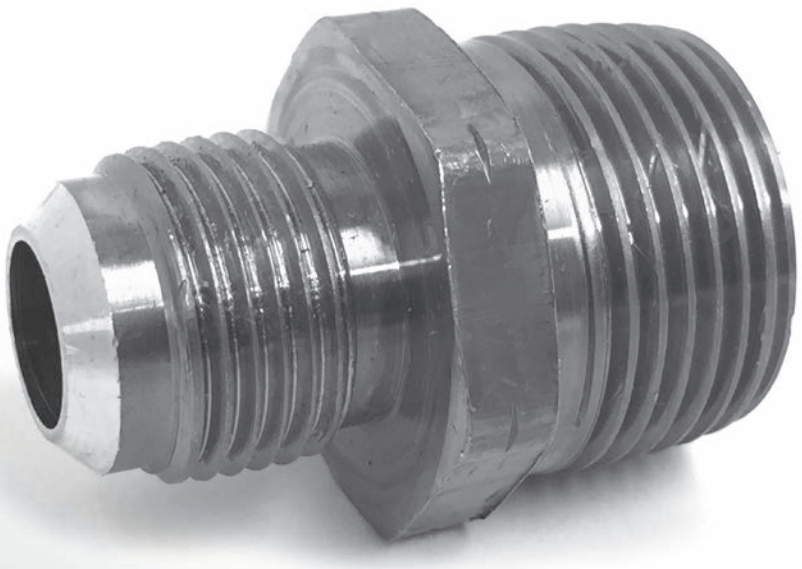
Straight Adapters

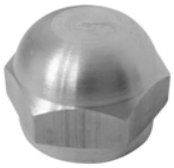
Elbow Adapters

Caps, Nuts

Plugs

Compression Adapters



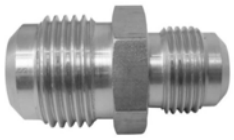
975-121001 **Page 657**	**975-13161001** **Page 657**	**975-L541001** **Page 657**	**975-41102001** **Page 657**	**975-44162001** **Page 658**
				
975-27101601 **Page 658**	**975-490201** **Page 658**	**975-510205** **Page 659**	**975-081001** **Page 659**	

Brass Flare Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
975-120201	1/4" OD Flare, 1/Bag	BI	5	20
975-121001	3/8" OD Flare, 1/Bag	BI	5	60
975-121601	1/2" OD Flare, 1/Bag	BI	5	60

Brass Flare Reducing Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
975-13161001	1/2" × 3/8" OD Flare, 1/Bag	BI	5	60
975-13201001	5/8" × 3/8" OD Flare, 1/Bag	BI	5	60



975-13161001

Brass Flare Swivel Unions

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
975-L541001	3/8" OD Female Flare, 1/Bag	BI	5	60

975-L541001

Brass Flare Straight Adapters

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" FLARE			
975-40021001	1/4" OD Flare × 1/4" MIP, 1/Bag	BI	5	40
975-41021601	1/4" OD Flare × 3/8" MIP, 1/Bag	BI	5	60
	3/8" FLARE			
975-40100001	3/8" OD Flare × 1/8" MIP, 1/Bag	BI	5	60
975-40101601	3/8" OD Flare × 3/8" MIP, 1/Bag	BI	5	60
975-41101001	3/8" OD Flare × 1/4" MIP, 1/Bag	BI	5	40
975-41102001	3/8" OD Flare × 1/2" MIP, 1/Bag	BI	10	120
	1/2" FLARE			
975-40162001	1/2" OD Flare × 1/2" MIP, 1/Bag	BI	5	60
975-41161601	1/2" OD Flare × 3/8" MIP, 1/Bag	BI	5	60
	5/8" FLARE			
975-41202001	5/8" OD Flare × 1/2" MIP, 1/Bag	BI	5	60
	3/4" FLARE			
975-40252501	3/4" OD Flare × 3/4" MIP, 1/Bag	BI	5	60

975-41102001

975-44162001

Brass Flare Straight Adapters

FIP

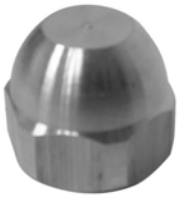
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" FLARE			
975-44101601	3/8" OD Flare × 3/8" FIP, 1/Bag	BI	5	60
975-45101001	3/8" OD Flare × 1/4" FIP, 1/Bag	BI	5	20
975-45102001	3/8" OD Flare × 1/2" FIP, 1/Bag	BI	10	120
	1/2" FLARE			
975-44162001	1/2" OD Flare × 1/2" FIP, 1/Bag	BI	5	60
	5/8" FLARE			
975-45202001	5/8" OD Flare × 1/2" FIP, 1/Bag	BI	5	40
	3/4" FLARE			
975-44252501	3/4" OD Flare × 3/4" FIP, 1/Bag	BI	5	60

975-27101010

Brass Flare Elbow Adapters

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" FLARE			
975-27101601	3/8" OD Flare × 3/8" MIP, 1/Bag	BI	5	60



975-490201

Brass Flare Caps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
975-490201	1/4" OD Flare, 1/Bag	BI	5	60
975-491001	3/8" OD Flare, 1/Bag	BI	5	60
975-491601	1/2" OD Flare, 1/Bag	BI	5	60
975-492001	5/8" OD Flare, 1/Bag	BI	5	40

Brass Flare Nuts

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SHORT ROD NUTS			
975-080201	1/4" OD Flare, 1/Bag	BI	5	60
975-081001	3/8" OD Flare, 1/Bag	BI	10	120
975-081601	1/2" OD Flare, 1/Bag	BI	5	60
	LONG ROD NUTS			
975-101001	3/8" OD Flare, 1/Bag	BI	10	120
975-101601	1/2" OD Flare, 1/Bag	BI	10	120
975-102001	5/8" OD Flare, 1/Bag	BI	10	120
	SHORT FORGED NUTS			
975-091001	3/8" OD Flare, 1/Bag	BI	5	60
975-091601	1/2" OD Flare, 1/Bag	BI	5	60
975-092001	5/8" OD Flare, 1/Bag	BI	5	60

975-080501

975-101001

975-091601

Brass Flare Plugs

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
975-510205	1/4" OD Flare, 1/Bag	BI	5	20
975-511005	3/8" OD Flare, 1/Bag	BI	5	60
975-511605	1/2" OD Flare, 1/Bag	BI	5	40

975-510205

Brass Fine Thread Flare Compression Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
978-47021001	3/8" Female Fine Thread Flare × 1/4" OD Comp, 1/Bag	BI	5	40
978-47101001	3/8" Female Fine Thread Flare × 3/8" OD Comp, 1/Bag	BI	5	60

978-47021001

Notes:

Bar Stock & Forged Fittings

Couplings, Reducing Couplings

Unions, Tees, Elbows

Straight Adapters

Caps, Hex Bushings

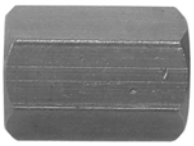
Face Bushings, Hex Nipples

Reducing Hex Nipples

Ball Valves, Locknuts

Plugs

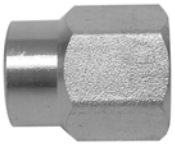
Bar-Stock Couplings



930-120201

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-120201	1/8" FIP, 1/Bag	BI	5	60
930-121001	1/4" FIP, 1/Bag	BI	5	60
930-121601	3/8" FIP, 1/Bag	BI	5	60
930-122001	1/2" FIP, 1/Bag	BI	5	60
930-122010	1/2" FIP, 10/Bag	BI	1	30
930-123001	3/4" FIP, 1/Bag	BI	5	60

Bar-Stock Reduced Couplings



930-13100201

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-13100201	1/4" FIP × 1/8" FIP, 1/Bag	BI	5	60
930-13161001	3/8" FIP × 1/4" FIP, 1/Bag	BI	5	60
930-13201001	1/2" FIP × 1/4" FIP, 1/Bag	BI	5	60
930-13201601	1/2" FIP × 3/8" FIP, 1/Bag	BI	5	60
930-13302001	3/4" FIP × 1/2" FIP, 1/Bag	BI	5	60

Bar-Stock Tees

930-201001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE			
930-201001	1/4" FIP, 1/Bag	BI	5	60
930-201601	3/8" FIP, 1/Bag	BI	5	60
930-202001	1/2" FIP, 1/Bag	BI	5	60

Bar-Stock Elbows

930-250201

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	90°			
930-250201	1/8" FIP, 1/Bag	BI	5	20
930-251001	1/4" FIP, 1/Bag	BI	5	60
930-251601	3/8" FIP, 1/Bag	BI	5	40
930-252001	1/2" FIP, 1/Bag (Forged Fitting)	BI	5	60
930-253001	3/4" FIP, 1/Bag (Forged Fitting)	BI	5	40

Bar-Stock Street Elbows

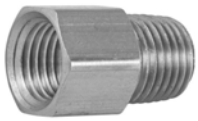
930-270201

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	90° STREET			
930-270201	1/8" MIP × 1/8" FIP, 1/Bag	BI	5	60
930-271001	1/4" MIP × 1/4" FIP, 1/Bag	BI	5	60
930-271601	3/8" MIP × 3/8" FIP, 1/Bag	BI	5	60
930-272001	1/2" MIP × 1/2" FIP, 1/Bag (Forged Fitting)	BI	5	60
930-273001	3/4" MIP × 3/4" FIP, 1/Bag (Forged Fitting)	BI	5	60

Bar-Stock Straight Adapters

MIP × FIP

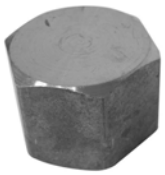
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-56161001	3/8" FIP × 1/4" MIP, 1/Bag	BI	5	60



930-56100201

Bar-Stock Caps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-490201	1/8" FIP, 1/Bag	BI	5	40
930-491001	1/4" FIP, 1/Bag	BI	5	60
930-491601	3/8" FIP, 1/Bag	BI	5	60
930-491610	3/8" FIP, 10/Bag	BI	1	60
930-492001	1/2" FIP, 1/Bag	BI	5	60
930-492010	1/2" FIP, 10/Bag	BI	1	10
930-493001	3/4" FIP, 1/Bag	BI	5	20
930-493010	3/4" FIP, 10/Bag	BI	1	25



930-490210

Bar-Stock Hex Bushings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-15100201	1/4" MIP × 1/8" FIP, 1/Bag	BI	5	60
930-15100210	1/4" MIP × 1/8" FIP, 10/Bag	BI	1	150
930-15160201	3/8" MIP × 1/8" FIP, 1/Bag	BI	5	40
930-15161001	3/8" MIP × 1/4" FIP, 1/Bag	BI	5	60
930-15200201	1/2" MIP × 1/8" FIP, 1/Bag	BI	5	60
930-15201001	1/2" MIP × 1/4" FIP, 1/Bag	BI	5	60
930-15201601	1/2" MIP × 3/8" FIP, 1/Bag	BI	5	60
930-15201610	1/2" MIP × 3/8" FIP, 10/Bag	BI	1	60
930-15301001	3/4" MIP × 1/4" FIP, 1/Bag	BI	5	60
930-15302001	3/4" MIP × 1/2" FIP, 1/Bag	BI	5	60
930-15403001	1" MIP × 3/4" FIP, 1/Bag	BI	2	24

Bar-Stock Hex Nipples

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-610201	1/8" MIP × 1/8" MIP, 1/Bag	BI	5	60
930-611001	1/4" MIP × 1/4" MIP, 1/Bag	BI	5	60
930-611601	3/8" MIP × 3/8" MIP, 1/Bag	BI	5	60
930-611610	3/8" MIP × 3/8" MIP, 10/Bag	BI	1	60
930-612001	1/2" MIP × 1/2" MIP, 1/Bag	BI	5	60
930-613001	3/4" MIP × 3/4" MIP, 1/Bag	BI	5	60

930-610201

930-62201001

Reducing Hex Nipples

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-62201001	1/2" MIP × 1/4" MIP, 1/Bag	BI	5	60
930-62201601	1/2" MIP × 3/8" MIP, 1/Bag	BI	5	60
930-62302001	3/4" MIP × 1/2" MIP, 1/Bag	BI	5	60

996-L101001

Bar-Stock Ball Valves

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
996-L100201	1/8" FIP × 1/8" FIP, Leaded, 1/Bag	BI	5	60
996-L101001	1/4" FIP × 1/4" FIP, Leaded 1/Bag	BI	5	60

930-641001

Bar-Stock Locknuts

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
930-642001	1/2" FIP, 1/Bag	BI	5	20
930-643001	3/4" FIP, 1/Bag	BI	5	60

930-501001

930-512001

Bar-Stock Plugs

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SQUARE-HEAD			
930-500201	1/8" MIP, 1/Bag	BI	5	60
930-501001	1/4" MIP, 1/Bag	BI	5	60
930-501010	1/4" MIP, 10/Bag	BI	1	150
930-501601	3/8" MIP, 1/Bag	BI	5	60
930-502001	1/2" MIP, 1/Bag	BI	5	60
930-502010	1/2" MIP, 10/Bag	BI	1	45
930-503001	3/4" MIP, 1/Bag	BI	5	60
	HEX-HEAD			
930-511001	1/4" MIP, 1/Bag	BI	5	60
930-512001	1/2" MIP, 1/Bag	BI	5	60

Cast Brass Fittings

Couplings, Reducing Couplings

Union Adapters

Tees, Elbows

Straight Adapters

Caps, Hex Bushings

Hex Nipples

Locknuts

Plugs

 931-124001 **Page 667**	 **931-13200201** **Page**	 **931-542001** **Page 667**	 **931-203001** **Page 667**	 **931-252001** **Page 667**
 931-272001 **Page 668**	 **931-15605001** **Page**			

Cast Red Brass Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
931-122001	1/2" FIP, 1/Bag	BI	5	60
931-123001	3/4" FIP, 1/Bag	BI	5	60
931-124001	1" FIP, 1/Bag	BI	2	24

931-123001

Cast Red Brass Reducing Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
931-13100201	1/4" FIP × 1/8" FIP, 1/Bag	BI	5	60
931-13403001	1" FIP × 3/4" FIP, 1/Bag	BI	2	24

931-13100201

Cast Red Brass Union Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
931-542001	1/2" FIP, 1/Bag	BI	5	60

931-541601

Cast Red Brass Tees

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
931-200201	1/8" FIP, 1/Bag	BI	5	20
931-203001	3/4" FIP, 1/Bag	BI	5	60
931-204001	1" FIP, 1/Bag	BI	2	24

931-203001

Cast Red Brass Elbows

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	90°			
931-252001	1/2" FIP, 1/Bag	BI	5	60
931-253001	3/4" FIP, 1/Bag	BI	5	60
931-254001	1" FIP, 1/Bag	BI	2	24

931-252001

Cast Red Brass Street Elbows

931-272001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	90° STREET			
931-272001	1/2" MIP × 1/2" FIP, 1/Bag	BI	5	60

Cast Red Brass Caps

931-491601

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
931-494001	1" FIP, 1/Bag	BI	2	24

Cast Red Brass Plugs

931-502001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SQUARE-HEAD			
931-503001	3/4" MIP, 1/Bag	BI	5	60

Nylon Thread Fittings

Couplings

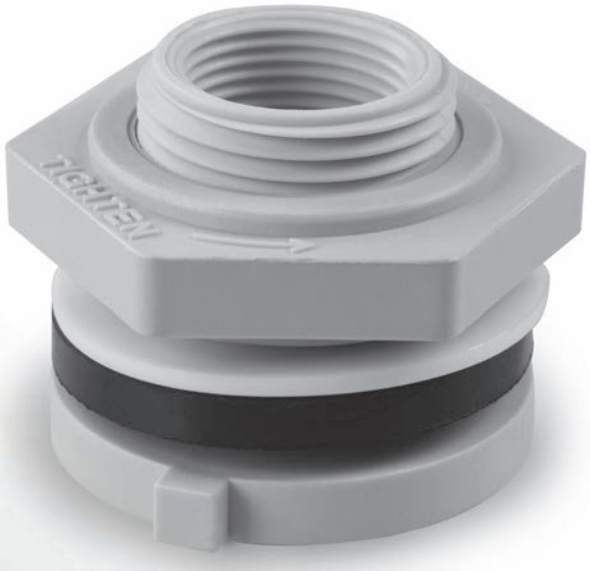
Bulkhead Union Adapters

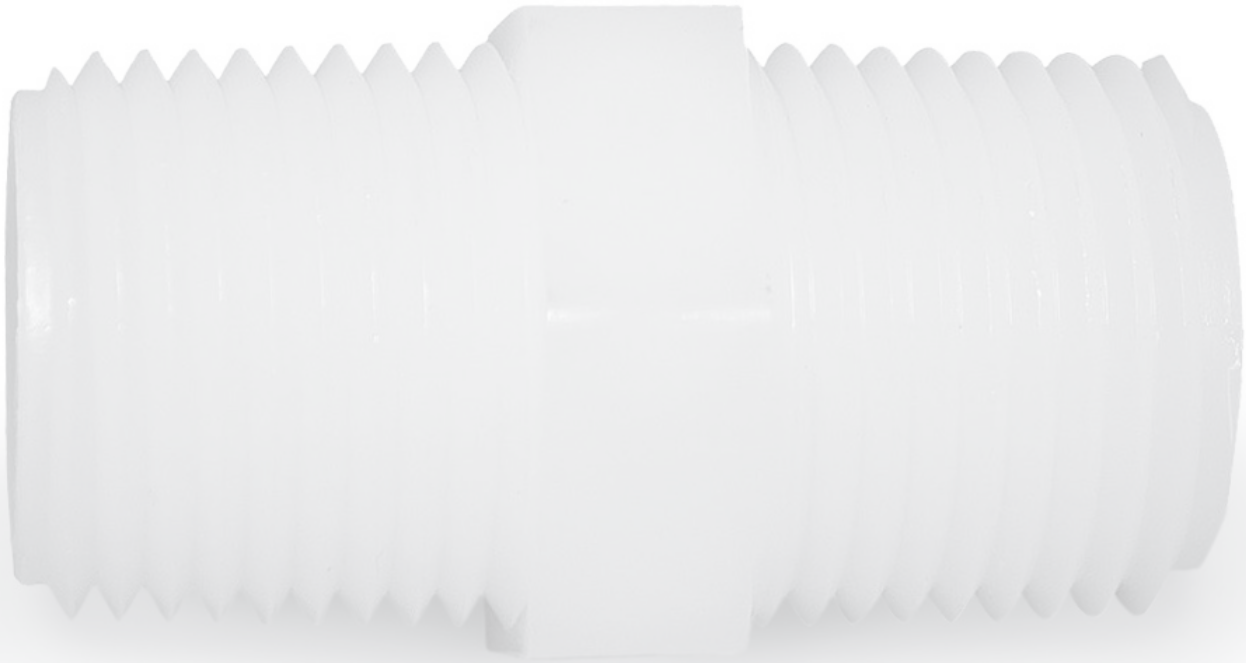
Barrel Valve Kits

Elbows

Hex Bushings

Hex Nipples





Nylon Thread Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
933-122001	1/2" FIP, 1/Bag	BI	5	60

933-122001

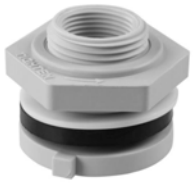
Thread Bulkhead Union Adapters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	NYLON			
933-822001	1/2" FIP W/ Neoprene Washer, 1/Bag	BI	5	60
933-823001	3/4" FIP W/ Neoprene Washer, 1/Bag	BI	5	60
933-843001	3/4" FIP W/ EPDM Washer, 1/Bag	BI	5	60
933-845001	1-1/4" FIP W/ EPDM Washer, 1/Bag	BI	1	2
	POLYPROPYLENE			
933-8330P01	3/4" FIP W/ Buna Washer, 1/Bag	BI	5	60
933-8420P01	1/2" FIP W/ EPDM Washer, 1/Bag	BI	5	60
933-8430P01	3/4" FIP W/ EPDM Washer, 1/Bag	BI	5	60
933-8450P01	1-1/4" FIP W/ EPDM Washer, 1/Bag	BI	2	24
933-8460P01	1-1/2" FIP W/ EPDM Washer, 1/Bag	BI	2	24

933-822001

Barrel Valve Kits

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
933-852001	1/2" FIP W/ Neoprene Washer, 1/Bag	BI	1	5
933-853001	3/4" FIP W/ Neoprene Washer, 1/Bag	BI	1	5



933-853001

Nylon Thread Elbows

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
933-252001	1/2" FIP, 1/Bag	BI	5	60
933-253001	3/4" FIP, 1/Bag	BI	5	60

933-253001

Nylon Thread Hex Bushings

933-15161001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
933-15201001	1/2" MIP × 1/4" FIP, 1/Bag	BI	5	60
933-15302001	3/4" MIP × 1/2" FIP, 1/Bag	BI	5	60

Nylon Thread Hex Nipples

933-611001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
933-611601	3/8" MIP, 1/Bag	BI	5	60
933-612001	1/2" MIP, 1/Bag	BI	5	60

Pipe Nipples

Yellow Brass

Chrome-Plated

Red Brass

Pipe Nipples - Yellow Brass

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/8" MIP			
934-02001	Close, 1/Bag	BI	5	60
934-021.501	1-1/2" Long, 1/Bag	BI	5	60
934-02201	2" Long, 1/Bag	BI	5	40
934-02401	4" Long, 1/Bag	BI	5	20
	1/4" MIP			
934-10001	Close, 1/Bag	BI	5	60
934-101.501	1-1/2" Long, 1/Bag	BI	5	60
934-102.501	2-1/2" Long, 1/Bag	BI	5	60
934-10201	2" Long, 1/Bag	BI	5	60
934-10301	3" Long, 1/Bag	BI	5	60
934-10401	4" Long, 1/Bag	BI	5	60
934-10501	5" Long, 1/Bag	BI	5	40
	3/8" MIP			
934-16001	Close, 1/Bag	BI	5	60
934-161.501	1-1/2" Long, 1/Bag	BI	5	60
934-162.501	2-1/2" Long, 1/Bag	BI	5	20
934-16201	2" Long, 1/Bag	BI	5	40
934-16301	3" Long, 1/Bag	BI	5	20
934-16401	4" Long, 1/Bag	BI	5	20
934-16601	6" Long, 1/Bag	BI	5	60
	1/2" MIP			
934-20001	Close, 1/Bag	BI	5	60
934-201.501	1-1/2" Long, 1/Bag	BI	5	60
934-202.501	2-1/2" Long, 1/Bag	BI	5	60
934-20201	2" Long, 1/Bag	BI	5	60
934-20301	3" Long, 1/Bag	BI	5	60
934-204.501	4-1/2" Long, 1/Bag	BI	5	60
934-20401	4" Long, 1/Bag	BI	5	60
934-20501	5" Long, 1/Bag	BI	5	60
934-20601	6" Long, 1/Bag	BI	5	60
	3/4" MIP			
934-30001	Close, 1/Bag	BI	5	60
934-301.501	1-1/2" Long, 1/Bag	BI	5	60
934-302.501	2-1/2" Long, 1/Bag	BI	5	60
934-30201	2" Long, 1/Bag	BI	5	60
934-30301	3" Long, 1/Bag	BI	5	60
934-30401	4" Long, 1/Bag	BI	5	40
934-30501	5" Long, 1/Bag	BI	5	60
934-30601	6" Long, 1/Bag	BI	5	60
	1" MIP			
934-40001	Close, 1/Bag	BI	2	24
934-40201	2" Long, 1/Bag	BI	2	24
934-40401	4" Long, 1/Bag	BI	2	24

934-021.501

934-102.501

934-163.501

934-40201

936-16201

936-20201

Pipe Nipples - Chrome-Plated Yellow Brass

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/8" MIP			
936-16201	2" Long, 1/Bag	BI	5	60
936-16401	4" Long, 1/Bag	BI	5	60
936-16501	5" Long, 1/Bag	BI	5	60
	1/2" MIP			
936-20001	Close, 1/Bag	BI	5	60
936-201.501	1-1/2" Long, 1/Bag	BI	5	60
936-20201	2" Long, 1/Bag	BI	5	60
936-20301	3" Long, 1/Bag	BI	5	60
936-20401	4" Long, 1/Bag	BI	5	60

935-201.501

935-40201

Pipe Nipples - Red Brass

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/8" MIP			
935-022.501	2-1/2" Long, 1/Bag	BI	5	20
935-02301	3" Long, 1/Bag	BI	5	20
	3/4" MIP			
935-30001	Close, 1/Bag	BI	5	60
	1" MIP			
935-40301	3" Long, 1/Bag	BI	2	24
935-40601	6" Long, 1/Bag	BI	2	24

Polypro Push Fittings

Couplings

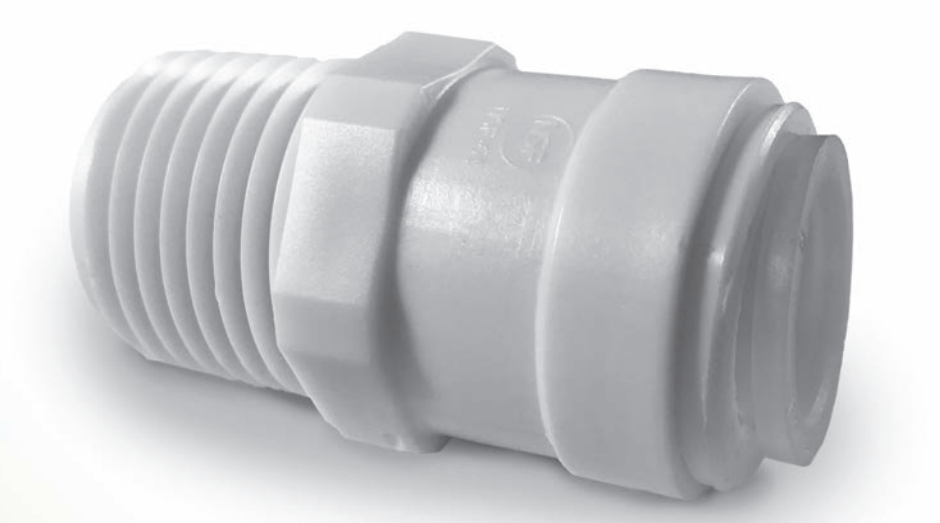
Elbows

Tees

Straight Adapters

Elbow Adapters

Valves



Polypro push fittings offer a fast, easy connection
for copper, polyethylene, and PEX tubing in cold-water applications.

Note: Do Not expose polypro push fittings to volatile organic compounds (VOCs) or caustic chemicals.
Do Not use with vinly tubing.

Polypropylene Push-Fit Couplings

· For cold-water applications only. Do Not use with vinyl tube.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
645QK0	1/4" OD PF, 1/Bag	BI	5	60
645QK1	3/8" OD PF, 1/Bag	BI	5	60
645QK2	1/2" OD PF, 1/Bag	BI	5	60
645QK9	5/16" OD PF, 1/Bag	BI	5	60
	REDUCING			
645QK10	3/8 OD PF × 1/4" OD PF, 1/Bag	BI	5	60

645QK1

Polypropylene Push-Fit Elbows

· For cold-water applications only. Do Not use with vinyl tube.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
642QK0	1/4" OD PF, 1/Bag	BI	5	60
642QK1	3/8" PF, 1/Bag	BI	5	60

642QK1

Polypropylene Push-Fit Tees

· For cold-water applications only. Do Not use with vinyl tube.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
641QK000	1/4" OD PF, 1/Bag	BI	5	60
641QK111	3/8" OD PF, 1/Bag	BI	5	60
641QK222	1/2" OD PF, 1/Bag	BI	5	60

641QK222

Polypropylene Push-Fit Straight Adapters

· For cold-water applications only. Do Not use with vinyl tube.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MIP			
646QK0	1/4" OD PF × 1/4 MIP, 1/Bag	BI	5	60
646QK01	3/8" OD PF × 1/4 MIP, 1/Bag	BI	5	60
646QK1	3/8" OD PF × 3/8" MIP, 1/Bag	BI	5	60
646QK10	1/4" OD PF × 3/8" MIP, 1/Bag	BI	5	60
646QK12	1/2" OD PF × 3/8" MIP, 1/Bag	BI	5	60
646QK2	1/2" OD PF × 1/2" MIP, 1/Bag	BI	5	60
646QK20	1/4" OD PF × 1/2" MIP, 1/Bag	BI	5	60
646QK21	3/8" OD PF × 1/2" MIP, 1/Bag	BI	5	60
646QK80	1/4" OD PF × 1/8" MIP, 1/Bag	BI	5	60
646QK81	3/8" OD PF × 1/8" MIP, 1/Bag	BI	5	60

646QK2

Polypropylene Push-Fit Straight Adapters (Cont)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	FIP			
647QK0	1/4" OD PF × 1/4" FIP, 1/Bag	BI	5	60

Polypropylene Push-Fit Elbow Adapters

MIP

632QK221M

- For cold-water applications only. Do Not use with vinyl tube.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
632QK002M	1/4" OD PF × 1/2" MIP, 1/Bag	BI	5	60
632QK110M	3/8" OD PF × 1/4 MIP, 1/Bag	BI	5	60

Polypropylene Push-Fit Valves

637QK980M

- For cold-water applications only. Do Not use with vinyl tube.

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PF × PF			
637QK900	1/4" OD PF × 1/4" OD PF, 1/Bag	BI	5	60
637QK911	3/8" OD PF × 3/8" OD PF, 1/Bag	BI	5	60
	PF × MIP			
637QK980M	1/4" OD PF × 1/4" MIP, 1/Bag	BI	5	60

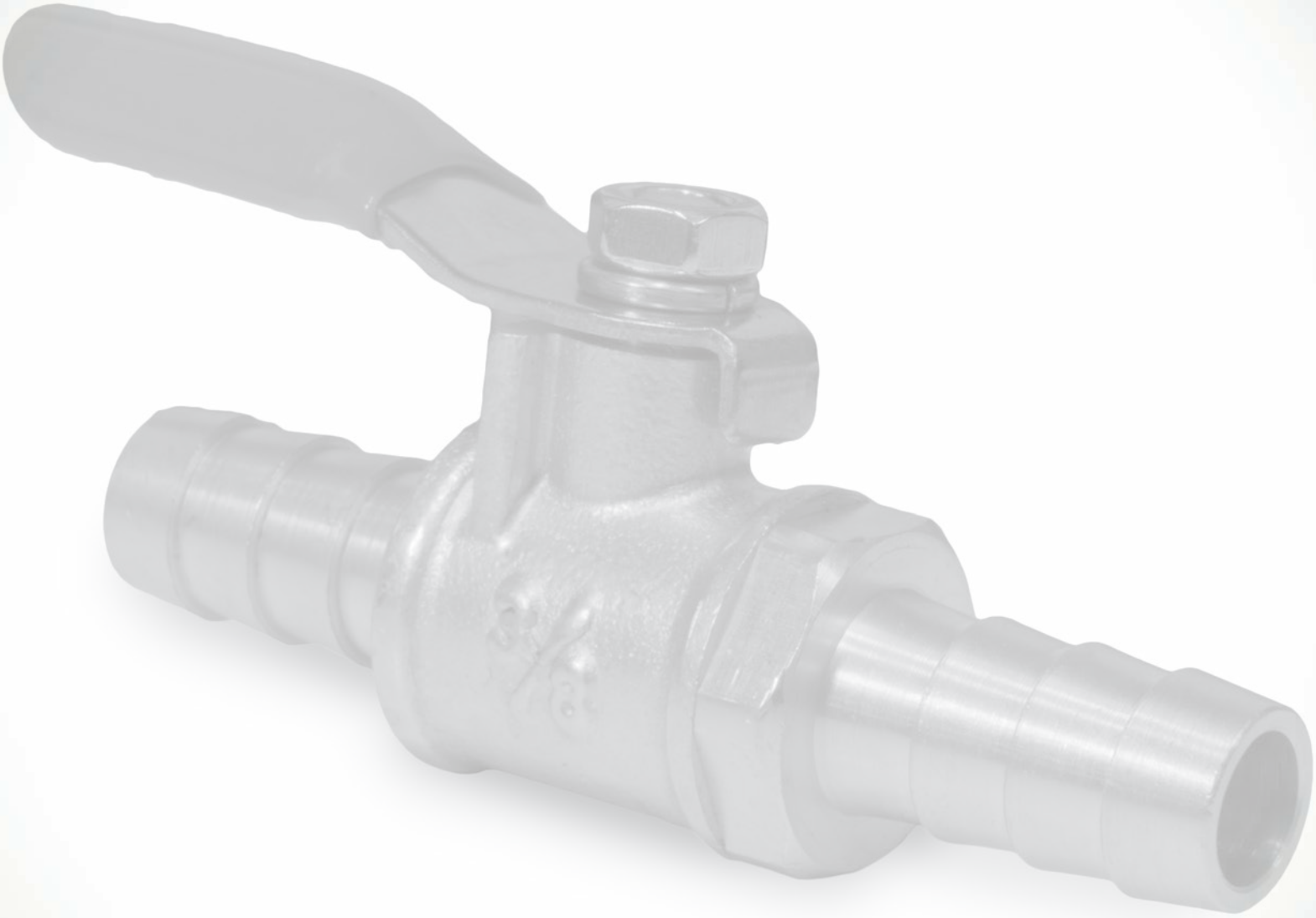
Brass Hose Barb Fittings

Couplings

Straight Adapters

Ferrules

Valves



Brass Hose Barb Couplings

903-122001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
903-120201	1/8" Barb, 1/Bag	BI	5	60
903-120501	3/16" Barb, 1/Bag	BI	5	60
903-121001	1/4" Barb, 1/Bag	BI	5	60
903-121501	5/16" Barb, 1/Bag	BI	5	60
903-121601	3/8" Barb, 1/Bag	BI	5	60
903-122001	1/2" Barb, 1/Bag	BI	5	60
903-122501	5/8" Barb, 1/Bag	BI	5	40
903-123301	7/8" Barb, 1/Bag	BI	5	60

Brass Hose Barb Straight Adapters

MIP

903-401601

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/8" BARB			
903-400201	1/8" Barb × 1/8" MIP , 1/Bag	BI	5	60
903-41021001	1/8" Barb × 1/4" MIP , 1/Bag	BI	5	60
	3/16" BARB			
903-41050201	3/16" Barb × 1/8" MIP , 1/Bag	BI	5	60
903-41051001	3/16" Barb × 1/4" MIP , 1/Bag	BI	5	60
	1/4" BARB			
903-401001	1/4" Barb × 1/4" MIP , 1/Bag	BI	5	60
903-41100201	1/4" Barb × 1/8" MIP , 1/Bag	BI	5	60
903-41101601	1/4" Barb × 3/8" MIP , 1/Bag	BI	5	60
903-41102001	1/4" Barb × 1/2" MIP, 1/Bag	BI	5	60
	5/16" BARB			
903-41150201	5/16" Barb × 1/8" MIP , 1/Bag	BI	5	60
903-41151001	5/16" Barb × 1/4" MIP , 1/Bag	BI	5	60
903-41151601	5/16" Barb × 3/8" MIP , 1/Bag	BI	5	60
	3/8" BARB			
903-401601	3/8" Barb × 3/8" MIP , 1/Bag	BI	5	60
903-41161001	3/8" Barb × 1/4" MIP , 1/Bag	BI	5	60
903-41162001	3/8" Barb × 1/2" MIP , 1/Bag	BI	5	60
	1/2" BARB			
903-402001	1/2" Barb × 1/2" MIP , 1/Bag	BI	5	60
903-41201001	1/2" Barb × 1/4" MIP , 1/Bag	BI	5	60
903-41201601	1/2" Barb × 3/8" MIP , 1/Bag	BI	5	60
903-41203001	1/2" Barb × 3/4" MIP , 1/Bag	BI	5	60
	5/8" BARB			
903-41251601	5/8" Barb × 3/8" MIP , 1/Bag	BI	5	60
903-41252001	5/8" Barb × 1/2" MIP , 1/Bag	BI	5	60
903-41253001	5/8" Barb × 3/4" MIP , 1/Bag	BI	5	60
	3/4" BARB			
903-403001	3/4" Barb × 3/4" MIP , 1/Bag	BI	5	60
903-41302001	3/4" Barb × 1/2" MIP , 1/Bag	BI	5	60
	1" BARB			
903-404001	1" Barb × 1" MIP , 1/Bag	BI	5	60

903-442001

903-461601

Brass Hose Barb Straight Adapters

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/8" BARB			
903-45021001	1/8" Barb × 1/4" FIP, 1/Bag	BI	5	40
	3/16" BARB			
903-45051001	3/16" Barb × 1/4" FIP , 1/Bag	BI	5	60
	1/4" BARB			
903-441001	1/4" Barb × 1/4" FIP , 1/Bag	BI	5	60
903-45100201	1/4" Barb × 1/8" FIP , 1/Bag	BI	5	60
	5/16" BARB			
903-45151001	5/16" Barb × 1/4" FIP , 1/Bag	BI	5	60
	3/8" BARB			
903-441601	3/8" Barb × 3/8" FIP , 1/Bag	BI	5	60
903-45161001	3/8" Barb × 1/4" FIP , 1/Bag	BI	5	60
903-45162001	3/8" Barb × 1/2" FIP, 1/Bag	BI	5	60
	1/2" BARB			
903-442001	1/2" Barb × 1/2" FIP , 1/Bag	BI	5	60
	3/8" BARB SWIVEL ADAPTER			
903-461601	3/8" Barb × 3/8" FIP Swivel , 1/Bag	BI	5	60

Brass Hose Barb Ferrule

903-L99531

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
903-L99531	.531 I.D., Brass, 50/Bag	B	1	5
903-L99560	.562 I.D., Brass, 50/Bag	B	1	5
903-L99625	.625 I.D., Brass, 50/Bag	B	1	5
903-L99656	.656 I.D., Brass, 50/Bag	B	1	5
903-L99690	.687 I.D., Brass, 50/Bag	B	1	5
903-L99812	.812 I.D., Brass, 50/Bag	B	1	4

Brass Hose Barb Valves

996-L601601

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	LEADED BRASS			
996-L601001	1/4" × 1/4" Barb Ball Valve, Leaded, 1/Bag	BI	5	60
996-L601601	3/8" × 3/8" Barb Ball Valve, Leaded, 1/Bag	BI	5	60

Nylon Hose Barb Fittings

Couplings

Reducing Couplings

Elbows

Tees

Straight Adapters

Elbow Adapters

904-123001 **Page 687**	**904-13201601** **Page 687**	**904-25101** **Page 687**	**904-200201** **Page**	**904-41162001** **Page 688**
904-271001 **Page 689**				

Nylon Hose Barb Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
904-120201	1/8" Barb, 1/Bag	BI	5	60
904-120501	3/16" Barb, 1/Bag	BI	5	60
904-121001	1/4" Barb, 1/Bag	BI	5	60
904-121501	5/16" Barb, 1/Bag	BI	5	60
904-121601	3/8" Barb, 1/Bag	BI	5	60
904-122001	1/2" Barb, 1/Bag	BI	5	60
904-122501	5/8" Barb, 1/Bag	BI	5	60
904-123001	3/4" Barb, 1/Bag	BI	5	60
904-124001	1" Barb, 1/Bag	BI	5	60
904-125001	1-1/4" Barb, 1/Bag	BI	2	24
904-127001	2" Barb, 1/Bag	BI	1	4

904-125001

Nylon Hose Barb Reducing Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
904-13161001	3/8" × 1/4" Barb, 1/Bag	BI	5	60
904-13201601	1/2" × 3/8" Barb, 1/Bag	BI	5	60
904-13252001	5/8" × 1/2" Barb, 1/Bag	BI	5	60

904-13201601

Nylon Hose Barb Elbows

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
904-25101	1/4" Barb, 1/Bag	BI	5	60
904-251601	3/8" Barb, 1/Bag	BI	5	60
904-252001	1/2" Barb, 1/Bag	BI	5	60
904-252501	5/8" Barb, 1/Bag	BI	5	60
904-253001	3/4" Barb, 1/Bag	BI	5	60
904-254001	1" Barb, 1/Bag	BI	5	60

904-25101

Nylon Hose Barb Tees

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD TEE			
904-201001	1/4" Barb, 1/Bag	BI	5	60
904-201601	3/8" Barb, 1/Bag	BI	5	60
904-202000	1/2" Barb, 100/Bag	B	1	1
904-202001	1/2" Barb, 1/Bag	BI	5	60
904-202501	5/8" Barb, 1/Bag	BI	5	60
904-203001	3/4" Barb, 1/Bag	BI	5	60
904-204001	1" Barb, 1/Bag	BI	5	60
	REDUCING TEE			
904-22201601	1/2" × 1/2" × 3/8" Barb, 1/Bag	BI	5	60

904-200201

904-41162001

904-404001

Nylon Hose Barb Straight Adapters

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	3/16" BARB			
904-41050201	3/16" Barb × 1/8" MIP, 1/Bag	BI	5	60
	1/4" BARB			
904-401001	1/4" Barb × 1/4" MIP, 1/Bag	BI	5	60
904-41100101	1/4" Barb × 1/8" MIP, 1/Bag	BI	5	60
904-41101601	1/4" Barb × 3/8" MIP, 1/Bag	BI	5	60
904-41102001	1/4" Barb × 1/2" MIP, 1/Bag	BI	5	60
	3/8" BARB			
904-401601	3/8" Barb × 3/8" MIP, 1/Bag	BI	5	60
904-41160201	3/8" Barb × 1/8" MIP, 1/Bag	BI	5	60
904-41161001	3/8" Barb × 1/4" MIP, 1/Bag	BI	5	60
904-41162001	3/8" Barb × 1/2" MIP, 1/Bag	BI	5	60
	1/2" BARB			
904-402001	1/2" Barb × 1/2" MIP, 1/Bag	BI	5	60
904-41201601	1/2" Barb × 3/8" MIP, 1/Bag	BI	5	60
904-41203001	1/2" Barb × 3/4" MIP, 1/Bag	BI	5	60
	5/8" BARB			
904-41251601	5/8" Barb × 3/8" MIP, 1/Bag	BI	5	60
904-41252001	5/8" Barb × 1/2" MIP, 1/Bag	BI	5	60
904-41253001	5/8" Barb × 3/4" MIP, 1/Bag	BI	5	60
	3/4" BARB			
904-403001	3/4" Barb × 3/4" MIP, 1/Bag	BI	5	60
904-41302001	3/4" Barb × 1/2" MIP, 1/Bag	BI	5	60
	1" BARB			
904-404001	1" Barb × 1" MIP, 1/Bag	BI	5	60
904-41403001	1" Barb × 3/4" MIP, 1/Bag	BI	5	60
	1-1/4" BARB			
904-405001	1-1/4" Barb × 1-1/4" MIP, 1/Bag	BI	4	4
	2" BARB			
904-407001	2" Barb × 2" MIP, 1/Bag	BI	1	4

904-457001

Nylon Hose Barb Straight Adapters

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
904-457001	2" Barb × 2" FIP, 1/Bag	BI	1	4

Nylon Hose Barb Elbow Adapters

MIP

904-28102001

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	1/4" BARB			
904-271001	1/4" Barb × 1/4" MIP, 1/Bag	BI	5	60
904-28101601	1/4" Barb × 3/8" MIP, 1/Bag	BI	5	60
	3/8" BARB			
904-271601	3/8" Barb × 3/8" MIP, 1/Bag	BI	5	60
904-28161001	3/8" Barb × 1/4" MIP, 1/Bag	BI	5	60
904-28162001	3/8" Barb × 1/2" MIP, 1/Bag	BI	5	60
904-28163001	3/8" Barb × 3/4" MIP, 1/Bag	BI	5	60
	1/2" BARB			
904-272001	1/2" Barb × 1/2" MIP, 1/Bag	BI	5	60
904-28201601	1/2" Barb × 3/8" MIP, 1/Bag	BI	5	60
904-28203001	1/2" Barb × 3/4" MIP, 1/Bag	BI	5	60
	5/8" BARB			
904-28252001	5/8" Barb × 1/2" MIP, 1/Bag	BI	5	60
904-28253001	5/8" Barb × 3/4" MIP, 1/Bag	BI	5	60
	3/4" BARB			
904-273001	3/4" Barb × 3/4" MIP, 1/Bag	BI	5	60
904-28302001	3/4" Barb × 1/2" MIP, 1/Bag	BI	5	60
904-28304001	3/4" Barb × 1" MIP, 1/Bag	BI	5	60

Notes:

Brass Garden Hose Fittings

Couplings

Elbows

Straight Adapters

Cap

Wye

Blowout Fittings

Washers

937-7130101 **Page 693**	**937-803030201** **Page 693**	**937-6730101** **Page 693**	**937-6930101** **Page 693**	**937-65303001** **Page**
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Brass Garden Hose Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
937-1230201	3/4" FHT Swivel Coupling, 1/Bag	BI	5	60
937-123030101	3/4" FHT, 1/Bag	BI	5	60
937-7130101	3/4" MHT, 1/Bag	BI	5	60

937-7130101

Brass Garden Hose Elbow

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
937-803030201	3/4" FHT Swivel × 3/4" MHT, 1/Bag	BI	5	20

937-803030201

Brass Garden Hose Straight Adapters

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MHT × MIP			
937-6730101	3/4" MHT × 3/4" MIP, 1/Bag	BI	5	60
937-67303020101	3/4" MHT × 3/4" MIP (1/2" FIP ID), 1/Bag	BI	5	60
937-683020101	3/4" MHT × 1/2" MIP, 1/Bag	BI	5	60
	FHT × MIP WITH RUBBER WASHER			
937-7230101	3/4" FHT × 3/4" MIP w/ 1/2" FIP Tap, 1/Bag	BI	5	60
937-723030101	3/4" FHT × 3/4" MIP, 1/Bag	BI	5	60
937-733020101	3/4" FHT × 1/2" MIP, 1/Bag	BI	5	60

937-7230101

Brass Garden Hose Straight Adapters

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MHT × FIP			
937-6930101	3/4" MHT × 3/4" FIP, 1/Bag	BI	5	60
937-703020101	3/4" MHT × 1/2" FIP, 1/Bag	BI	5	60
	FHT × FIP WITH RUBBER WASHER			
937-7530101	3/4" FHT × 3/4" FIP, 1/Bag	BI	5	40
937-753030201	3/4" FHT × 3/4" FIP Swivel, 1/Bag	BI	5	60
937-763020101	3/4" FHT × 1/2" FIP, 1/Bag	BI	5	60
937-763020201	3/4" FHT × 1/2" FIP Swivel, 1/Bag	BI	5	60

937-6930101

937-753030201

937-66302001

937-773030101

Brass Garden Hose Straight Adapters

Hose Barb

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MHT × HOSE BARB			
937-66302001	3/4" MHT × 1/2" Barb, 1/Bag	BI	5	40
937-66302501	3/4" MHT × 5/8" Barb, 1/Bag	BI	5	20
	MACHINED FHT × HOSE BARB			
937-773030101	3/4" FHT × 3/4" ID Barb, Swivel, 1/Bag	BI	5	40
937-782030101	3/4" FHT × 1/2" ID Barb, Swivel, 1/Bag	BI	5	40
937-8520300201	3/4" FHT × 3/8" ID Barb, Swivel, 1/Bag	BI	5	40
	STAMPED FHT X HOSE BARB			
937-783016201	3/4" FHT × 3/8" ID Barb, Swivel, 1/Bag	BI	5	60
937-783020201	3/4" FHT × 1/2" ID Barb, Swivel, 1/Bag	BI	5	40

937-793002201

Brass Garden Hose Straight Adapters

Compression

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
937-793002201	3/4" FHT × 1/4" OD Comp, Swivel, 1/Bag	BI	5	60

937-4930101

Brass Garden Hose Cap

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
937-4930100	3/4" FHT, Stamped, 1/Bag	BI	5	60
937-4930101	3/4" FHT, Machined, 1/Bag	BI	5	60

937-2330101

Brass Garden Hose Wye

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
937-2330101	3/4" FHT × 3/4" MHT × 3/4" MHT, 1/Bag	BI	5	20

Brass Garden Hose Blowout Fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
937-95301001	3/4" MHT × 1/4" Air I/M, 1/Bag	BI	5	60
937-96301001	3/4" FHT × 1/4" Air I/M w/ Rubber Washer, 1/Bag	BI	5	60

937-96301001

Brass Garden Hose Washer

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
291-30500	3/4" Garden Hose Washer	B	12	240

291-30500

Notes:

Nylon Garden Hose Fittings

Couplings

Straight Adapters

Cap

Nylon Garden Hose Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
938-1230101	3/4" FHT, 1/Bag	BI	5	60
938-713030101	3/4" MHT, 1/Bag	BI	5	60

938-713030101

Nylon Garden Hose Straight Adapters

MIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MHT × MIP			
938-673030101	3/4" MHT × 3/4" MIP, 1/Bag	BI	5	60
938-683020101	3/4" MHT × 1/2" MIP, 1/Bag	BI	5	60

938-673030101

Nylon Garden Hose Straight Adapters

FIP

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MHT × FIP			
938-693030101	3/4" MHT × 3/4" FIP, 1/Bag	BI	5	60
	FHT × FIP			
938-7530101	3/4" FHT × 3/4" FIP, 1/Bag	BI	5	60

938-693030101

938-7530101

938-65303000

938-783020201

Nylon Garden Hose Straight Adapters

Hose Barb

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MHT × HOSE BARB			
938-65303001	3/4" MHT × 3/4" Barb, 1/Bag	BI	5	40
938-66302001	3/4" MHT × 1/2" Barb, 1/Bag	BI	5	40
938-66302501	3/4" MHT × 5/8" Barb, 1/Bag	BI	5	40
	FHT × HOSE BARB			
938-783010201	3/4" FHT × 1/4" Barb, 1/Bag	BI	5	60
938-783016201	3/4" FHT × 3/8" Barb, 1/Bag	BI	5	60
938-783020201	3/4" FHT × 1/2" Barb, 1/Bag	BI	5	60
938-783025201	3/4" FHT Swivel × 5/8" Barb, 1/Bag	BI	5	60

Hose Clamps

Stainless Steel Hose Clamps

Easy Clamps

SIOUX CHIEF

Stainless Steel Hose Clamps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	5/16" WIDE			
905-050402	Trade Size 4, 1/4" OD To 5/8" OD, 2/Bag	B	5	60
905-050802	Trade Size 8, 7/16" OD To 1" OD, 2/Bag	B	5	60
905-051202	Trade Size 12, 1/2" OD To 1-1/4" OD, 2/Bag	B	5	60
905-052402	Trade Size 24, 1" OD To 2" OD, 2/Bag	B	5	60
905-053602	Trade Size 36, 1-3/4" OD To 2-3/4" OD, 2/Bag	B	5	60
901-10	Trade Size 10, 1/2" OD To 1-1/16	B	10	100
901-12	Trade Size 12, 1/2" To 1-1/4", 10/Bag	B	10	100
901-16	Trade Size 16, 11/16" OD To 1-1/2" OD, 10/Bag	B	10	100
901-20	Trade Size 20, 3/4" OD To 1-3/4" OD, 10/Bag	B	10	100
901-24	Trade Size 24, 1" OD To 2" OD, 10/Bag	B	10	100
901-28	Trade Size 28, 1-1/4" OD To 2-1/4" OD, 10/Bag	B	10	100
901-32	Trade Size 32, 1-1/2" OD To 2-1/2" OD, 10/Bag	B	10	100

905-050402

EasyClamps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
906-0402	1/4" OD, 2/Bag	BI	5	60
906-0502	5/16" OD, 2/Bag	BI	5	60
906-0602	3/8" OD, 2/Bag	BI	5	60
906-0802	1/2" OD, 2/Bag	BI	5	60
906-1002	5/8" OD, 2/Bag	BI	5	40
906-1202	3/4" OD, 2/Bag	BI	10	120
906-1402	7/8" OD, 2/Bag	BI	10	120

906-0402

Notes:

Valves & Cocks

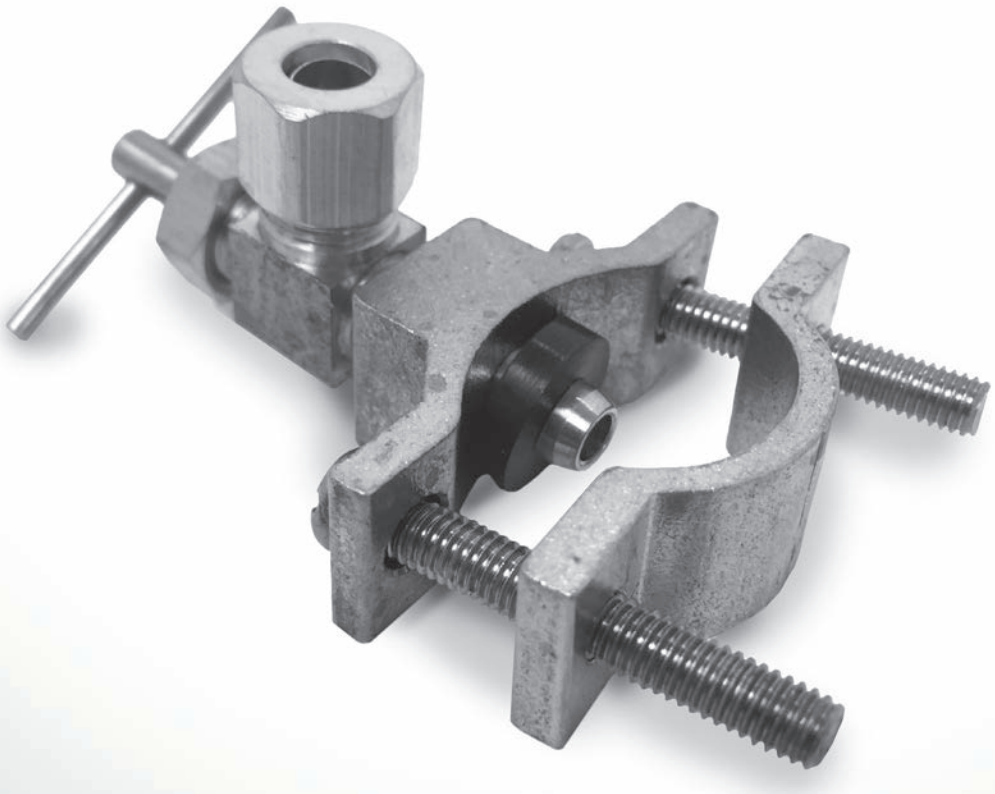
Straight, Angle

Saddle Valves

Cooler Fittings

Drain Cocks

Shutoff Cocks



997-400201 **Page 707**	**997-020201104001** **Page 707**	**997-940201** **Page 707**	**998-05024001** **Page**	**998-301001** **Page**

Needle Valves - Straight

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ANDER-LIGN			
997-400201	1/4" OD Ander-Lign, 1/Bag	BI	5	60
997-401001	3/8" OD Ander-Lign, 1/Bag	BI	5	60
	COMPRESSION			
997-010206020601	1/4" OD Comp, 1/Bag	BI	5	60

997-400201

997-010206020601

Needle Valves - Angled

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ANDER-LIGN × MIP			
997-0242020201	1/4" OD Ander-Lign × 1/8" MIP, 1/Bag	BI	5	60
	COMPRESSION × MIP			
997-020201104001	1/4" OD Comp × 1/4" MIP, 1/Bag	BI	5	60
997-020206024001	1/4" OD Comp × 1/8" MIP, 1/Bag	BI	5	60

997-0202011040

997-020201104001

Needle Valves - Saddle Valves

Related Products
Add-A-Line™ Push-Fit Tee p 127

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SELF-TAPPING			
997-940201	Self-Tapping 1/4" OD Ander-Lign, Rough Brass, 1/Bag	BI	5	60
997-941001	Self-Tapping 3/8" OD Ander-Lign, Rough Brass, 1/Bag	BI	5	40
	DRILL-TYPE			
997-950201	Drill Type × 1/4" OD Comp., Rough Brass 1/Bag	BI	5	60

997-940201

997-022590020601

998-05104001

Drain Cocks

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
998-05104001	1/4" MIP w/ Tee Handle, 1/Bag	BI	5	60

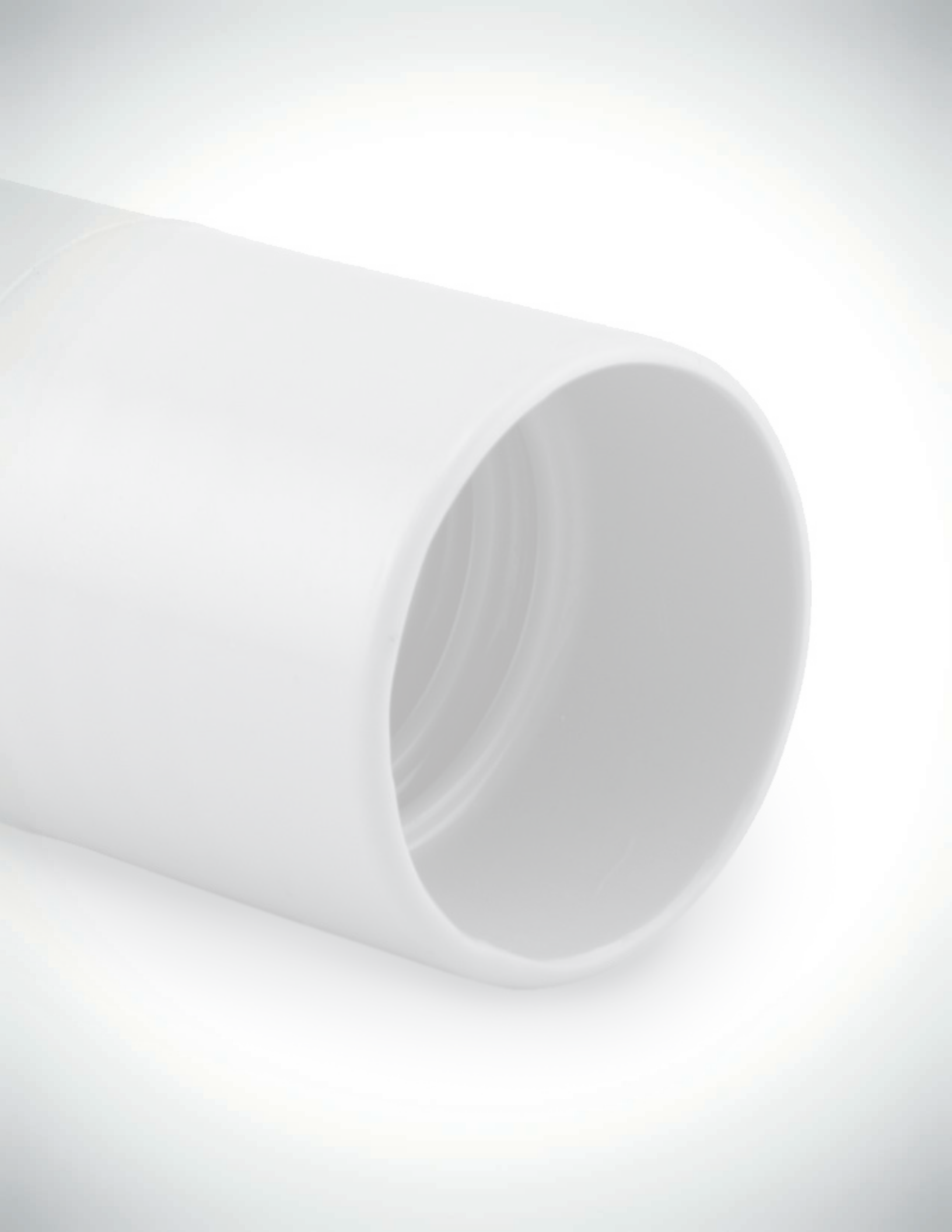
998-51162001

Shuttoff Cocks

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	MIP × FIP			
998-011044104001	1/4" FIP × 1/4" MIP, 1/Bag	BI	5	60
	FLARE × FIP			
998-51162001	1/2" OD Flare × 1/2" FIP, 1/Bag	BI	5	20

Pool Hose Fittings

Couplings



Pool Hose Couplings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
902-125001	1-1/4", 1/Bag	BI	2	24
902-126001	1-1/2", 1/Bag	BI	2	24

902-126001

Notes:

Tools & Chemicals

PowerPEX® Tools

Tools & Accessories

Brushes & Abrasives

Sealants, Lubricants & Tapes

Chemicals

Tools & Chemicals

PowerPEX® Tools

Crimp tools for PEX F1807 and F2159 joints using a copper crimp ring, and compression tools for joints using the stainless steel V-Sleeve™. Expansion tools and heads for F1960 joints with PEX expansion sleeves.

Tools & Accessories

A variety of cutting tools, wrenches, and other tools for all types of plumbing installations.

Brushes & Abrasives

Brushes for applying pipe dope and cement, and abrasive pads/tools for cleaning copper.

Sealants, Lubricants & Tapes

Adhesive and thread-sealing tapes, hydraulic cement and silicone thread/stem lubricant.

Chemicals

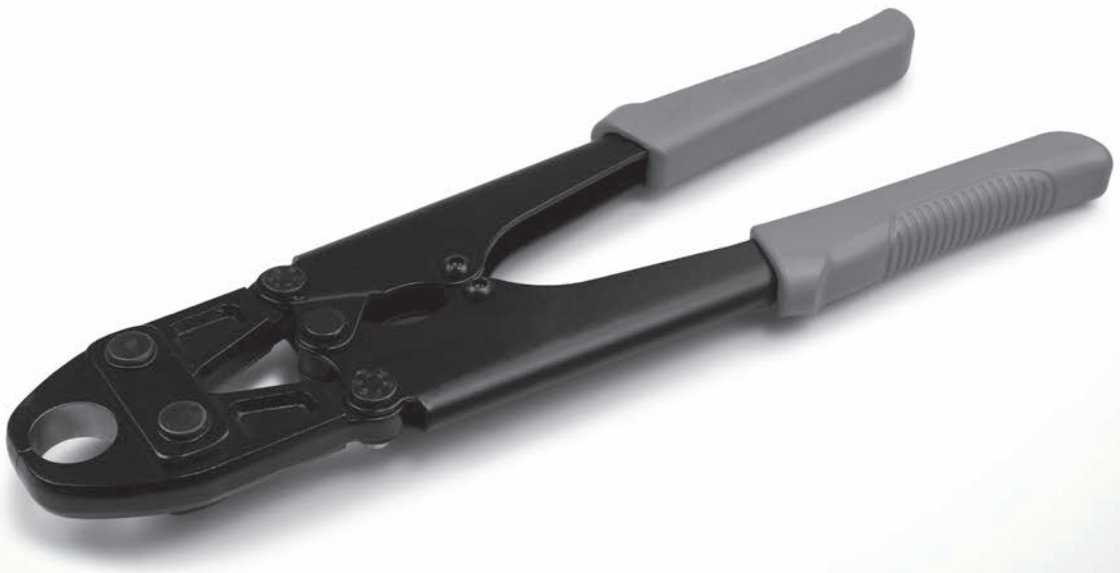
FlowEasy™ fast-acting, drain cleaner uses buffered sulphuric acid to dissolve clogs without damage to plumbing systems

PowerPEX® Tools

ASTM F1807/F2159 Tools

ASTM F1960 Tools

PEX Coil Unwinder



ASTM F1807/F2159 Tools

Crimp Tools

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
305-7023	1/2"- 3/4", Straight Handle	BI	1	10
305-7040	1", Straight Handle	BI	1	10
305-7050	1-1/4", Straight Handle	BI	1	10
305-7095	5-N-1 Combo Kit w/ Case (3/8"- 1/2"- 5/8"- 3/4"- 1") Straight Handle	BI	1	5
	COMPACT			
305-7110	3/8" w/ Case	BI	1	8
305-7120	1/2" w/ Case	BI	1	8
305-7123	1/2"- 3/4" w/ Case	BI	1	8
305-7130	3/4" w/ Case	BI	1	8
305-7141	1" w/ Case	BI	1	5
	GO/NO-GO CRIMP GAUGE			
305-995	3/8", 1/2", 5/8", 3/4", 1", 1/Bag	BI	1	200

305-7095

305-7120

ASTM F1807/F2159 Tools

Crimp Ring Removal Tools

- Use only on Brass or Stainless Steel fittings

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-999	3/8" - 1"	BI	1	40

305-999

ASTM F1807/F2159 Tools

V-Sleeve™ Compression Tools

- Exclusively for installing Sioux Chief 's V-Sleeve ™ stainless steel PEX compression system

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD COMPRESSION TOOL			
305-804	1" Straight Handle	BI	1	10
	RATCHETING COMPRESSION TOOL			
305-802R	1/2" Ratcheting Straight Handle	B	1	20
305-803R	3/4" Ratcheting Straight Handle	B	1	20
305-804R	1" Ratcheting Straight Handle	B	1	10
	COMPACT COMPRESSION TOOL			
305-92TX	1/2"	BI	1	10
	GO/NO-GO COMPRESSION GAUGE			
305-85TX	1/2", 3/4", & 1"	BI	1	12

305-802R

305-92TX

305-85TX

305-649

ASTM F1807/F2159 Tools

Cinch Tools

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-649	3/8" -1"	BI	1	10

305-W2H

ASTM F1960 Tools

Manual Expansion Tools

· To insure a proper joint, Sioux Chief suggests the use of a power rotating tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EXPANSION TOOLS			
305-W23KIT	F1960 Standard Tool Kit w/ 1/2" & 3/4" Heads	BI	1	5
305-WT	F1960 Pipe Expander Tool Only	BI	1	10
	EXPANSION HEADS			
305-W2H	1/2"	BI	1	20
305-W3H	3/4"	BI	1	20
305-W4H	1"	BI	1	20

305-W3PTEH

ASTM F1960 Tools

Power Expansion Heads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	EXPANSION HEADS			
305-W2PTEH	1/2"	BI	10	60
305-W3PTEH	3/4"	BI	10	60
305-W4PTEH	1"	BI	10	60

305-X665

PowerPex® Coil Unwinder

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-X665	PEX Tube Coil Unwinder	BI	1	1

Tools & Accessories

Tube Cutters, SawHorse™, Inside Pipe Cutter

Metal Stud Punch, Slip-Joint Pliers, Box Wrench

Basin Wrench, Allen Wrench Set, Strap Wrench

PO Plug Wrench, Faucet Seat Wrench

Tub/Shower Socket Set, Element Wrench

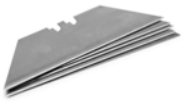
Screwdrivers, Push-fit Disconnect Tools

Faucet Handle Puller, Flaring Tool

Inspection Mirror, Levels, Tape Measure

Plunger, Work Gloves,

Tie-Down Straps, Bin Boxes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Poly Tube Cutters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
304-08	Plastic Tube And Hose Cutter – 2-1/4" Blade Length	BI	12	72
304-1	Replacement Blade For 304-08	BI	1	50
304-12	Plastic Tube And Hose Cutter – 3-1/4" Blade Length	BI	12	12
304-12B	Replacement Blade For 304-12	BI	12	12
	RATCHETING			
304-11	Cuts 3/8" Thru 1-1/4" Diameter Tube/Pipe	BI	12	12
305-A139092	Cuts 1-1/4" Thru 2" Diameter Tube/Pipe	BI	1	10
305-A139092B	Replacement Blade for 305-A139092	BI	1	25

304-08

304-11

Copper Tube Cutters

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
304-20	Mini Cutter, 1/8" Thru 5/8" Capacity	BI	1	24
304-30	Zip Action Cutter w/ Deburring Tool, 3/16" Thru 1-1/4" Capacity	BI	1	10
304-32	Replacement Wheel For 304-25/304-30	BI	1	20

304-20

SawHorse™ Multi-Purpose Saws

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SAWS			
300-12	12" w/ Plastic Teeth Protector	B	12	12
300-20	20" w/ Plastic Teeth Protector	B	4	4
	REPLACEMENT BLADES			
300-20B	Replacement Blade For 300-20	B	6	6

300-12

300-20

SawHorse™ Mini Hacksaws

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	SAWS			
301-062	Deluxe Pistol Grip, 6" Blade	B	10	10
301-065	Standard D-Type, 6" Blade	B	20	20
	REPLACEMENT BLADES			
301-061	6" Carbon Steel Replacement Blade 32 Teeth/Inch, Pin Ends	B	5	100

301-062

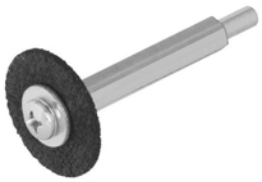
301-065

301-061

390-50105

Wire Cable Saw

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50105	36" Wire Cable Saw For Plastic Pipe	BI	25	25



390-50153

390-50163

390-50154

Inside Pipe Cutter

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	PIPE CUTTER			
390-50153	Inside Pipe Cutter w/ Two 1-9/16" Abrasive Discs	BI	10	100
390-50163	Inside Pipe Cutter w/ 1-1/4" Steel Blade	BI	10	100
	REPLACEMENT BLADES			
390-50154	Kit: 3 Abrasive Discs, 1 Bolt, 1 Washer	BI	10	100
390-50164	1 Hardened Steel Blade Only	BI	10	100

304-06

Deburring Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
304-06	Deburring Tool, Includes One Spare Blade	BI	24	24
304-061B	Replacement deburring blade, 1/Bag	BI	10	250

305-521PK

Metal Stud Punch

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-521PK	1-11/32" Hole w/ Carrying Case	BI	1	5
305-521PKB	Cutting Bit Replacement	B	1	10

Slip-Joint Pliers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
306-10	10'' Angle-Nose Pliers	BI	10	50

306-10

Ratcheting Offset Box Wrenches

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
316-1	3/8'' × 7/16'' Ratchet Box Wrench	BI	12	12
316-2	1/2'' × 9/16'' Ratchet Box Wrench	BI	12	12

316-2

Telescoping Basin Wrench

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50197	Telescopic Basin Wrench	BI	1	20

390-50197

Hex Wrenches

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
318-9	9Pc Fold-Up Allen Wrench Set	BI	10	10
882-HEXKEY1	5/32" Hex key - T-handle	BI	1	50

318-9

Strap Wrench

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
313-20	Strap Wrench	BI	12	12

313-20

Shower Arm Installation Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
307-625	Shower Arm Installation Tool	BI	6	6

307-625

390-50198

PO Plug Wrench

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50198	Pop-Up & Overflow Plug Wrench	BI	5	20

390-50130

Faucet Seat Wrenches

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50130	Ratchet Wrench Set	BI	1	25
390-50132	Straight Wrench Tool	BI	12	12
390-50133	Angle Wrench Tool	BI	12	12

390-50134

Faucet Stem Key

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50134	Four-Way Faucet Stem Key	BI	12	12

311-10

Tub/Shower Socket Set

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
311-10	Set w/ Carrier Handle	BI	5	5

390-50185

Water Heater Element Wrench

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50185	Water Heater Element Wrench	BI	10	10

Screwdrivers

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
314-10	Six-In-One Screwdriver, Red Handle – Display Pack	BI	12	12
314-12	Six-In-One w/ Easy Grip Rubber Handle	BI	12	12

314-10

314-12

PDQ™ Push-Fit Disconnect Tools

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305Q2	1/2", 1/Bag	CI	24	24
305Q23PK1	1/2" & 3/4", 1 Pair/Bag	BI	12	12
305Q3	3/4", 1/Bag	CI	24	24
305Q4	1", 1/Bag	CI	12	12
305Q4PK1	1", 1/Bag	BI	5	400

305Q3

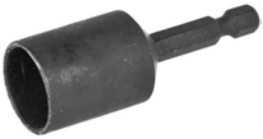
Access Grommet Removal Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
305-RT	Valve Grommet Removal Tool For Access Products	BI	1	10

305-RT

Thread Rod Anchor Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
590-44ND1	Nut Driver #14 For Vertical Anchors (Black), 1/Bag	BI	1	12
590-44ND2	Nut Driver #14SW For Horizontal Anchors (Red), 1/Bag	BI	1	12


590-44ND1

Shower WallNut™ Removal Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
307-616	Shower Wallnut Removal Tool	BI	1	10

307-616

Moen Cartridge Puller

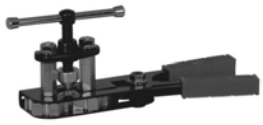
Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50128	Puller For Moen	BI	12	12

390-50128

318-4

Faucet Handle Puller

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
318-4	Faucet Handle Puller	BI	5	5



308-2

Flaring Tool

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
308-2	Deluxe Flaring Tool	BI	1	12

390-50138

O-Ring Pick

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50138	Deluxe O-Ring Pick	BI	12	12

390-50115

Inspection Mirror

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50115	Extendable Inspection Mirror w/ Magnetic Tip	BI	24	24

390-50110

Match Holder

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50110	Extendable Match Holder w/ Pocket Clasp	BI	25	25

310-10

Levels

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
310-12	10" Aluminum Level, Magnetic	BI	10	10

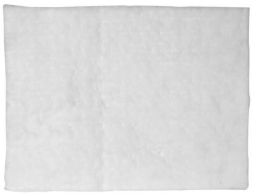
Plunger

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
312-2	Funnel Type Rubber Plunger – 20" Handle	BI	12	12

312-2

SafeFlame™ Protection Pad

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50160	Flame Protection Blanket	BI	1	25



390-50160

Work Gloves

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
961-20	Brown Jersey Gloves, 1/Pair	B	24	24
961-22	Knit Gloves w/ Gripping Dots, 1/Pair	B	24	24
961-32	All Leather Gloves, Large, 1/Pair	B	1	12
961-34	All Leather Gloves, Extra Large, 1/Pair	B	1	12

961-32

Tie-Down Straps

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
319-15	15"- 22" EPDM Tie-Down Strap	B	50	50
319-20	20"- 30" EPDM Tie-Down Strap	B	50	50
319-31	31"- 45" EPDM Tie-Down Strap	B	50	50

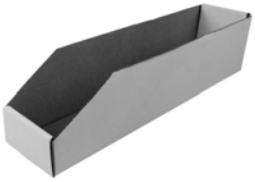
319-20

Cable Ties

Durable Non-Corrosive Nylon

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	STANDARD			
554-08	8" × 3/16"	B	100	2500
554-14	14-1/2" × 3/16"	B	100	1000
554-14H	14 1/2" × 5/16"	B	100	1000
554-21	21" × 5/16"	B	50	500
554-36	36" × 5/16"	B	50	250

554-08



965-204

Bin Boxes

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
965-204	12" Deep × 4" Wide × 4-1/2" High	B	25	25
965-208	12" Deep × 8" Wide × 4-1/2" High	B	25	25
965-212	12" Deep × 12" Wide × 4-1/2" High	B	25	25
965-804	18" Deep × 4" Wide × 4-1/2" High	B	25	25
965-808	18" Deep × 8" Wide × 4-1/2" High	B	25	25
965-812	18" Deep × 12" Wide × 4-1/2" High	B	25	25

390-50200

Peg-Board Hook

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
390-50200	Peg Board Hook	B	10	50

Brushes & Abrasives

Fitting Brushes

Acid/Cement Brushes

Tube OD Brush

Abrasive Cleaning Pads

Abrasive Mesh

Fitting Brushes

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	DELUXE WOOD HANDLE			
704-2	1/2" CTS, Stainless Steel	B	12	72
704-3	3/4" CTS, Stainless Steel	B	12	72
704-4	1" CTS, Stainless Steel	B	12	72
	PLASTIC HANDLE			
700-0	1/4" CTS, Carbon Steel	B	12	120
700-1	3/8" CTS, Carbon Steel	B	12	120
700-2	1/2" CTS, Carbon Steel	B	12	120
700-3	3/4" CTS, Carbon Steel	B	12	120
700-4	1" CTS, Carbon Steel	B	12	120
700-5	1-1/4" CTS, Carbon Steel	B	6	60
700-6	1-1/2" CTS, Carbon Steel	B	6	60
700-7	2" CTS, Carbon Steel	B	6	60
705-2	1/2" CTS, Stainless Steel	B	12	120
705-3	3/4" CTS, Stainless Steel	B	12	120
705-4	1" CTS, Stainless Steel	B	12	120
	OPEN-LOOP HANDLE			
702-2	1/2" CTS, Carbon Steel	B	24	240
702-3	3/4" CTS, Carbon Steel	B	24	240
702-4	1" CTS, Carbon Steel	B	24	240
703-2	1/2" CTS, Stainless Steel	B	24	240
703-3	3/4" CTS, Stainless Steel	B	24	240
703-4	1" CTS, Stainless Steel	B	24	240
703-5	1-1/4" CTS, Stainless Steel	B	12	120
703-6	1-1/2" CTS, Stainless Steel	B	6	60
703-7	2" CTS, Stainless Steel	B	6	60
	DRILL ATTACHMENT			
706-2	1/2" CTS, Carbon Steel	B	12	72
706-3	3/4" CTS, Carbon Steel	B	12	72
706-4	1" CTS, Carbon Steel	B	12	72
707-2	1/2" CTS, Stainless Steel	B	12	72
707-3	3/4" CTS, Stainless Steel	B	12	72
707-4	1" CTS, Stainless Steel	B	12	72

704-2

700-2

703-2

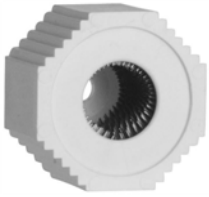
706-3

Acid/Cement Brushes

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ACID BRUSHES			
771	3/8" Wide, 6" Long, 100% Horse Hair, 144/Bag	B	1	12
772	1/2" Wide, 6" Long, 100% Horse Hair, 144/Bag	B	1	12
	DOPE/CEMENT BRUSHES			
773	3/4" Wide, Horse Hair	B	36	288
774	1" Wide, Natural	B	36	432
776	1 1/2" Wide, Natural	B	36	432
777	2" Wide, Natural	B	24	432

771

774


710-2

Tube OD Brush

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
710-2	1/2" CTS	B	6	120
710-3	3/4" CTS	B	6	120
710-4	1" CTS	B	6	120

750-46

Abrasive Cleaning Pads

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
750-46	4" × 6" Fine Grit, Red Nylon Pad, 10 /Bag	B	14	14
750-69	6" × 9" Fine Grit, Tight Weave, Red Nylon Pad, 5/Bag	B	12	12
752-69	6" × 9" Medium Grit, Loose Weave, Green Nylon Pad, 5/Bag	B	12	12

730-05

740-10

743-05

Abrasive Mesh/Cloth

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
	ABRASIVE MESH			
730-05	5 Yard Roll In Dispenser Box	BI	24	24
730-10	10 Yard Roll In Dispenser Box	BI	24	24
730-25	25 Yard Roll In Dispenser Box	BI	12	12
	SAND CLOTH			
740-02	2 Yard Roll In Bag	BI	50	50
740-05	5 Yard Roll In Dispenser Box	BI	24	24
740-10	10 Yard Roll In Dispenser Box	BI	24	24
740-25	25 Yard Roll In Dispenser Box	BI	12	12
	WET-PROOF CLOTH			
743-05	5 Yard Roll In Dispenser Box	BI	24	24
743-10	10 Yard Roll In Dispenser Box	BI	24	24
743-25	25 Yard Roll In Dispenser Box	BI	12	12

Sealants, Lubricants & Tapes

Sealants

Lubricants

Tapes

Sealants

Hydraulic Cement Leak Stopper

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
60205005	Cement Leak Stopper, 10 Lb. Plastic bucket	BI	4	4

60205005

Sealants

Oakum

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
963-15PK2	Brown Oakum, 1 Lb/Bag	BI	20	20

963-15PK2

Lubricants

Silicone Lubricant

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
963-01	Silicone Lubricant – 1/4 Oz. Tub	B	24	240

963-01

Tapes

Duct Tape

- HVAC grade 199°F (93°C) to 32°F (0°C)
- HVAC grade has more adhesive
- Industrial grade 140°F (60°C) to 41°F (5°C)

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
330-260	2" Wide × 60 Yard Roll, Industrial Grade 9 Mil	BI	24	24
332-260	2" Wide × 60 Yard Roll, HVAC Grade 11.5 Mil	BI	24	24

330-260

Tapes

Pipe Thread Tape

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
335-260	1/2" × 260" Spool	BI	100	500
335-263	3/4" × 260" Spool	BI	70	350
335-520	1/2" × 520" Spool	BI	100	500
335-523	3/4" × 520" Spool	BI	70	350

335-260

Notes:

Chemicals

FlowEasy™ Drain Cleaner

PROFESSIONAL
ONE SHOT
STRENGTH
DISSOLVES
ANY ORGANIC
MATERIAL
HAIR/GREASE/PAPER/RAGS/SOAP/SLUDGE
FLOW-EASY®
DRAIN OPENER
DISSOLVES
CLOGS IN
15 MINUTES
ENVIRONMENTALLY &
CONSUMER FRIENDLY
Part # FE20
20 oz. (.59L)
CORROSIVE. CAUSES SEVERE BURNS. PLEASE SEE ADDITIONAL
CAUTIONS ON BACK AND SIDE OF BOTTLE. KEEP OUT OF REACH OF
CHILDREN. PELIGRO: CORROSIVO. OCASIONA QUEMADURAS GRAVES.

FlowEasy™ - Liquid Drain Cleaner

Item Number	Item Description	Pkg Type	Min Qty	Case Qty
963-HTL-FE128	One-Gallon Bottle FlowEasy™	BI	4	4
963-HTL-FE20	20 oz Bottle FlowEasy™	BI	12	12
963-HTL-FE32	32 Oz Bottle FlowEasy™	BI	12	12
963-HTL-FE64	Half-Gallon Bottle FlowEasy™	BI	4	4

963-HTL-FE128

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Notes:

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
113-32	113	**10**	100	Yes	500144	0.523	**119-0912**	114	**10**	10	No	566300	0.1693
113-33	113	**10**	100	Yes	500151	0.552	**119-10**	114	**6**	6	Yes	566317	0.0877
117-03	115	**20**	240	Yes	500182	0.2423	**119-204**	114	1	25	No	518811	1.5395
117-12	113	**10**	100	No	200655	0.68	**119-206**	114	1	25	No	518828	1.5454
117C2	88	**10**	100	Yes	711458	0.502	**119-208**	114	1	25	No	518835	1.55
117-C223E	88	**25**	25	No	400277	0.554	**119-210**	114	1	25	No	518842	1.744
117Q22	128	**6**	6	Yes	408310	0.7917	**119-210CPK**	114	5	5	Yes	518859	2.0337
117S2	113	**10**	100	Yes	711472	0.4755	**119-212**	114	1	25	No	518873	1.8096
117W2	59	**10**	100	Yes	711489	0.4875	**119-C208**	88	**5**	5	No	406163	1.55
117X2	30	**10**	100	Yes	711496	0.497	**119-C210**	88	**5**	5	No	406170	1.6524
118-01	114	**12**	12	No	500007	0.077	**119Q208**	128	**5**	5	No	421838	1.53
118-02	114	**12**	12	No	500212	0.0072	**119Q210**	128	**5**	5	No	421821	1.62
118-03	114	**1**	1	No	500229	0.013	**119X204P**	31	**5**	5	No	518880	1.45
118-04	114	**12**	100	No	500236	0.006	**119X206P**	31	**5**	5	No	518897	1.4828
118-05	114	**12**	12	No	506672	0.001	**119X208P**	31	**5**	5	No	518903	1.535
118-06	114	**1**	1	No	500342	0.0035	**119X210P**	31	**5**	5	No	518910	1.65
118-07	114	**1**	1	No	500441	0.045	**119X212P**	31	**5**	5	No	518927	1.678
118-08	114	**1**	100	No	500274	0.027	**120-TM3F**	115	**1**	10	Yes	733962	-
118-0904	114	**1**	1	No	500281	0.116	**120-TM3F-1**	115	**1**	500	Yes	735775	-
118-0906	114	**1**	1	No	500298	0.14	**120-TM3F-1**	168	**1**	500	Yes	735775	-
118-0908	114	**1**	1	No	500304	0.158	**120-TM3F-2**	115	**1**	300	Yes	735744	-
118-0910	114	**1**	1	No	500311	0.176	**120-TM3F-2**	168	**1**	300	Yes	735744	-
118-0912	114	**1**	1	No	500328	0.305	**120-TM3F-3**	115	**1**	500	Yes	735768	0.007
118-C208	88	**5**	5	No	400390	0.7688	**120-TM3F-3**	168	**1**	500	Yes	735768	0.007
118M204	114	**1**	40	Yes	401779	1.37	**129-G1C1C**	587	**24**	144	Yes	502391	0.2465
118M206	114	**1**	40	Yes	401830	1.2525	**129-G1F1C**	587	**24**	144	Yes	502360	0.2778
118M208	114	**1**	40	Yes	401885	1.3475	**129-G1RETRO**	587	**24**	144	Yes	502353	0.2597
118M210	114	**1**	40	Yes	402004	1.415	**129-G2C0C**	587	**24**	144	Yes	502346	0.3031
118M212	114	**2**	40	Yes	402028	1.6562	**129-G2C1C**	587	**24**	144	Yes	502339	0.2958
118W204	59	**1**	40	Yes	402202	1.1425	**129-G2F1C**	587	**24**	144	Yes	502322	0.284
118W206	59	**1**	40	Yes	402226	1.2225	**129-G2S1C**	587	**24**	144	Yes	502315	0.2399
118W208	59	**1**	40	Yes	402301	1.3162	**129-G2V1C**	587	**24**	144	Yes	502308	0.2917
118W210	59	**1**	40	Yes	402325	1.4038	**129-G2W0C**	587	1	144	Yes	502292	0.2361
118W212	59	**1**	40	Yes	402349	1.4975	**129-G2W1C**	587	1	144	Yes	204844	0.2134
118X204	30	**1**	40	Yes	402080	1.1338	**129-G2X0C**	587	**24**	144	Yes	502285	0.2309
118X206	30	**1**	40	Yes	402103	1.2288	**129-G2X1C**	587	**24**	144	Yes	502278	0.2292
118X208	30	**1**	40	Yes	402141	1.3062	**130-G1F1C**	587	**24**	144	Yes	502261	0.2792
118X210	30	**1**	40	Yes	402165	1.4025	**130-G2C0C**	587	**24**	144	Yes	502254	0.3083
118X212	30	**2**	40	Yes	402189	1.505	**130-G2C1C**	587	**24**	144	Yes	502223	0.2997
119-00	114	**25**	25	No	566195	0.0144	**130-G2F1C**	587	**24**	144	Yes	502216	0.309
119-01	114	**10**	10	No	566652	0.0957	**130-G2S1C**	587	**24**	144	Yes	502209	0.2378
119-03	114	**10**	10	No	566218	0.0699	**130-G2V1C**	587	**24**	144	Yes	502193	0.292
119-04	114	**25**	25	No	566225	0.0087	**130-G2W0C**	587	1	144	Yes	502186	0.2583
119-07	114	1	100	No	566232	0.136	**130-G2W1C**	587	1	144	Yes	204851	0.2321
119-08	114	**6**	6	No	566249	0.0858	**130-G2X0C**	587	**24**	144	Yes	502179	0.2434
119-08C	114	**6**	6	No	566256	0.0851	**130-G2X1C**	587	**24**	144	Yes	502162	0.2372
119-0904	114	**10**	10	No	566263	0.0844	**131-G0Y3HR101**	113	**5**	60	Yes	722331	0.2283
119-0906	114	**10**	10	No	566270	0.1043	**131-G0Y3HR101**	209	**5**	60	Yes	722331	0.2283
119-0908	114	**10**	10	No	566287	0.1257	**131-G1F1C04**	588	**20**	240	Yes	450722	0.21
119-0910	114	**10**	10	No	566294	0.1426	**131-G1Q1C04**	588	**32**	32	Yes	450739	0.3109

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
131-G2C1C04	588	**20**	240	Yes	450746	0.2706	**134-G2C1CR104**	589	**50**	50	Yes	451194	0.262
131-G2F1C04	588	**20**	240	Yes	450760	0.2385	**134-G2C2C04**	589	**50**	50	Yes	451200	0.265
131-G2Q1C04	588	**32**	32	Yes	502711	0.2391	**134-G2C2M04**	589	**50**	50	Yes	451217	0.29
131-G2S1C04	588	**20**	240	Yes	450777	0.2298	**134-G2F1C04**	589	**50**	50	Yes	451224	0.241
131-G2S1CE504	588	**10**	120	Yes	450784	0.3754	**134-G2F1C1CR104**	589	1	30	Yes	450968	0.2833
131-G2X1C01	588	**30**	30	Yes	449238	0.24	**134-G2F1CLK04**	589	1	50	Yes	451231	0.361
131-G2X2X01	588	**50**	50	Yes	449221	0.205	**134-G2F2C04**	589	**50**	50	Yes	451286	0.255
131-G2X2X04	588	**20**	240	Yes	450807	0.1869	**134-G2F2CLK04**	589	1	50	Yes	451293	0.373
131-GRETR001	588	**30**	30	Yes	449214	0.305	**134-G2S0CR104**	589	**50**	50	Yes	451316	0.259
132-G1F1C01	588	**30**	30	Yes	449207	0.2533	**134-G2S1C04**	589	**50**	50	Yes	451323	0.25
132-G1F1C04	588	**20**	240	Yes	450814	0.235	**134-G2S1CE504**	589	1	50	Yes	451330	0.389
132-G1Q1C04	588	**32**	32	Yes	450821	0.2359	**134-G2S1CE5LK04**	589	1	50	Yes	451347	0.45
132-G2C0C04	588	**20**	240	Yes	450838	0.2804	**134-G2S1CLK04**	589	**50**	50	Yes	451354	0.311
132-G2C1C04	588	**20**	240	Yes	450845	0.2906	**134-G2S1CR104**	589	**50**	50	Yes	451361	0.254
132-G2C1C09	588	**10**	50	Yes	449177	0.296	**134-G2V1C04**	589	**50**	50	Yes	451378	0.27
132-G2C1C0C01	588	**5**	30	Yes	449160	0.3267	**134-G2V1CR104**	589	**50**	50	Yes	451385	0.289
132-G2C1C1C04	588	20	240	Yes	450869	0.3265	**134-G2X1C04**	589	**50**	50	Yes	451392	0.176
132-G2C1CLH04	588	**20**	240	Yes	450906	0.3579	**200-062**	561	25	25	No	500472	0.352
132-G2C2M01	588	**30**	30	Yes	449146	0.33	**200-064**	561	25	25	No	500489	0.36
132-G2F0C01	588	**30**	30	Yes	449139	0.2667	**200-066**	561	25	25	No	500496	0.408
132-G2F1C04	588	**20**	240	Yes	437853	0.2744	**200-082**	561	25	25	No	500502	0.4301
132-G2F1C1C04	588	**20**	240	Yes	450951	0.3	**200-084**	561	25	25	No	500519	0.4801
132-G2Q1C04	588	**32**	32	Yes	700155	0.29	**200-090**	148	25	25	No	105004	0.4801
132-G2Q1C1C04	588	30	30	Yes	736901	0.286	**200-092**	148	25	25	No	105011	0.438
132-G2S1C04	588	**20**	240	Yes	450975	0.2383	**200-122**	561	25	25	No	500540	0.532
132-G2S1CE504	588	**10**	120	Yes	450999	0.365	**200-12225**	562	25	25	No	502896	0.61
132-G2V1C01	588	**5**	30	Yes	449054	0.2283	**200-124**	561	25	25	No	518965	0.6073
132-G2V1C04	588	**20**	120	Yes	451002	0.3004	**206-064**	561	25	25	No	500397	0.474
132-G2X1C04	588	**5**	30	Yes	449030	0.2	**206-066**	561	25	25	No	500588	0.464
133-G1F1C04	590	**50**	50	Yes	451026	0.252	**206-084**	561	**25**	25	No	500595	0.6946
133-G2C1C04	590	**50**	50	Yes	451033	0.294	**206-096**	148	25	25	No	415240	0.3853
133-G2C1C1CDHR104	590	1	50	Yes	450753	0.657	**207-06325**	562	25	25	No	451408	0.344
133-G2F1C04	590	**50**	50	Yes	451057	0.291	**207-08325**	562	25	25	No	451415	0.358
133-G2S1C04	590	**50**	50	Yes	451064	0.313	**207-12425**	562	25	25	No	451439	0.78
133-G2S1CE504	590	1	50	Yes	449009	0.444	**210-064**	562	25	25	No	500601	0.3841
133-G2V1C04	590	**50**	50	Yes	451088	0.321	**210-066**	562	25	25	No	500618	0.372
133-G2X1C04	590	**50**	50	Yes	451101	0.229	**210-084**	562	25	25	No	500625	0.4563
133-GZ2M2FR104	590	**20**	20	Yes	502735	0.36	**210-086**	562	25	25	No	500632	0.454
133-GZ2S2SR104	590	**50**	50	Yes	451118	0.25	**210-122**	562	25	25	No	500649	0.55
134-G1F1C04	589	**50**	50	Yes	448996	0.191	**210-12225**	562	1	25	No	502902	0.606
134-G2C0C04	589	**50**	50	Yes	451156	0.237	**210-28625**	562	25	25	No	451446	0.416
134-G2C0CR104	589	**50**	50	Yes	451163	0.25	**210-38625**	562	25	25	No	451453	0.472
134-G2C1C04	589	**50**	50	Yes	451170	0.243	**213-060**	563	25	25	No	504838	0.324
134-G2C1C0CDHR104	589	1	50	Yes	450852	0.651	**213-061**	563	25	25	No	509550	0.324
134-G2C1C1C04	589	1	30	Yes	207135	0.275	**213-067**	563	25	25	No	500670	0.3378
134-G2C1C1CDH04	589	1	50	Yes	450876	0.604	**213-068**	563	25	25	No	509574	0.3166
134-G2C1C1CDHR104	589	1	50	Yes	450883	0.651	**213-069**	563	25	25	No	509567	0.2911
134-G2C1C1CR104	589	1	30	Yes	450890	0.295	**213-090**	148	25	25	No	105028	0.3483
134-G2C1CE504	589	1	50	Yes	461421	0.255	**213-092**	148	25	25	No	105035	0.3483
134-G2C1CLK04	589	1	50	Yes	451187	0.373	**213-096**	148	25	25	No	744333	0.35

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
215-064	563	25	25	No	500700	0.3503
215-066	563	25	25	No	500717	0.3503
216-084	562	25	25	No	500724	0.428
216-086	562	25	25	No	500731	0.448
230-0105101	543	**25**	25	Yes	448941	0.258
230-0105201	543	**25**	25	Yes	451460	0.242
230-0106101	543	**50**	50	Yes	706768	0.3
230-0106201	543	**50**	50	Yes	701091	0.309
230-0115101	543	**25**	25	Yes	451477	0.246
230-0115201	543	**25**	25	Yes	207166	0.234
230-0206101	543	**50**	50	Yes	448927	0.318
230-0206201	543	**50**	50	Yes	451484	0.365
230-0226301	543	**25**	25	Yes	701107	0.512
230-0316101	543	**50**	50	Yes	451491	0.342
230-0316201	543	**50**	50	Yes	207180	0.339
230-0406101	543	**50**	50	Yes	451514	0.413
230-0406201	543	**50**	50	Yes	451521	0.408
230-0516150	543	**50**	50	Yes	701114	0.344
230-0706101	543	**50**	50	Yes	701121	0.355
230-0706201	543	**50**	50	Yes	701138	0.36
230-0706401	543	**50**	50	Yes	701145	0.41
230-0716101	543	**50**	50	Yes	701152	0.347
230-0716201	543	**50**	50	Yes	701169	0.35
230-0806101	543	**50**	50	Yes	701176	0.346
230-0806201	543	**50**	50	Yes	701183	0.348
230-0908101	543	**12**	12	Yes	448903	0.2625
230-1005101	544	**10**	10	Yes	448897	0.59
230-1005201	544	**10**	10	Yes	701206	0.62
230-1015101	544	**10**	10	Yes	701213	0.505
230-106101	544	**10**	10	Yes	203854	0.76
230-1106101	544	**10**	10	Yes	448880	0.64
230-1106201	544	**10**	10	Yes	701220	0.78
230-1106301	544	**10**	10	Yes	701237	0.82
230-1116101	544	**10**	10	Yes	701244	-
230-1505101	544	**12**	12	Yes	448873	0.1625
230-1506101	544	**25**	25	Yes	448866	0.188
230-1516101	544	**25**	25	Yes	701251	0.194
230-1606101	544	**12**	12	Yes	448859	0.2292
230-1616101	544	**12**	12	Yes	701268	0.2167
230-170607101	544	**25**	25	Yes	448842	0.14
230-170616101	545	**25**	25	Yes	701282	0.538
230-170616201	545	**25**	25	Yes	701299	0.57
230-171616101	545	**25**	25	Yes	701305	0.548
230-180616101	545	**25**	25	Yes	701312	0.534
230-180616201	545	**25**	25	Yes	701329	0.538
230-181616101	545	**25**	25	Yes	701336	0.514
230-190616101	545	**25**	25	Yes	701343	-
230-190616201	545	**25**	25	Yes	701350	0.54
230-191616101	545	**25**	25	Yes	701367	-
230-200616101	545	**25**	25	Yes	451569	0.46
230-200616201	545	**25**	25	Yes	701374	0.452
230-201616101	545	**25**	25	Yes	701381	-
230-210616101	545	**25**	25	Yes	451576	0.5044
230-210616201	545	**25**	25	Yes	701398	0.474
230-220616101	545	**10**	10	Yes	448835	0.5
230-220616201	545	**25**	25	Yes	701404	0.47
230-230616101	545	**25**	25	Yes	701411	0.438
230-230616201	545	**25**	25	Yes	701428	0.452
230-231616101	545	**25**	25	Yes	701435	-
230-240616101	545	**25**	25	Yes	701442	0.456
230-240616201	545	**25**	25	Yes	701459	0.464
230-241616101	545	**25**	25	Yes	701466	0.462
230-250616101	545	**25**	25	Yes	451590	0.454
230-250616201	545	**25**	25	Yes	701473	0.466
230-251616101	545	**25**	25	Yes	701480	0.472
230-2606101	545	**20**	20	Yes	448828	0.47
230-2606201	545	**20**	20	Yes	725677	0.68
230-261616101	545	**25**	25	Yes	701497	0.52
230-270616101	546	**25**	25	Yes	701503	0.466
230-270616201	546	**25**	25	Yes	715364	0.4
230-270621101	546	**25**	25	Yes	701510	0.652
230-270625101	546	**25**	25	Yes	701527	0.736
230-271616101	546	**25**	25	Yes	701534	0.428
230-271616201	546	**25**	25	Yes	701541	0.43
230-271621101	546	**25**	25	Yes	701558	0.522
230-271625101	546	**25**	25	Yes	701565	0.626
230-280616101	546	**25**	25	Yes	701572	0.432
230-280616201	546	**25**	25	Yes	701589	0.414
230-281616101	546	**25**	25	Yes	701596	0.438
230-2906101	546	**10**	10	Yes	448811	0.505
230-290616201	546	**25**	25	Yes	451675	0.444
230-291616101	546	**25**	25	Yes	701602	0.464
230-300616101	546	**25**	25	Yes	503435	0.456
230-300616201	546	**25**	25	Yes	701619	0.436
230-300621101	546	**25**	25	Yes	701626	0.48
230-300625101	546	**25**	25	Yes	701633	0.536
230-301616101	546	**25**	25	Yes	701640	0.446
230-301621101	546	**25**	25	Yes	701657	0.484
230-301625101	546	**25**	25	Yes	701664	0.55
230-310616101	546	**25**	25	Yes	701671	0.448
230-310616201	546	**25**	25	Yes	701688	0.482
230-311616101	546	**25**	25	Yes	701695	0.452
230-320616101	547	**25**	25	Yes	501226	0.488
230-320616201	547	**25**	25	Yes	701701	0.516
230-321616101	547	**25**	25	Yes	207241	0.506
230-330616101	547	**25**	25	Yes	451750	0.412
230-330616201	547	**25**	25	Yes	711786	0.412
230-331616101	547	**25**	25	Yes	451767	0.452
230-40060125	547	**25**	25	Yes	451774	0.03
230-40060450	547	**50**	50	Yes	451781	0.049

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
230-40060650	547	**50**	50	Yes	451798	0.075
230-40060825	547	**25**	25	Yes	451804	0.108
230-40061225	547	**25**	25	Yes	451811	0.152
230-40160450	547	**50**	50	Yes	207258	0.05
230-40160650	547	**50**	50	Yes	451828	0.083
230-40160825	547	**25**	25	Yes	451835	0.108
230-40161225	547	**25**	25	Yes	451842	0.17
230-41061625	547	**25**	25	Yes	451859	0.226
230-41161625	547	**25**	25	Yes	451866	0.21
230-44061625	547	**25**	25	Yes	701718	0.64
230-450506132	548	**32**	32	Yes	451873	0.1031
230-450506232	548	**32**	32	Yes	701725	0.1031
230-450508125	548	**25**	25	Yes	701732	0.124
230-450508225	548	**25**	25	Yes	701749	0.12
230-450512116	548	**16**	16	Yes	451880	0.1688
230-450512216	548	**16**	16	Yes	701756	0.1812
230-450606132	548	**32**	32	Yes	451897	0.122
230-450606232	548	**32**	32	Yes	701763	0.1328
230-450608116	548	**16**	16	Yes	451903	0.1531
230-450608216	548	**16**	16	Yes	701770	0.1812
230-450612116	548	**16**	16	Yes	451910	0.2281
230-450612216	548	**16**	16	Yes	701787	0.2281
230-451506132	548	**32**	32	Yes	701794	0.1031
230-451606132	548	**32**	32	Yes	451927	0.1297
230-451608116	548	**16**	16	Yes	451934	0.1438
230-451608216	548	**16**	16	Yes	701800	0.1812
230-451612116	548	**16**	16	Yes	451941	0.1969
230-460516125	548	**25**	25	Yes	451958	0.214
230-460516225	548	**25**	25	Yes	701817	0.236
230-460616125	548	**25**	25	Yes	451965	0.282
230-460616225	548	**25**	25	Yes	701824	0.29
230-461516125	548	**25**	25	Yes	701831	0.238
230-461616125	548	**25**	25	Yes	451972	0.268
230-461616225	548	**25**	25	Yes	701848	0.29
230-47050650	548	**50**	50	Yes	451989	0.074
230-47050825	548	**25**	25	Yes	451996	0.14
230-47051225	548	**25**	25	Yes	452009	0.194
230-47060825	548	**25**	25	Yes	452016	0.1625
230-47061225	548	**25**	25	Yes	452023	0.2652
230-47150850	548	**50**	50	Yes	701855	0.094
230-47160625	548	**25**	25	Yes	701862	0.248
230-47161225	548	**25**	25	Yes	701879	-
230-48061625	548	**25**	25	Yes	502940	0.338
230-530608225	549	**25**	25	Yes	701886	0.154
230-53060825	549	**25**	25	Yes	203823	0.152
230-53160825	549	**25**	25	Yes	701893	0.152
230-54060825	549	**25**	25	Yes	503442	0.162
230-54160825	549	**25**	25	Yes	701909	-
230-550608225	549	**25**	25	Yes	715371	0.154
230-55060825	549	**25**	25	Yes	452085	0.158
230-55160825	549	**25**	25	Yes	452092	0.242
230-56060825	549	**25**	25	Yes	452108	0.154
230-56160825	549	**25**	25	Yes	701916	0.17
230-57060825	548	**25**	25	Yes	701923	0.196
230-58060825	548	**25**	25	Yes	701930	0.194
230-600607101	549	**25**	25	Yes	448705	0.175
230-600609125	549	**25**	25	Yes	701947	0.188
230-600611125	549	**25**	25	Yes	452115	0.192
230-600615125	549	**25**	25	Yes	452122	0.236
230-600624125	549	**25**	25	Yes	452139	0.562
230-60160725	549	**25**	25	Yes	207272	0.17
230-60160925	549	**25**	25	Yes	701954	0.19
230-601611125	549	**25**	25	Yes	452146	0.198
230-601615125	549	**25**	25	Yes	452153	0.24
230-61060725	549	**25**	25	Yes	701961	0.174
230-61060925	549	**25**	25	Yes	452160	0.18
230-61061225	549	**25**	25	Yes	207289	0.196
230-61061525	549	**25**	25	Yes	452177	0.264
230-61160725	549	**25**	25	Yes	701978	0.172
230-61160925	549	**25**	25	Yes	701985	0.184
230-61161125	549	**25**	25	Yes	701992	0.1924
230-61161525	549	**25**	25	Yes	452184	0.274
230-8006125	550	**25**	25	Yes	452191	0.132
230-8016125	550	**25**	25	Yes	702005	0.118
230-8206125	550	**25**	25	Yes	452207	0.106
230-8216125	550	**25**	25	Yes	452214	0.129
230-8406101	550	**25**	25	Yes	448668	0.128
230-8506101	550	**25**	25	Yes	448651	0.1917
230-8516101	550	**25**	25	Yes	702012	0.16
230-860625	550	**25**	25	Yes	702029	0.172
230-861625	550	**25**	25	Yes	702036	0.17
230-8706125	550	**25**	25	Yes	448644	0.176
230-8716125	550	**25**	25	Yes	702043	0.178
230-8806125	550	**25**	25	Yes	702050	0.178
230-8816125	550	**25**	25	Yes	702067	0.18
230-9006101	550	**25**	25	Yes	448637	0.386
230-9506101	550	**25**	25	Yes	448620	0.086
230-9506GT	451	**25**	25	No	714862	0.096
230-9506GT	550	**25**	25	No	714862	0.096
230-9506SGT	550	**25**	25	No	715487	0.132
230-9516101	550	**25**	25	Yes	702074	0.088
231-1506101	551	**25**	25	Yes	448613	0.252
231-4006101	551	**15**	15	Yes	448606	0.1533
231-4505101	551	**15**	15	Yes	448590	0.1033
231-4506101	551	**15**	15	Yes	448583	0.1433
231-4606101	551	**25**	25	Yes	448576	0.142
234-QP	452	**25**	100	No	300003	0.035
234-QP	552	**25**	100	No	300003	0.035
234-QP2	452	**25**	100	No	321572	0.0175
234-QP2	552	**25**	100	No	321572	0.0175

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
239	602	**50**	50	No	518996	0.08
239PK2	602	**10**	10	Yes	302007	0.1254
240-0151C04	555	1	25	Yes	452245	0.652
240-015212C04	555	1	25	Yes	452252	1.04
240-0152C04	555	1	25	Yes	452276	1.754
240-015312C04	555	1	25	Yes	452283	1.266
240-01531C04	555	1	25	Yes	706546	1.15
240-01539C04	555	1	25	Yes	706553	1.076
240-0153C04	555	1	25	Yes	452306	1.038
240-0161C04	555	1	25	Yes	452313	0.944
240-0161R104	556	1	25	Yes	448545	0.83
240-016215C04	555	1	25	Yes	207302	-
240-01621C04	555	1	25	Yes	462091	1.17
240-0162C04	555	1	25	Yes	452320	1.046
240-0162R104	556	1	25	Yes	452337	0.986
240-0163121C04	555	1	25	Yes	452344	1.608
240-016312C04	555	1	25	Yes	452351	1.51
240-01631C04	555	1	25	Yes	452368	1.312
240-01639C04	555	1	25	Yes	706560	1.14
240-0163C04	555	1	25	Yes	452382	1.286
240-0163R104	556	1	25	Yes	452399	1.24
240-01831C04	555	1	25	Yes	452412	1.234
240-0252C04	556	1	25	Yes	452436	0.89
240-025315C04	556	1	25	Yes	207319	1.496
240-02531C04	556	1	25	Yes	452443	1.092
240-0253C04	556	1	25	Yes	452450	1.098
240-0262C04	556	1	25	Yes	452474	1.026
240-026312C04	556	1	25	Yes	502957	1.648
240-02631C04	556	1	25	Yes	452481	1.302
240-0263C04	556	1	25	Yes	452498	1.294
240-03531C04	556	1	25	Yes	706577	-
240-0353C04	556	1	25	Yes	452504	1.13
240-03631C04	556	1	25	Yes	706584	1.062
240-0363C04	556	1	25	Yes	452511	1.402
240-0452C04	555	1	25	Yes	462107	1.112
240-0453C04	555	1	25	Yes	452528	1.086
240-0454C04	555	1	25	Yes	452542	1.494
240-04571C04	555	1	25	Yes	452535	1.498
240-0462C04	555	1	25	Yes	452559	1.062
240-04631C04	555	1	25	Yes	452566	1.36
240-0463C04	555	1	25	Yes	452573	1.288
240-0464C04	555	1	25	Yes	452597	1.856
240-0467C04	555	1	25	Yes	452580	1.896
240-0487C04	555	1	25	Yes	452603	1.752
240-0553C04	556	1	25	Yes	207371	1.062
240-05541C04	556	1	25	Yes	452610	1.512
240-0563C04	556	1	25	Yes	207388	1.258
240-0564C04	556	1	25	Yes	452634	1.844
240-05B531C04	556	1	25	Yes	706591	-
240-05B631C04	556	1	25	Yes	706607	-
240-06631C04	555	1	25	Yes	452641	1.3
240-08648R104	557	1	5	Yes	452658	1.85
240-08688R104	557	1	5	Yes	452665	0.35
240-08948R104	557	1	5	Yes	452696	3.4
240-09648R104	557	1	5	Yes	452733	1.79
240-09848C04	557	1	5	Yes	452757	1.62
240-09947R104	557	1	5	Yes	452764	2.1
240-09988R104	557	1	5	Yes	452771	3.48
240-1052C04	557	1	25	Yes	452702	0.758
240-1062C04	557	1	25	Yes	452719	0.9
240-1151C04	557	1	12	Yes	452795	1.1375
240-1152C04	557	1	12	Yes	452801	1.45
240-1153C04	557	1	12	Yes	452818	1.8375
240-1161C04	557	1	12	Yes	452825	1.5042
240-1162C04	557	1	12	Yes	452832	1.9167
240-1163C04	557	1	12	Yes	452849	2.125
240-12531C04	558	1	12	Yes	452856	1.8625
240-12631C04	558	1	12	Yes	452863	2.2292
240-1352C04	558	1	12	Yes	706614	1.7792
240-13531C04	558	1	12	Yes	452870	1.95
240-1353C04	558	1	12	Yes	706621	1.9917
240-1362C04	558	1	12	Yes	706638	-
240-13631C04	558	1	12	Yes	452887	2.2958
240-1453C04	558	1	12	Yes	452894	1.875
240-1463C04	558	1	12	Yes	452900	2.3
240-1563C04	558	1	25	Yes	502889	0.65
240-1861C04	558	1	12	Yes	448491	1.9125
240-20825C04	557	1	25	Yes	453020	1.72
240-20835C04	557	1	25	Yes	453037	1.888
240-2163C04	558	1	25	Yes	453044	0.584
240-276116C04	559	1	25	Yes	453082	1.704
240-276121C04	559	1	25	Yes	453099	2.092
240-276216C04	559	1	25	Yes	453105	1.934
240-276221C04	559	1	25	Yes	207500	2.216
240-276316C04	559	1	25	Yes	453112	2.024
240-276321C04	559	1	25	Yes	207517	2.434
240-286116C04	559	1	25	Yes	453129	1.684
240-286216C04	559	1	25	Yes	453136	1.806
240-2863161C04	559	1	25	Yes	453143	1.754
240-306116C04	559	1	25	Yes	453150	1.672
240-306121C04	559	1	25	Yes	453167	1.984
240-3062161C04	559	1	25	Yes	207524	2.258
240-306216C04	559	1	25	Yes	453174	1.746
240-3063161C04	559	1	25	Yes	453181	2.114
240-316116C04	559	1	25	Yes	453198	1.336
240-316216C04	559	1	25	Yes	453204	1.53
240-316316C04	559	1	25	Yes	706645	2.14
240-336213C04	559	1	25	Yes	453211	2.014
240-336313C04	559	1	25	Yes	706652	2.114
240-405104C50	559	1	50	Yes	453228	0.143

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
240-405106C50	559	1	50	Yes	453235	0.182	**240-475108C25**	561	1	25	Yes	207562	0.252
240-405108C25	559	1	25	Yes	453242	0.196	**240-475112C25**	561	1	25	Yes	453693	0.272
240-405112C25	559	1	25	Yes	453259	0.358	**240-476106C01**	561	1	25	Yes	207579	0.236
240-406104C50	560	1	50	Yes	453266	0.134	**240-476108C25**	561	1	25	Yes	453709	0.266
240-406106C50	560	1	50	Yes	453273	0.198	**240-476112C25**	561	1	25	Yes	453716	0.296
240-406106R150	560	1	50	Yes	453280	0.199	**240-476212C25**	561	1	25	Yes	502742	0.542
240-406108C25	560	1	25	Yes	453297	0.262	**240-606107C01**	564	1	25	Yes	448385	0.342
240-406112C25	560	1	25	Yes	453310	0.401	**240-606108R124**	564	1	24	Yes	453747	0.3958
240-406112R125	560	1	25	Yes	453327	0.4275	**240-606111C24**	564	1	24	Yes	453754	0.525
240-406124R125	560	1	25	Yes	453334	0.926	**240-606111R124**	564	1	24	Yes	453761	0.5271
240-406204C50	560	1	50	Yes	453341	0.164	**240-606115C24**	564	1	24	Yes	453778	0.6125
240-406206C50	560	1	50	Yes	453358	0.248	**240-606118R124**	564	1	24	Yes	453785	0.725
240-406208C25	560	1	25	Yes	453365	0.388	**240-606124R124**	564	1	24	Yes	453792	0.9208
240-406212C25	560	1	25	Yes	453372	0.476	**240-606136R124**	564	1	24	Yes	453730	1.3083
240-406212R125	560	1	25	Yes	453389	0.456	**240-606211C24**	564	1	24	Yes	453815	0.6188
240-406306C50	560	1	50	Yes	453396	0.297	**240-606215C24**	564	1	24	Yes	706713	0.8708
240-406308C25	560	1	25	Yes	453402	0.438	**240-606224R124**	564	1	24	Yes	207609	1.2583
240-406308R125	560	1	25	Yes	453419	0.436	**240-6063111C24**	564	1	24	Yes	453839	0.8438
240-406312C25	560	1	25	Yes	453426	0.644	**240-6063112R124**	564	1	24	Yes	453846	0.8312
240-416116C25	560	1	25	Yes	453457	0.53	**240-6063181R124**	564	1	24	Yes	453853	1.1354
240-416216C25	560	1	25	Yes	453464	0.636	**240-6063241C24**	564	1	24	Yes	453860	1.4396
240-416316C25	560	1	25	Yes	706669	0.95	**240-6063241R124**	564	1	24	Yes	453877	1.4583
240-455106C32	560	1	32	Yes	453471	0.2109	**240-616107C01**	564	1	24	Yes	453884	0.2646
240-455108C16	560	1	16	Yes	453488	0.2562	**240-616111C24**	564	1	24	Yes	706720	0.4812
240-455112C16	560	1	16	Yes	453495	0.3667	**240-616111R124**	564	1	24	Yes	453891	0.4958
240-455112R116	560	1	16	Yes	453501	0.4656	**240-616115C24**	564	1	24	Yes	453907	0.5042
240-455206C32	560	1	32	Yes	453518	0.2781	**240-616115R124**	564	1	24	Yes	453914	0.5271
240-455208C16	560	1	16	Yes	453525	0.3625	**240-616124C24**	564	1	24	Yes	453921	0.9417
240-455212C16	560	1	16	Yes	453532	0.5219	**240-616124R124**	564	1	24	Yes	453938	0.7875
240-455306C32	560	1	32	Yes	453549	0.3344	**240-616215C24**	564	1	24	Yes	453945	0.6396
240-455308C16	560	1	16	Yes	453556	0.4719	**240-616311R124**	564	1	24	Yes	453952	0.6812
240-455312C16	560	1	16	Yes	453563	0.6344	**240-626124R120**	564	1	20	Yes	453976	1.0275
240-456106C32	560	1	32	Yes	453570	0.2656	**240-636312R124**	564	1	24	Yes	448378	1.2542
240-456108C16	560	1	16	Yes	453587	0.3594	**240-636316R116**	564	1	16	Yes	453983	1.8031
240-4561106C32	560	1	32	Yes	706676	-	**240-703212C25**	565	1	25	Yes	453990	0.506
240-4561112C16	560	1	16	Yes	706683	0.5875	**240-705206C50**	565	1	50	Yes	454003	0.221
240-456112C16	560	1	16	Yes	453594	0.475	**240-705208C25**	565	1	25	Yes	454010	0.32
240-456112R106	560	1	16	Yes	448392	0.4906	**240-705212C25**	565	1	25	Yes	454027	0.462
240-456206C16	560	1	16	Yes	706690	-	**240-705212R125**	565	1	25	Yes	454034	0.446
240-456208C16	560	1	16	Yes	453600	0.4219	**240-705312C25**	565	1	25	Yes	454041	0.514
240-456212C16	560	1	16	Yes	453617	0.5656	**240-705312R125**	565	1	25	Yes	454058	0.5
240-456306C32	560	1	32	Yes	453624	0.4297	**240-705318C25**	565	1	25	Yes	706744	-
240-456308C16	560	1	16	Yes	453631	0.5125	**240-706206C06**	565	1	50	Yes	448347	0.254
240-4563121C16	560	1	16	Yes	453648	0.7469	**240-706208C25**	565	1	25	Yes	454065	0.31
240-4563121R116	560	1	16	Yes	453655	0.7281	**240-706212C25**	565	1	25	Yes	454072	0.488
240-456312C16	560	1	16	Yes	453662	0.7531	**240-706212R125**	565	1	25	Yes	454089	0.462
240-465115C16	561	1	16	Yes	453679	0.6906	**240-706218R125**	565	1	25	Yes	454096	0.682
240-466116C16	561	1	16	Yes	453686	0.7188	**240-706224R125**	565	1	25	Yes	454102	1.076
240-466216C16	561	1	16	Yes	706706	0.7188	**240-706312C25**	565	1	25	Yes	454119	0.626
240-475106C50	561	1	50	Yes	462114	0.135	**240-706312R125**	565	1	25	Yes	454126	0.62

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
240-706318R125	565	1	25	Yes	454133	0.924	**245-96440C01**	573	1	10	Yes	448019	0.16
240-718108C25	565	1	25	Yes	454140	0.342	**245-96490C04**	573	1	10	Yes	448002	0.111
240-8051C25	566	1	25	Yes	454157	0.218	**245-96520C01**	573	1	10	Yes	447999	0.186
240-8061C25	566	1	25	Yes	454164	0.248	**245-96540C01**	573	1	10	Yes	454515	0.086
240-825106C01	566	1	24	Yes	454171	0.2958	**245-99649C04**	573	1	10	Yes	462121	0.08
240-825108C01	566	1	12	Yes	454188	0.3708	**249**	602	**25**	50	Yes	501202	0.274
240-825112C01	566	1	12	Yes	454195	0.4292	**249-20135**	602	**50**	50	Yes	501219	0.26
240-8251C25	566	1	25	Yes	454218	0.272	**250-11**	437	**1**	4	Yes	501769	0.6041
240-8261C25	566	1	25	Yes	454249	0.274	**250-11A**	438	1	6	Yes	105110	0.2667
240-8451C25	566	1	25	Yes	454263	0.236	**250-11AC**	438	**1**	8	Yes	501776	1.1475
240-8461C25	566	1	25	Yes	454270	0.296	**250-11P**	437	6	6	Yes	105127	0.325
240-8561R112	566	1	12	Yes	454287	0.7625	**250-11PC**	437	**1**	8	Yes	501813	1.3131
240-8564C01	566	1	12	Yes	448323	0.7042	**250-11TB**	438	1	6	Yes	100658	0.5033
240-8664C12	566	1	12	Yes	454294	0.7375	**250-11TW**	437	1	6	Yes	100641	0.5533
240-8764C06	566	1	12	Yes	448316	0.8292	**250-12**	437	**1**	4	Yes	501332	0.6425
240-8864C12	566	1	12	Yes	454300	0.7917	**250-122AB**	438	**50**	50	Yes	501981	0.2614
240-9051C50	566	1	50	Yes	454317	0.397	**250-122AC**	438	**1**	8	Yes	501950	1.495
240-9051R150	566	1	50	Yes	454324	0.433	**250-122P**	437	6	6	Yes	327192	0.3667
240-9052C50	566	1	50	Yes	454331	0.537	**250-122PB**	437	**50**	50	Yes	502025	0.3044
240-9061C25	566	1	50	Yes	454348	0.517	**250-122PC**	437	**8**	8	Yes	502001	1.7625
240-9061R150	566	1	50	Yes	454355	0.538	**250-12A**	438	1	6	Yes	105141	0.3083
240-9062C50	566	1	50	Yes	454362	0.608	**250-12AC**	438	1	8	Yes	501752	1.3812
240-90631C50	566	1	50	Yes	454379	0.811	**250-12P**	437	1	6	Yes	105134	0.3667
240-90631R150	566	1	50	Yes	454386	0.815	**250-12PC**	437	**1**	8	Yes	501844	1.5438
240-996208R116	568	1	50	Yes	454423	0.288	**250-696122A**	203	6	6	Yes	502032	0.8817
242-10	601	**10**	10	Yes	501141	0.5589	**250-696122A**	438	6	6	Yes	502032	0.8817
242-20	601	**25**	100	Yes	501158	0.0709	**250-696122P**	203	6	6	Yes	502049	0.8283
242-20102	601	**10**	10	Yes	501165	0.6129	**250-696122P**	437	6	6	Yes	502049	0.8283
242-20116	601	**25**	25	Yes	501189	0.0787	**250-696R122A**	203	1	6	Yes	410948	1.0333
242-25	601	**10**	10	Yes	501196	0.145	**250-696R122A**	438	1	6	Yes	410948	1.0333
245-12530C04	573	1	24	Yes	454447	0.588	**250-696R122P**	203	1	6	Yes	410931	0.9833
245-12832C04	572	1	5	Yes	448309	1.2	**250-696R122P**	437	1	6	Yes	410931	0.9833
245-12930C04	572	1	24	Yes	448293	0.584	**270-525**	567	**25**	100	No	454522	0.325
245-13640C04	572	1	50	Yes	454454	0.382	**270-6**	567	**25**	25	No	501325	0.38
245-16440C04	571	**24**	24	Yes	448279	0.737	**272-5625**	567	**25**	100	No	454539	0.4115
245-16450C04	571	1	24	Yes	448231	0.85	**272-6**	567	**25**	25	No	501349	0.384
245-16452C04	571	1	24	Yes	448224	0.995	**274-5**	568	**10**	100	No	501356	0.0635
245-16460C04	572	1	24	Yes	448200	0.852	**274-6**	568	**10**	100	No	501363	0.0698
245-16462C04	572	1	24	Yes	448194	0.8062	**274-7**	568	**10**	100	No	501370	0.062
245-16470C04	571	1	24	Yes	448170	0.827	**279-3F3Q18**	127	**5**	40	Yes	502490	0.82
245-16520C04	571	1	24	Yes	448149	1.0833	**279-3F3Q18FP**	127	**5**	40	Yes	204578	1.28
245-16522C04	571	1	24	Yes	448132	1.06	**279-4F3Q18**	127	**5**	40	Yes	502445	0.8825
245-16530C04	572	1	24	Yes	448125	0.9229	**279-4F4Q18**	127	**5**	40	Yes	502452	0.1512
245-16540C04	571	1	24	Yes	448118	0.813	**279-GWHQKIT**	127	**5**	5	Yes	204592	2.605
245-16550C04	572	1	50	Yes	448095	0.846	**280-A266537**	41	**10**	2500	No	567062	0.005
245-16560C04	572	1	50	Yes	448088	0.854	**280-A266537**	125	**10**	2500	No	567062	0.005
245-16950B204	573	1	5	Yes	454478	1.21	**280-A266607**	41	**50**	1000	No	567079	0.0017
245-52100C04	573	1	10	Yes	448064	0.471	**280-A266607**	125	**50**	1000	No	567079	0.0017
245-56400C01	573	1	10	Yes	448057	0.43	**280-A266617**	41	**50**	1000	No	567086	0.0022
245-96401C01	573	1	10	Yes	448026	0.14	**280-A266617**	125	**50**	1000	No	567086	0.0022

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
280-A266627	41	**25**	25	No	567093	0.0736
280-A266627	125	**25**	25	No	567093	0.0736
281-072	593	**12**	12	Yes	556615	0.4745
283-S04112C00	593	**25**	100	No	454553	0.1075
283-S04112R100	593	**25**	100	No	454560	0.1065
283-S04116C00	593	**25**	100	No	462145	0.1515
283-S04120C00	593	**25**	100	No	454577	0.0335
283-S04120R100	593	**25**	100	No	454584	0.1905
283-S04130C50	593	**25**	100	No	454591	0.304
283-S04130R150	593	**25**	100	No	454607	0.28
283-S04136C50	593	**25**	100	No	454614	0.296
283-S04136R100	593	**25**	100	No	454621	0.298
283-S05120R150	593	**50**	50	No	501523	0.1863
283-S06112C50	593	**25**	100	No	454638	0.1445
283-S06112R150	593	**25**	100	No	454645	0.144
283-S06120C50	593	**25**	100	No	454652	0.21
283-S06120R150	593	**25**	100	No	454669	0.2095
283-T24112C00	593	**25**	100	No	454676	0.1335
283-T24120C00	593	**25**	100	No	454683	0.1965
283-T25112C00	593	**25**	100	No	462152	0.108
283-T25116C00	593	**25**	100	No	102614	0.1435
283-T25120C00	593	**25**	100	No	454690	0.2015
285-100	593	**100**	10000	No	501448	0.0007
285-100	593	**100**	10000	No	501448	0.0007
285-S0412000	593	**100**	100	No	207654	0.055
285-S0413000	593	**100**	100	No	454713	0.0775
285-S0413600	593	**100**	100	No	454720	0.086
285-T2411200	593	**100**	100	No	207661	0.033
285-T2412000	593	**100**	100	No	207678	0.0535
289-IMK04	594	**5**	5	Yes	206510	0.55
290-20180	552	**5**	25	No	501530	0.035
290-20180	602	**5**	25	No	501530	0.035
290-20185	602	**12**	12	Yes	501554	0.1182
290-20200	575	**10**	10	Yes	501561	0.0209
290-20320	601	**100**	1000	No	501646	0.0053
290-20320PK2	601	**12**	12	Yes	566157	0.0531
290-20322	601	**100**	1000	No	501653	0.002
290-20322PK2	601	**12**	12	Yes	566164	0.0334
290-20324	601	**100**	1000	No	501660	0.004
290-20324PK2	601	**12**	12	Yes	566171	0.0414
290-20480	594	**50**	500	No	501714	0.0165
290-20514C04	574	**25**	25	Yes	502995	0.726
290-20515C04	574	1	25	Yes	454751	1.458
290-20553C04	574	1	50	Yes	447852	1
290-20630C04	574	1	50	Yes	454768	0.315
290-206322C04	574	1	50	Yes	454775	0.409
290-20632C04	574	1	50	Yes	454782	0.44
290-20635C04	574	1	50	Yes	454799	0.2
290-21100	600	**48**	48	Yes	501974	0.0542
290-21104	600	**48**	48	Yes	501998	0.0435
290-21110	600	**5**	250	Yes	502018	0.0844
290-363020C01	574	1	25	Yes	447814	0.186
290-363520C01	574	1	25	Yes	447807	0.196
290-3650501	574	1	50	Yes	454805	0.176
290-630223C04	574	1	50	Yes	447784	0.37
290-634223C04	574	**1**	25	Yes	447777	1.058
291-30380	600	**10**	10	Yes	502650	0.4
291-30500	594	**12**	240	No	502834	0.0052
291-30500	695	**12**	240	No	502834	0.0052
300-12	721	**12**	12	No	500120	0.4583
300-20	721	**4**	4	No	500205	1.08
300-20B	721	6	6	No	504173	1.1031
301-061	721	**5**	100	No	500373	0.0396
301-062	721	**10**	10	No	500267	0.376
301-065	721	**20**	20	No	500366	0.17
304-06	722	**24**	24	Yes	520432	0.0771
304-061B	722	**10**	250	Yes	736130	0.0075
304-08	42	**12**	72	Yes	510150	0.276
304-08	721	**12**	72	Yes	510150	0.276
304-1	42	1	50	Yes	500571	0.068
304-1	721	1	50	Yes	500571	0.068
304-11	42	**12**	12	Yes	567161	0.6208
304-11	721	**12**	12	Yes	567161	0.6208
304-12	42	**12**	12	Yes	566119	0.3333
304-12	721	**12**	12	Yes	566119	0.3333
304-12B	42	**12**	12	Yes	566102	2.4279
304-12B	721	**12**	12	Yes	566102	2.4279
304-20	721	1	24	Yes	566461	0.2333
304-30	721	1	10	Yes	556219	0.8366
304-32	721	1	20	Yes	556226	0.0222
305-521PK	722	1	5	Yes	566737	8.9
305-521PKB	722	1	10	No	566812	0.39
305-649	718	1	10	Yes	737816	1.651
305-7023	40	1	10	Yes	711809	3.445
305-7023	717	1	10	Yes	711809	3.445
305-7040	40	1	10	Yes	711854	3.34
305-7040	717	1	10	Yes	711854	3.34
305-7050	40	1	10	Yes	711793	5.12
305-7050	717	1	10	Yes	711793	5.12
305-7095	40	1	5	Yes	711816	6.11
305-7095	717	1	5	Yes	711816	6.11
305-7110	40	1	8	Yes	711823	3.5938
305-7110	717	1	8	Yes	711823	3.5938
305-7120	40	1	8	Yes	711830	3.6188
305-7120	717	1	8	Yes	711830	3.6188
305-7123	40	1	8	Yes	711847	3.8
305-7123	717	1	8	Yes	711847	3.8
305-7130	40	1	8	Yes	711861	3.7375
305-7130	717	1	8	Yes	711861	3.7375
305-7141	717	1	5	Yes	737823	5.738

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
305-802R	717	1	20	No	738066	2.3
305-803R	717	1	20	No	738073	3.2975
305-804	42	1	10	Yes	714961	2.8
305-804	717	1	10	Yes	714961	2.8
305-804R	717	1	10	No	738080	5.59
305-85TX	42	1	12	Yes	501738	0.1808
305-85TX	717	1	12	Yes	501738	0.1808
305-92TX	42	1	10	Yes	501905	2.63
305-92TX	717	1	10	Yes	501905	2.63
305-995	40	1	200	Yes	711878	0.25
305-995	717	1	200	Yes	711878	0.25
305-999	42	1	40	Yes	711885	0.9212
305-999	717	1	40	Yes	711885	0.9212
305-A139092	42	1	10	Yes	566874	2.5287
305-A139092	721	1	10	Yes	566874	2.5287
305-A139092B	42	1	25	Yes	566089	0.393
305-A139092B	721	1	25	Yes	566089	0.393
305Q2	125	24	24	Yes	400468	0.0179
305Q2	725	24	24	Yes	400468	0.0179
305Q23PK1	125	**12**	12	Yes	411648	0.0333
305Q23PK1	725	**12**	12	Yes	411648	0.0333
305Q3	125	24	24	Yes	400482	0.0292
305Q3	725	24	24	Yes	400482	0.0292
305Q4	125	12	12	Yes	400499	0.0421
305Q4	725	12	12	Yes	400499	0.0421
305Q4PK1	125	**5**	400	Yes	400499	0.0295
305Q4PK1	725	**5**	400	Yes	400499	0.0295
305-RT	210	1	10	Yes	102829	0.285
305-RT	725	1	10	Yes	102829	0.285
305-W23KIT	69	1	5	Yes	204790	4.628
305-W23KIT	718	1	5	Yes	204790	4.628
305-W2H	69	1	20	Yes	204806	0.455
305-W2H	718	1	20	Yes	204806	0.455
305-W2PTEH	718	**10**	60	Yes	741608	0.441
305-W3H	69	1	20	Yes	204813	0.526
305-W3H	718	1	20	Yes	204813	0.526
305-W3PTEH	718	**10**	60	Yes	741592	0.661
305-W4H	69	1	20	Yes	204820	0.712
305-W4H	718	1	20	Yes	204820	0.712
305-W4PTEH	718	**10**	60	Yes	741585	0.882
305-WT	69	1	10	Yes	204837	2.072
305-WT	718	1	10	Yes	204837	2.072
305-X665	16	**1**	1	Yes	447579	33.6
305-X665	718	**1**	1	Yes	447579	33.6
306-10	723	**10**	50	Yes	504340	0.949
307-616	616	1	10	Yes	400321	0.3955
307-616	725	1	10	Yes	400321	0.3955
307-625	616	**6**	6	Yes	400130	0.9083
307-625	723	**6**	6	Yes	400130	0.9083
307-687	210	1	6	Yes	723376	0.2083
308-2	726	1	12	Yes	556257	2.5488
310-12	726	**10**	10	Yes	566126	0.33
311-10	724	**5**	5	Yes	504388	1.97
312-2	727	**12**	12	Yes	504395	1.1375
313-20	723	**12**	12	Yes	566379	0.5667
314-10	725	**12**	12	Yes	504418	0.3362
314-12	725	**12**	12	Yes	566324	0.3556
316-1	723	**12**	12	Yes	566409	0.2168
316-2	723	**12**	12	Yes	566416	0.3469
318-4	726	**5**	5	Yes	566430	0.6511
318-9	723	**10**	10	Yes	566447	0.3638
319-15	727	**50**	50	No	504463	0.3
319-20	727	**50**	50	No	504470	0.34
319-31	727	**50**	50	No	504487	0.3168
330-260	735	**24**	24	Yes	504494	1.55
332-260	735	**24**	24	Yes	504500	2.0563
335-260	735	**100**	500	Yes	504517	0.024
335-263	735	**70**	350	Yes	504524	0.0384
335-520	735	**100**	500	Yes	509253	0.028
335-523	735	**70**	350	Yes	504548	0.0428
355-05PK2	457	1	10	Yes	504555	0.5298
355-100PK1	457	**1**	10	Yes	722300	0.515
355-15PK1	457	1	10	Yes	518019	0.7865
355-30PK1	457	1	10	Yes	518033	0.7513
355-60PK1	457	1	10	Yes	518064	0.7913
356-100PK1	457	1	10	Yes	518606	0.3221
356-300PK1	457	1	10	Yes	377357	0.3417
356-30PK1	457	1	10	Yes	504579	0.3223
356-60PK1	457	1	10	Yes	504586	0.3587
360-15PK1	457	1	10	Yes	518514	0.3633
360-300PK1	457	1	10	No	520302	0.455
390-50105	722	**25**	25	Yes	500243	0.0517
390-50110	726	**25**	25	Yes	504609	0.0848
390-50115	726	**24**	24	Yes	504616	0.0938
390-50128	725	**12**	12	Yes	504678	0.3194
390-50130	724	1	25	Yes	504685	1.1512
390-50132	724	**12**	12	Yes	504692	0.2742
390-50133	724	**12**	12	Yes	504708	0.4203
390-50134	724	**12**	12	Yes	507341	0.3583
390-50138	726	**12**	12	Yes	504739	0.0725
390-50153	722	**10**	100	Yes	500687	0.1733
390-50154	722	**10**	100	Yes	500694	0.0615
390-50160	727	1	25	Yes	501608	0.386
390-50163	722	**10**	100	Yes	500656	0.2977
390-50164	722	**10**	100	Yes	500663	0.026
390-50185	724	**10**	10	Yes	504951	0.33
390-50197	723	1	20	Yes	504999	1.8151
390-50198	724	5	20	Yes	505002	0.46
390-50200	728	**10**	50	No	505026	0.1101
402-10	608	**24**	24	No	566638	0.4877

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
402-410	608	**24**	24	Yes	519344	0.6074
402-427	608	**24**	24	Yes	519405	0.5479
402-440	608	**24**	24	Yes	508935	0.6621
410-PB	607	**50**	50	Yes	519009	0.094
411-PB	607	**50**	50	Yes	519061	0.121
412-PB	607	**50**	50	Yes	519016	0.103
414-PB	607	**50**	50	Yes	519023	0.1445
415-PB	607	**50**	50	Yes	505118	0.1425
416-PB	607	**50**	50	Yes	519030	0.1245
417	607	**100**	1000	No	505149	0.0094
418	607	**100**	1000	Yes	505156	0.0125
419	607	**100**	5000	No	505163	0.0061
425	607	**100**	100	No	304100	0.0199
425-PB	607	**50**	50	Yes	505262	0.042
427	607	**100**	100	No	505316	0.025
427-PB	607	**50**	50	Yes	510136	0.0505
440-2W	607	**25**	25	Yes	556608	0.1189
442-2B	607	**25**	25	Yes	506467	0.0094
442-2W	607	**25**	25	Yes	566584	0.0621
452-PB	609	**50**	50	Yes	304247	0.2289
460-10	608	**100**	1000	No	505354	0.0118
460-10J	608	**1**	1	Yes	519047	2.12
460-11300	608	**10**	10	No	315106	0.135
460-11310	608	**10**	10	No	315120	0.1349
460-20	608	**100**	1000	No	505408	0.0118
460-20J	608	**1**	1	Yes	519054	0.0145
490-10108	611	**25**	25	Yes	505484	0.126
490-10110	611	**25**	25	Yes	505507	0.1224
490-10112	611	**25**	25	Yes	505521	0.6314
490-10115	611	**25**	25	Yes	505538	0.1468
490-10117	611	**25**	25	Yes	202765	0.094
490-10120	611	**25**	25	Yes	505552	0.084
490-10122	611	**25**	25	Yes	505576	0.0205
490-10206	612	**25**	25	Yes	505637	0.1672
490-10211	612	1	50	Yes	505651	0.1298
490-10302	612	**25**	25	Yes	505668	0.0904
490-10312	612	**25**	25	Yes	505705	0.0904
490-10320	612	1	50	Yes	505743	0.0382
490-10325	610	**12**	12	Yes	505750	0.303
490-10340	612	**25**	25	Yes	505781	0.106
490-10341	612	**25**	25	Yes	505798	0.022
490-10451	612	**24**	24	Yes	505965	0.1812
490-10465	609	**12**	12	Yes	505989	0.4667
490-10500	609	1	50	Yes	506016	0.2806
490-10540	608	**10**	10	No	506047	0.3037
490-10541	608	**10**	10	No	506054	0.1857
490-10542	608	**10**	10	No	506061	0.2347
490-10543	608	**10**	10	No	506078	0.37
490-10545	608	**10**	10	No	506092	0.3215
490-10546	608	**10**	10	No	304469	0.4445
490-10547	608	**10**	10	No	506115	0.473
490-10548	608	**10**	10	No	506122	0.645
490-10555	609	**25**	25	Yes	506139	0.314
490-10560	609	**25**	25	Yes	506146	0.356
490-10565	609	**25**	25	Yes	506153	0.382
490-10570	609	**25**	25	Yes	506160	0.542
490-10572	609	**25**	25	Yes	506177	0.5624
490-10575	609	**25**	25	Yes	506184	0.3517
490-10585	609	**25**	25	Yes	506191	0.468
490-10656	609	**25**	25	Yes	506214	0.078
490-10661	609	**25**	25	Yes	506238	0.142
490-10666	609	**25**	25	Yes	506252	0.154
490-10673	609	**25**	25	Yes	506290	0.1
490-10676	609	**25**	25	Yes	506313	0.062
490-10700	611	**12**	12	Yes	506320	0.0792
490-1080M2KIT	609	**1**	5	Yes	457530	1.19
490-11100	610	**25**	25	Yes	506337	0.216
490-11120	610	**15**	15	Yes	506351	0.2833
490-11140	610	**12**	12	Yes	506375	0.1681
490-11150	609	**12**	12	Yes	506405	0.6612
490-11151	609	**12**	12	Yes	506412	0.3766
490-11157	610	**12**	12	Yes	506450	0.1481
490-11159	610	**12**	12	Yes	506474	0.3451
490-11240	607	**25**	500	Yes	506566	0.0378
490-11320	428	1	10	Yes	303462	0.185
490-11320	611	1	10	Yes	303462	0.185
490-11322	429	1	10	Yes	303486	0.76
490-11322	611	1	10	Yes	303486	0.76
501-0	473	**500**	500	No	265968	0.018
501-1	473	**500**	500	No	265920	0.0125
501-2	473	**500**	500	No	265937	0.0133
501-2PK	473	**100**	100	Yes	204233	0.009
501-2PK2	473	**10**	10	Yes	204226	0.15
501-2PK3	473	1	10	Yes	204240	0.779
501-3	473	**500**	500	No	265944	0.0152
501-3PK	473	**100**	100	Yes	204271	0.011
501-3PK2	473	10	10	Yes	204264	0.16
501-3PK3	473	1	10	Yes	204288	0.995
501-4	473	**100**	100	No	265951	0.0362
501-4PK	473	**100**	100	Yes	204301	0.0304
501-5	473	**100**	100	No	200082	0.0412
501-5PK	473	**100**	100	Yes	204318	0.0295
501-6	473	**100**	100	No	200099	0.0556
501-6PK	473	**100**	100	Yes	204325	0.036
501-7	473	**100**	100	No	200105	0.0444
502-1	473	**100**	100	No	204004	0.018
502-2	473	**100**	100	No	265524	0.0188
502-3	473	**100**	100	No	265548	0.0265
502-4	473	**100**	100	No	265555	0.044
502-5	473	**50**	50	No	265562	0.06

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
502-6	473	**50**	50	No	265579	0.0595	**513-36PK**	474	**25**	25	Yes	215178	0.1021
502-7	473	**50**	50	No	265517	0.096	**514-G02**	525	**100**	100	No	205032	0.0904
502-75	473	**25**	25	No	200174	0.1608	**514-G02Q**	525	50	50	No	205490	0.105
502-8	473	**25**	25	No	265531	0.1832	**514-G03**	525	**100**	100	No	205056	0.0992
502-8PK	473	**15**	15	Yes	204189	0.178	**514-G03Q**	525	50	50	No	205483	0.111
502-9	473	**25**	25	No	200198	0.24	**514-G04**	525	**100**	100	No	205070	0.0975
502-9PK	473	**10**	10	Yes	204196	0.24	**514-G04Q**	525	25	25	No	205476	0.126
505-24	503	**100**	100	No	200273	0.047	**514-G05**	525	**100**	100	No	205087	0.1102
505-29	503	**100**	100	No	265494	0.0307	**514-G05Q**	525	25	25	No	205469	0.138
505-34	503	**100**	100	No	200341	0.0488	**514-G06**	525	**100**	100	No	205094	0.116
505-39	503	**100**	100	No	265500	0.0278	**514-G06Q**	525	25	25	No	205513	0.156
505-44	503	**50**	50	No	266965	0.047	**514-G07**	525	**100**	100	No	205117	0.1325
505-49	503	**50**	50	No	200327	0.0339	**514-G07Q**	525	10	10	No	205452	0.165
505-5	503	**25**	100	No	201164	0.0419	**515-10GPK2**	526	**10**	10	Yes	261106	0.925
506-26	474	**50**	500	No	265692	0.0645	**515-2CPK2**	526	**10**	10	Yes	261229	0.1573
506-26C	474	**50**	500	No	205681	0.062	**515-2GPK2**	526	**10**	10	Yes	261021	0.1613
506-26CPK2	474	**5**	5	Yes	205667	0.324	**515-3CPK2**	526	**10**	10	Yes	261236	0.1593
506-26P	474	**50**	500	No	265746	0.0623	**515-3GPK2**	526	**10**	10	Yes	261038	0.1803
506-26PK2	474	**5**	5	Yes	205063	0.307	**515-4CPK2**	526	**10**	10	Yes	261243	0.1413
506-34	474	**50**	500	No	265708	0.044	**515-4GPK2**	526	**10**	10	Yes	261045	0.1983
506-34P	474	**50**	500	No	265753	0.046	**515-5CPK2**	526	**10**	10	Yes	261250	0.2341
506-36	474	**50**	500	No	265715	0.0608	**515-5GPK2**	526	**10**	10	Yes	261052	0.2891
506-36C	474	**50**	500	No	265791	0.064	**515-6CPK2**	526	**10**	10	Yes	261267	0.2924
506-36CPK2	474	**5**	5	Yes	205742	0.324	**515-6GPK2**	526	**10**	10	Yes	261069	0.2624
506-36P	474	**50**	500	No	265760	0.065	**515-7CPK2**	526	**10**	10	Yes	261274	0.4064
506-36PK2	474	**5**	5	Yes	205148	0.313	**515-7GPK2**	526	**10**	10	Yes	261076	0.33
506-38P	474	**50**	500	No	265777	0.0836	**515-8GPK2**	526	**10**	10	Yes	261083	0.8826
506-46	474	**50**	500	No	205247	0.0661	**515-9GPK2**	526	**10**	10	Yes	261090	0.6371
506-46C	474	**50**	500	No	265814	0.0662	**516-2CPK2**	526	**20**	20	Yes	263421	0.11
506-46CPK2	474	**5**	5	Yes	205827	0.336	**516-2GB**	526	100	100	No	201324	0.1
506-46P	474	**50**	500	No	265784	0.0658	**516-2GPK2**	526	**20**	20	Yes	263223	0.1225
506-56	474	**50**	500	No	200594	0.0576	**516-3CPK2**	526	**20**	20	Yes	263438	0.1244
508-2B	475	**25**	25	No	201126	0.073	**516-3GPK2**	526	**20**	20	Yes	263230	0.135
508-2PK	475	**25**	25	Yes	203519	0.0791	**516-4CB**	526	100	100	No	201195	0.087
508-3B	475	**25**	25	No	201133	0.076	**516-4CPK2**	526	**10**	10	Yes	263445	0.1703
508-3PK	475	**25**	25	Yes	203557	0.0671	**516-4GPK2**	526	**10**	10	Yes	263247	0.185
508-4B	475	**25**	25	No	201157	0.0842	**516-5CB**	526	100	100	No	201256	0.101
508-4PK	475	**25**	25	Yes	203588	0.082	**516-5CPK2**	526	**10**	10	Yes	263452	0.175
510-6PK	486	**20**	20	Yes	260666	0.2452	**516-5GPK2**	526	**10**	10	Yes	263254	0.215
510-6VPK	486	**10**	10	Yes	260864	0.3044	**516-6CB**	526	100	100	No	201294	0.114
510-7PK	486	**20**	20	Yes	260673	0.2933	**516-6CPK2**	526	**10**	10	Yes	263469	0.19
510-7VPK	486	**10**	10	Yes	260871	0.3165	**516-6GPK2**	526	**10**	10	Yes	263261	0.27
510-8PK	486	**20**	20	Yes	260697	0.3982	**516-7CB**	526	100	100	No	201416	0.15
510-8VPK	486	**10**	10	Yes	260895	0.3917	**516-7CPK2**	526	**10**	10	Yes	263476	0.23
510-9PK	486	**20**	20	Yes	260703	0.4362	**516-7GPK2**	526	**10**	10	Yes	263278	0.275
510-9VPK	486	**10**	10	Yes	260901	0.4838	**517-C02**	527	**100**	100	Yes	203564	0.0878
512-26PK	474	**50**	50	Yes	215666	0.079	**517-C03**	527	**100**	100	Yes	203595	0.1005
512-36PK	474	**50**	50	Yes	215741	0.082	**517-C04**	527	**100**	100	Yes	203601	0.1356
512-46PK	474	**50**	50	Yes	215826	0.086	**517-C05**	527	**50**	50	Yes	203618	0.1597
513-26PK	474	**25**	25	Yes	215093	0.0638	**517-C06**	527	**50**	50	Yes	203625	0.168

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
517-C07	527	**50**	50	Yes	203687	0.3177
517-C08	527	**50**	50	Yes	203694	0.3398
517-C09	527	**50**	50	Yes	203724	0.3841
517-C10	527	**25**	25	Yes	203748	0.582
517-G02	527	**100**	100	Yes	203762	0.1046
517-G03	527	**100**	100	Yes	203779	0.1145
517-G04	527	**100**	100	Yes	203786	0.1548
517-G05	527	**100**	100	Yes	203830	0.0829
517-G06	527	**50**	50	Yes	203847	0.2936
517-G07	527	**50**	50	Yes	203861	0.3506
517-G08	527	**50**	50	Yes	203878	0.3891
517-G09	527	**25**	25	Yes	203885	0.4334
517-G10	527	**25**	25	Yes	203908	0.6332
517-I062PK2	527	**25**	25	Yes	204363	0.154
517-I087PK2	527	**25**	25	Yes	204370	0.194
517-I112PK2	527	**20**	20	Yes	204394	0.23
517-I137PK2	527	**20**	20	Yes	204493	0.3263
517-I162PK2	527	**20**	20	Yes	204509	0.3571
517-I212PK2	527	**10**	10	Yes	204516	0.5247
520-09	208	**250**	250	No	101167	0.0882
520-19	512	**50**	50	No	206640	0.216
520-19C	512	**50**	50	No	206657	0.216
520-19CPK	512	**25**	25	Yes	209061	0.2239
520-19T	512	50	50	No	206664	0.204
520-19TC	512	50	50	No	206671	0.195
520-419	512	50	50	No	206701	0.203
520-419T	512	50	50	No	206725	0.1792
520-616	512	**50**	50	No	200853	0.4
520-626	512	**50**	50	No	201317	0.52
520-626PK	512	**10**	10	Yes	201317	0.545
520-E16	513	**100**	100	No	266736	0.1257
520-E24	513	**100**	100	No	266712	0.2425
521-110	516	25	25	No	201201	0.7125
521-111	516	50	50	No	267795	0.3084
521-112	516	50	50	No	267801	0.354
521-113	516	50	50	No	267818	0.3572
521-118	501	**50**	50	No	206749	0.354
521-118R	501	25	25	No	206756	0.3736
521-126	501	50	50	No	206763	0.4134
521-210	485	**25**	25	Yes	206770	0.0738
521-210	485	**25**	25	Yes	206770	0.0738
521-318	502	**50**	50	No	206787	0.628
521-318	502	**50**	50	No	206787	0.628
521-360	502	**50**	50	No	206794	0.738
521-360	502	**50**	50	No	206794	0.738
521-3725B	502	**100**	100	No	266552	0.2566
521-3725B	502	**100**	100	No	266552	0.2566
521-3SBP2	502	**50**	50	No	744500	0.0715
521-557	502	**25**	25	No	265982	0.0556
521-557	525	**25**	25	No	265982	0.0556
521-558	502	**25**	25	No	206800	0.164
521-558	525	**25**	25	No	206800	0.164
521-559	502	**25**	25	No	266163	0.188
521-559	525	**25**	25	No	266163	0.188
521-6415	502	**25**	25	No	206817	0.36
521-6416	502	**25**	25	No	265852	0.3532
521-723	516	25	25	Yes	266156	0.3694
521-723BB	516	25	25	No	201447	0.2227
521-725	516	**5**	5	No	260888	0.806
521-728	516	**5**	5	No	260840	0.788
521-729	516	**5**	5	No	206947	0.78
521-730	516	**5**	5	No	207036	0.77
521-810	501	**50**	50	No	206831	0.388
521-810PK	501	**50**	50	Yes	220202	0.3972
521-820	501	50	50	No	206848	0.256
521-851	501	50	50	No	206855	0.5005
521-851PK	501	**25**	25	Yes	207029	0.514
521-852	501	50	50	No	206862	0.6314
522-100B	512	1	10	No	201331	0.2431
522-100BPK2	512	1	10	Yes	266187	0.0482
522-101	512	**100**	100	No	201355	0.0099
522-102	512	**500**	500	No	267603	0.0078
522-5500	512	**100**	100	No	201591	0.0317
522-5500	517	**100**	100	No	201591	0.0317
522-5501	512	**100**	100	No	206923	0.0372
522-5501	517	**100**	100	No	206923	0.0372
523-01	512	**50**	50	No	201614	0.0937
523-1	518	**50**	50	No	201232	0.0601
523-16	511	**50**	50	No	266460	0.325
523-1604	511	**50**	50	No	266446	0.3289
523-1610	511	50	50	No	266477	0.3285
523-1614	511	50	50	No	266361	0.3538
523-1614Q	511	**25**	25	No	709301	0.314
523-1620	511	**50**	50	No	266354	0.3586
523-1620PK1	511	**10**	10	Yes	266545	0.4428
523-1624	511	**50**	50	No	266385	0.3819
523-162401	511	1	1	No	266392	17.1
523-1624Q	511	25	25	No	202789	0.4034
523-1630	511	50	50	No	266439	0.3874
523-1634	511	50	50	No	266408	0.4119
523-1634Q	511	25	25	No	202796	0.376
523-1B	518	**5**	50	No	201638	0.1637
523-1C	518	**5**	50	No	200532	0.145
523-1D	518	**5**	50	No	200556	0.132
523-1K52000	511	**10**	10	No	201645	0.5562
523-24	511	**50**	50	No	201669	0.395
523-2404	511	**50**	50	No	201676	0.422
523-2414	511	50	50	No	201683	0.5637
523-2420	511	**50**	50	No	201690	0.48
523-242001	511	1	1	No	201225	23.398

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
523-2424	511	**50**	50	No	201713	0.5002
523-2424Q	511	25	25	No	202819	0.6101
523-2434	511	50	50	No	201737	0.523
523-2434Q	511	25	25	No	202826	0.5637
523-2MS	517	50	50	No	267184	0.175
523-2MS2	517	50	50	No	267191	0.24
523-2MS3	517	50	50	No	267207	0.239
523-2MS4	517	50	50	No	267214	0.3732
523-31	473	**100**	1000	No	201744	0.0283
523-32	473	**100**	1000	No	201751	0.0294
523-33	473	**50**	500	No	201768	0.042
523-34	473	**50**	500	No	201775	0.051
523-3MS2C	517	**25**	100	No	205353	0.0549
523-3MS3C	517	**25**	100	No	205506	0.0375
523-3MS3G	517	**25**	100	No	205551	0.043
523-3MS4C	517	**10**	50	No	205537	0.1
523-3MS4G	517	**10**	50	No	205568	0.113
523-3MS5C	517	**10**	50	No	205582	0.115
523-3MS5G	517	**10**	50	No	205599	0.12
523-3MS6C	517	**10**	50	No	205605	0.138
523-3MS6G	517	**10**	10	No	205612	0.165
523-3MS7C	517	**10**	50	No	205629	0.161
523-3MS8G	517	**10**	10	No	205636	0.23
523-3MS9G	517	**10**	10	No	205650	0.285
523-3MSL	517	25	25	No	201621	0.7556
523-3MSS	517	25	25	No	201652	0.45
523-3MSS2	517	25	25	No	201874	0.508
523-3MSS3	517	25	25	No	201898	0.532
523-5501Q	512	100	100	No	319906	0.8818
523-712W	512	**10**	50	No	203298	0.038
523-734W	512	**10**	50	No	203304	0.1113
523-DEQ	512	1	25	Yes	202772	0.02
523F2424	511	50	50	No	208071	0.6259
523F5500	512	**100**	100	No	265999	0.049
523F5500	517	**100**	100	No	265999	0.049
523-VLK1	511	25	25	Yes	205162	0.552
524-10	489	**50**	50	No	201782	0.6
524-100	489	**5**	5	No	201799	5.588
524-1022PK2	489	**10**	50	Yes	203137	0.616
524-10CPK2	489	**10**	10	Yes	203168	0.3692
524-10PK	489	50	50	Yes	203038	0.5628
524-10PK2	489	**10**	10	Yes	203021	0.5107
524-50	489	**10**	10	No	201829	2.4383
524-50PK3	489	**1**	10	Yes	203069	2.505
525-02	501	**100**	1000	No	314741	0.0128
525-02G	501	**100**	1000	No	324016	0.0156
525-03	501	**100**	1000	No	314758	0.0146
525-1612	499	**25**	25	No	267078	0.4708
525-1613	499	**25**	25	No	300010	0.4738
525-1614	499	**25**	25	No	267610	0.478
525-161PB	499	**25**	25	Yes	267313	0.52
525-161PBL	499	**25**	25	No	267924	0.5704
525-161PBPK	499	10	10	Yes	200877	0.5728
525-1622	499	**25**	25	No	267085	0.5372
525-1622PK1	499	10	10	Yes	266651	0.5293
525-1622V	500	25	25	No	200501	0.664
525-1623	499	**25**	25	No	267092	0.5372
525-1624	499	**25**	25	No	267627	0.53
525-162PB	499	**25**	25	Yes	267320	0.68
525-162PBL	499	**25**	25	No	267917	0.7264
525-162PBPK	499	10	10	Yes	200884	0.735
525-162PBV	500	25	25	No	200518	0.831
525-16T	499	**100**	100	No	267139	0.1925
525-16WLB	500	**25**	25	No	267696	0.5449
525-2002PK2	501	50	50	Yes	200846	0.306
525-20B	499	**100**	100	No	267047	0.1966
525-2412	499	**25**	25	No	267108	0.6067
525-2413	499	**25**	25	No	300515	0.6067
525-241PB	499	**25**	25	No	267344	0.6976
525-241PBL	499	**25**	25	No	267900	0.7275
525-2422	499	**25**	25	No	267115	0.6788
525-242PB	499	**25**	25	No	267351	0.837
525-242PBL	499	**25**	25	No	267894	1.3988
525-24T	499	**100**	100	No	267146	0.2596
525-2602PK2	501	50	50	Yes	747983	0.38
525-33	469	25	25	No	200976	0.2348
525-34	469	25	25	No	200983	0.2548
525-35	469	25	25	No	326072	0.2386
525-6918	502	**100**	100	No	742940	0.2102
525-6918	513	**100**	100	No	742940	0.2102
525-6920	501	**100**	100	No	713483	0.244
525-6920	502	**100**	100	No	713483	0.244
525-6920	513	**100**	100	No	713483	0.244
525-6926	501	**100**	100	No	713490	0.2495
525-6926	502	**100**	100	No	713490	0.2495
525-6926	513	**100**	100	No	713490	0.2495
525-B2	499	**50**	50	No	267153	0.0714
525-B2S	500	**50**	50	Yes	200952	0.1015
525-B3	499	**50**	50	No	267160	0.0732
525-B3S	500	**50**	50	Yes	201096	0.101
525-B4	499	**50**	50	No	267658	0.077
525-P2	507	**50**	50	No	267375	0.0613
525-P22	499	**50**	50	No	268358	0.1532
525-P2M	499	**100**	100	No	268334	0.1379
525-P2M	502	**100**	100	No	268334	0.1379
525-P2M1	507	**25**	25	Yes	268341	0.32
525-P2PK	507	**10**	10	Yes	200891	0.0536
525-WLB	500	**50**	50	No	267702	0.1765
528-10	489	**50**	50	No	201836	0.3398
528-100	489	**5**	5	No	201843	3.326

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
528-10PK2	489	**10**	10	Yes	203083	0.34
528-25PK2	489	**1**	12	Yes	266972	0.8312
528-50	489	**10**	10	No	201867	1.7053
530-163	531	**100**	100	No	265821	0.074
530-1635	531	**100**	100	No	201881	0.2661
530-163PK	531	**100**	100	Yes	265821	0.0675
530-166	531	**100**	100	No	201904	0.152
530-166PK	531	**100**	100	Yes	201003	0.152
530-169	531	**50**	50	No	207746	0.204
530-6M	531	**100**	100	No	266149	0.1531
533-1	531	**25**	25	No	201942	0.578
533-2	531	25	25	No	201959	0.7682
533-3	531	**10**	10	No	201966	0.8685
535-14	493	**25**	25	No	201973	0.798
535-14PK	493	**10**	10	No	748775	0.798
535-914	493	**25**	25	No	201997	0.59
535-926	493	**25**	25	No	202000	0.9659
535-9P	493	**50**	50	No	202017	0.0998
536-09	531	**50**	50	No	202024	0.22
536-12	531	**50**	50	No	202031	0.2974
536-18	531	**50**	50	No	202048	0.428
536-35	531	**100**	100	No	202055	0.2263
536-36	531	**50**	50	No	266064	0.352
536-56E	531	**50**	50	No	200006	0.4933
536-58	531	**50**	50	No	202062	0.636
536-612	531	**25**	25	No	266071	1.0523
536-616	531	**25**	25	No	267177	1.652
536-68E	531	**50**	50	No	200037	0.7153
536-85	531	**50**	50	Yes	206275	0.7518
538-09	531	**50**	50	No	202086	0.194
538-12	531	**50**	50	No	202093	0.252
538-18	531	**50**	50	No	202109	0.348
539-18	531	**25**	25	No	202116	0.997
539-518	531	**25**	25	No	208088	1.432
539-6	531	**50**	50	No	202123	0.392
541-CB	525	**25**	25	No	201805	0.164
541-CPK2	525	**20**	20	Yes	263636	0.2014
541-GB	525	**25**	25	No	201850	0.173
541-GPK2	525	**20**	20	Yes	263629	0.2114
542-PK2	525	**10**	10	Yes	264015	0.3973
543-21	521	**8**	8	No	735256	0.542
543-21R	521	**8**	8	Yes	729361	0.88
549-712	486	**50**	50	No	202185	0.1293
549-734	486	**25**	25	No	202192	0.1465
550-02	470	**1**	10	Yes	203335	0.353
550-11	469	**100**	100	No	202215	0.0335
550-11E	469	100	100	Yes	266217	0.0925
550-11PK2	469	1	10	Yes	200440	0.1577
550-11Q	469	**100**	100	No	202239	0.0379
550-12	469	**1**	1	No	202246	2.9321
550-210	518	**25**	250	No	205858	0.0344
550-2111	469	**50**	50	Yes	205841	0.097
550-2111	518	**50**	50	Yes	205841	0.097
550-2111PK3	469	**1**	1	No	205919	4.6
550-2111PK3	518	**1**	1	No	205919	4.6
550-2111Q	519	5	50	Yes	205834	0.125
550-2112	469	**5**	25	Yes	205926	0.136
550-2112	518	**5**	25	Yes	205926	0.136
550-2112Q	519	**5**	25	Yes	205865	0.194
550-2113	518	**25**	25	Yes	205933	0.186
550-2121	518	**50**	50	Yes	206305	0.118
550-2121PK3	518	**1**	1	No	206480	5.55
550-2121Q	519	5	25	Yes	206312	0.162
550-2122	518	**1**	25	Yes	206329	0.158
550-2122Q	519	**5**	25	Yes	206336	0.212
550-214QPK2	519	**1**	10	Yes	206503	0.18
550-214QPK3	519	**1**	4	Yes	206497	0.6125
550-3131	518	50	50	Yes	724632	0.094
550-3131PK3	518	**1**	1	Yes	724649	0.089
550-3132	518	**25**	25	Yes	724656	0.11
550-AMB	520	10	10	Yes	205377	0.5732
550F11	469	**25**	100	Yes	200419	0.047
550F3111	519	25	25	Yes	724670	0.144
550F3121	519	**10**	10	Yes	724687	0.165
550F3121PK3	519	**1**	1	Yes	724700	0.15
550F3131	519	**10**	10	Yes	724694	0.145
550F3131PK3	519	**1**	1	Yes	724717	0.132
550-FP2	503	**25**	25	No	266996	0.28
550-FP2S	503	**25**	25	No	267597	0.1962
550-M2	507	**50**	50	No	202352	0.1013
550-M3	507	**25**	25	No	202369	0.23
550-MP2	507	**25**	25	No	202383	0.2048
550-MP2PK	507	**10**	10	Yes	208545	0.2299
550-MP3	507	**25**	25	No	266538	0.322
550-PB2	507	**50**	50	No	203175	0.0544
550-PB3	507	**50**	50	No	205346	0.165
550-PC2	507	**10**	10	No	205131	0.333
551-2	465	**100**	1000	No	202390	0.0131
551-2BKT	465	**1**	1	No	735300	17.45
551-2C	465	**100**	1000	No	202413	0.0132
551-2PK2	465	**20**	20	Yes	200549	0.1542
551-3	465	**50**	500	No	265289	0.0206
551-3BKT	465	**1**	1	No	735317	13.55
551-3C	465	**50**	500	No	200310	0.0195
551-3PK2	465	20	20	Yes	200587	0.2249
551-4	465	**25**	250	No	202475	0.0296
551-4BKT	465	**1**	1	No	735249	11.65
551-4C	465	**25**	250	No	202499	0.0333
551-4PK2	465	20	20	Yes	496775	0.3462
551-P2	466	**100**	1000	No	265296	0.0172

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
551-P2PK3	466	1	10	Yes	200563	1.7452
551-P2Q	466	**100**	100	No	205940	0.022
551-P2S	466	**300**	300	No	265449	0.0168
551-P3	466	**50**	500	No	265302	0.0228
551-P3PK3	466	1	10	Yes	200600	1.1886
551-P3Q	466	**100**	100	No	205957	0.03
551-P3S	466	**300**	300	No	200624	0.0222
551-P4Q	466	**25**	25	No	205964	0.038
551-P5Q	466	**25**	25	No	205988	0.042
552-A2	466	**50**	50	No	267382	0.0234
552-A3	466	**50**	50	No	267399	0.0273
552-B22	466	**50**	50	No	267405	0.0332
552-B23	466	**50**	50	No	267412	0.0344
552-B33	466	**50**	50	No	267429	0.0345
552-C22	466	**50**	50	No	267436	0.0319
552-C23	466	**50**	50	No	267443	0.0332
552-C33	466	**50**	50	No	267450	0.032
553-014	485	**100**	100	No	202987	0.2045
553-014PK	485	25	25	Yes	202987	0.178
553-026	485	**50**	50	No	204561	0.3221
553-22W	470	**50**	150	No	252005	0.0575
553-23W	470	**50**	150	No	252012	0.0645
553-2W	470	**50**	50	Yes	252043	0.0341
553-3W	470	**50**	50	Yes	252081	0.0354
553-4W	470	**50**	50	Yes	252128	0.0389
553-5W	470	**50**	50	Yes	252449	0.0461
553-6W	485	**50**	50	Yes	252166	0.0844
553-6WM25	485	**10**	10	Yes	207753	2.155
553-6WZ	485	**25**	100	No	205872	0.108
553-6WZPK2	485	4	5	Yes	267825	0.0493
553-7W	485	**50**	50	Yes	252203	0.0875
553-7WZ	485	**25**	100	No	205889	0.1115
553-7WZPK2	485	1	5	Yes	267832	0.52
553-830W	485	**50**	50	Yes	252852	0.1447
553-8W	485	**50**	50	Yes	252241	0.0975
553-8WZ	485	**25**	100	No	205896	0.1365
553-8WZPK2	485	4	5	Yes	267849	0.61
553-9W	485	**25**	25	Yes	252289	0.1652
553-9WZ	485	**25**	100	No	205902	0.153
553-9WZPK2	485	4	5	Yes	267856	0.67
553-STRP	485	**50**	50	No	204554	0.074
554-08	727	**100**	2500	No	202802	0.0028
554-100	489	1	20	Yes	203281	1.2054
554-100W	489	1	20	Yes	266514	0.9125
554-10PK2	489	**10**	10	Yes	203229	0.16
554-14	727	**100**	1000	No	265456	0.0053
554-14H	727	**100**	1000	No	200075	0.0126
554-21	727	**50**	500	No	202833	0.0286
554-25	489	**1**	20	Yes	203243	0.3625
554-25W	489	**1**	20	Yes	266521	0.24
554-36	727	**50**	250	No	202857	0.042
555-2	464	**100**	1000	No	265326	0.0097
555-23	465	**100**	1000	No	265357	0.0155
555-23BKT	465	**1**	1	No	735324	15.9
555-23PK2	465	10	10	Yes	200921	0.186
555-23PK3	465	1	10	Yes	205193	0.9434
555-23S	465	**300**	300	No	266330	0.0162
555-2BKT	464	**1**	1	No	735331	18.65
555-3	464	**100**	1000	No	265333	0.0148
555-3BKT	464	**1**	1	No	735263	17.15
555-4	464	**50**	500	No	265340	0.0236
555-4BKT	464	**1**	1	No	735270	15.99
555-623	465	**100**	1000	No	203007	0.0135
555-623PK2	465	**10**	10	Yes	267863	0.166
556-1	464	**100**	1000	No	750563	0.0071
556-2	464	**100**	1000	No	206992	0.0094
556-2BKT	464	**1**	1	No	735287	18.816
556-2PK2	464	**10**	10	Yes	200747	0.0943
556-2PK3	464	**1**	10	Yes	200761	0.9433
556-2S	464	**300**	300	No	203076	0.0117
556-3	464	**100**	1000	No	206985	0.0145
556-3BKT	464	**1**	1	No	735294	14.75
556-3PK2	464	**10**	10	Yes	200785	0.178
556-3PK3	464	**1**	10	Yes	200808	1.5199
556-3S	464	**300**	300	No	203120	0.0155
556-4	464	**50**	500	No	206954	0.0268
556-4BKT	464	**1**	1	No	735232	14.5688
556-4C	464	**50**	500	No	203151	0.0252
556-4PK2	464	10	10	Yes	266989	0.289
556-4PK3	464	**1**	10	Yes	200822	1.3831
556-5	464	**250**	250	No	203915	0.0359
556-5S	464	**25**	100	No	204295	0.0362
557-2	467	**100**	1000	No	206893	0.0089
557-2Q	467	**50**	50	No	203182	0.0331
557-3	467	**100**	1000	No	203199	0.0115
557-3Q	467	**50**	50	No	318978	0.0041
557-4	467	**50**	500	No	203212	0.0156
557-4Q	467	**25**	25	No	318954	0.0407
557-5	467	**25**	250	No	206978	0.0256
557-5Q	467	**25**	25	No	318961	0.0587
557-6	467	**25**	250	No	203236	0.0307
557-6PK2	467	10	10	Yes	200181	0.2035
557-7	467	**25**	250	No	202901	0.0428
557F2	467	**100**	1000	No	203250	0.0163
557F3	467	**50**	500	No	203267	0.0212
557F4	467	**50**	500	No	203274	0.0291
557F5	467	**10**	10	No	200716	0.1083
557F6	467	**10**	10	No	200723	0.1083
557F7	467	**10**	10	No	200730	0.085
558-2	468	**50**	500	No	265418	0.021

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
558-23B	468	**100**	1000	No	267788	0.0092
558-2PK2	468	10	10	Yes	201522	0.1263
558-3	468	**50**	500	No	265425	0.0164
558-3PK2	468	10	10	Yes	201560	0.1033
558-4	468	**25**	250	No	265432	0.0163
558-E2	468	**50**	500	No	265388	0.0193
558-E2PK2	468	10	10	Yes	201300	0.1257
558-E3	468	**50**	500	No	265395	0.0174
558-E3PK2	468	10	10	Yes	201348	0.1167
558-E4	468	**25**	250	No	265401	0.0163
558-E4PK2	468	10	10	Yes	201379	0.0929
558-M23	468	**100**	1000	No	201607	0.0072
558-M23H	468	**100**	1000	No	201980	0.0084
558-M23PK2	468	10	10	Yes	201508	0.055
558-M23R	468	**100**	1000	No	201928	0.0072
558-M4	468	**25**	250	No	203441	0.0062
558-M4H	468	**50**	1000	No	266798	0.0051
558-M4R	468	**25**	250	No	203458	0.0063
559-2	467	**100**	1000	No	265364	0.0105
559-2PK2	467	10	10	Yes	201102	0.0779
559-3	467	**50**	1000	No	203311	0.0136
559-3PK2	467	10	10	Yes	201140	0.0914
559-4	467	**50**	500	No	200235	0.0191
559-4PK2	467	10	10	Yes	265371	0.1235
559-5	467	**25**	250	No	200242	0.0322
559-6	467	**25**	250	No	200280	0.037
559-7	467	**25**	250	No	200303	0.0498
559F2	467	**100**	1000	No	203571	0.0193
559F3	467	**50**	500	No	203403	0.0253
559F4	467	**50**	500	No	203397	0.0364
559F5	467	10	10	No	200754	0.0746
559F6	467	10	10	No	200778	0.0836
559F7	467	10	10	No	200792	0.0905
570	516	**24**	24	No	203632	0.2771
570-10	516	24	24	Yes	203649	0.45
570-20	516	**24**	24	Yes	203656	0.5737
570-24	516	24	24	Yes	203670	0.566
570-58	517	**50**	50	Yes	203663	0.063
571	521	**8**	8	No	736154	0.216
572	516	24	24	No	265869	0.3491
572-20	516	24	24	Yes	203793	0.6133
572-22	516	24	24	Yes	203809	0.6093
572-24	516	24	24	Yes	203816	0.6333
574-710	480	**25**	250	No	202888	0.1605
574-710	518	**25**	250	No	202888	0.1605
574-713	480	**25**	150	No	202895	0.2085
574-713	518	**25**	150	No	202895	0.2085
574-73	480	**25**	500	No	751812	0.0905
574-74	480	**25**	500	No	200686	0.0905
574-74	517	**25**	500	No	200686	0.0905
574-74	518	**25**	500	No	200686	0.0905
574-75	480	**25**	100	No	506665	0.1041
574-75	517	**25**	100	No	506665	0.1041
574-75	518	**25**	100	No	506665	0.1041
574-77	480	**25**	100	No	506641	0.1299
574-77	517	**25**	100	No	506641	0.1299
574-77	518	**25**	100	No	506641	0.1299
575-100Q	520	1	12	No	268365	2.0704
575-101Q	520	**1**	10	No	203359	1.772
575-102Q	520	**1**	10	No	203496	4.1
575-510Q	520	25	25	No	200815	0.0544
575-511Q	520	25	25	No	200839	0.0938
575-512Q	520	25	25	No	200860	0.2016
590-10	479	**10**	10	Yes	503022	1.0693
590-4411	479	1	5	Yes	267931	1.56
590-4411	528	1	5	Yes	267931	1.56
590-4411-3	479	1	5	Yes	200136	1.894
590-4411-3	528	1	5	Yes	200136	1.894
590-4412	479	1	5	Yes	267948	1.72
590-4412	528	1	5	Yes	267948	1.72
590-4413	479	1	5	Yes	267955	1.54
590-4413	528	1	5	Yes	267955	1.54
590-4421	479	1	5	Yes	267962	1.91
590-4421	528	1	5	Yes	267962	1.91
590-4423	479	1	5	Yes	267986	2.1
590-4423	528	1	5	Yes	267986	2.1
590-44ND1	479	1	12	Yes	267993	0.0904
590-44ND1	528	1	12	Yes	267993	0.0904
590-44ND1	725	1	12	Yes	267993	0.0904
590-44ND2	479	1	12	Yes	268006	0.1124
590-44ND2	528	1	12	Yes	268006	0.1124
590-44ND2	725	1	12	Yes	268006	0.1124
591-06B	479	**10**	10	Yes	266958	0.335
591-06B	499	**10**	10	Yes	266958	0.335
591-081	479	**10**	10	No	266309	0.5313
591-081	499	**10**	10	No	266309	0.5313
598-010	535	1	1	Yes	200617	14.645
598-011	535	1	1	Yes	200648	14.305
598-012	535	1	1	Yes	200679	22.2
598-0210	535	**10**	10	No	202949	0.2285
598-0210PK1	535	1	25	Yes	204684	0.234
598-0213	535	**10**	10	No	202963	0.2745
598-0213PK1	535	1	25	Yes	204738	0.2858
598-022	535	**10**	10	Yes	733474	1.53
598-023	535	**10**	10	Yes	733719	1.78
600-206PK	104	**10**	10	Yes	400567	0.1678
600-212PK	104	**10**	10	Yes	400628	0.3251
600-306PK	104	**10**	10	Yes	400765	0.2528
600-312PK	104	**10**	10	Yes	400826	0.4951
600Q206	122	**6**	6	Yes	201546	0.195

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
600Q306	122	**6**	6	Yes	201577	0.2925	**613-107**	105	50	50	No	401069	0.372
600QG406	122	**6**	6	Yes	415813	0.5417	**613-137**	105	**50**	50	No	401076	0.4388
601-G20CV	112	6	6	Yes	415646	0.6908	**613-139**	105	50	50	No	401083	0.4833
601-G21CV	112	6	6	Yes	415660	0.6858	**613-57**	105	**50**	50	No	401090	0.2576
601-G30CV	112	6	6	Yes	415677	0.8567	**613-57M**	106	**50**	50	No	401113	0.3238
601Q20V	127	6	6	Yes	416568	0.5583	**613-57PK**	105	**20**	20	Yes	401052	0.268
601Q30V	127	6	6	Yes	416520	0.7333	**613-57X**	106	**50**	50	No	401120	0.33
60205005	735	**4**	4	Yes	176107	10	**613-57Y**	106	**50**	50	No	401137	0.3111
603Q2	41	**15**	15	Yes	407917	0.03	**613-67**	105	**50**	50	No	401144	0.2794
603Q2	125	**15**	15	Yes	407917	0.03	**613-67F**	106	**50**	50	No	498397	0.3716
603Q3	41	**15**	15	Yes	407924	0.0433	**613-67M**	106	**50**	50	No	401151	0.3496
603Q3	125	**15**	15	Yes	407924	0.0433	**613-67X**	106	**50**	50	No	401168	0.36
603Q4	41	15	15	Yes	407931	0.05	**613-67Y**	106	**50**	50	No	401175	0.3411
603Q4	125	15	15	Yes	407931	0.05	**613-87**	105	**50**	50	No	401182	0.3252
605QG2	123	**12**	12	Yes	415820	0.0879	**613-87E**	105	25	25	No	401199	0.4003
605QG3	123	**6**	6	Yes	415837	0.1583	**613-87M**	106	50	50	No	401205	0.3896
605QG4	123	**6**	6	Yes	415844	0.2342	**613-87X**	106	**50**	50	No	401212	0.3987
605QG5	123	**3**	3	Yes	415851	0.5417	**613-87Y**	106	**50**	50	No	401229	0.3869
605QG6	123	**3**	3	Yes	415868	0.8517	**613-887L**	105	25	25	No	403537	0.5148
605QG7	123	**3**	3	Yes	415875	1.2183	**613-887R**	105	25	25	No	403544	0.5148
608-D288E	105	25	25	No	400284	0.5812	**614-2**	103	**50**	500	No	401526	0.0319
608-L2138	104	50	50	No	400574	0.4614	**614-3**	103	**50**	500	No	401250	0.0395
608-L2187	104	50	50	No	400581	0.5506	**614-4**	103	**25**	250	No	401267	0.0604
608-L2277	104	50	50	No	400598	0.7503	**614-8L**	107	**50**	50	No	401281	0.2481
608-L2308	107	25	25	No	400604	0.8608	**615-213**	103	**10**	10	No	401298	0.2925
608-L246	104	50	50	No	400673	0.203	**615-233**	103	**10**	10	No	401311	0.309
608-L248	104	50	50	No	400680	0.238	**615-313**	103	**10**	10	No	495112	0.395
608-L2508	107	25	25	No	400710	1.377	**615-333**	103	**10**	10	No	495129	0.4619
608-L2508E	107	25	25	No	400727	1.4965	**615-C2113**	84	**25**	25	No	495358	0.566
608-L2612	104	50	50	No	400314	0.3975	**615-C2113**	103	**25**	25	No	495358	0.566
608-L263A	107	**50**	50	No	401243	0.1772	**615-C215**	84	**10**	10	No	499295	0.314
608-L2812	104	50	50	No	400789	0.4415	**615-C215**	103	**10**	10	No	499295	0.314
608-L348	104	50	50	No	400796	0.4315	**615W216**	55	**25**	25	No	102423	0.194
608-L4612	104	25	25	No	400291	0.892	**615W216**	103	**25**	25	No	102423	0.194
609-L2138	104	50	50	No	400857	0.462	**616-02BM**	616	1	25	Yes	715579	0.13
609-L246	104	50	50	No	400864	0.2069	**616-02C**	616	25	25	Yes	506894	0.1147
609-L246E	105	25	25	No	400871	0.2985	**616-02RB**	616	1	25	Yes	403551	0.1113
609-L248	104	50	50	No	400888	0.2426	**616-02SN**	616	1	25	Yes	506931	0.1113
609-L248E	105	25	25	No	400895	0.3	**616-15**	107	25	25	No	401359	0.1567
609-L2612	104	50	50	No	400901	0.3962	**616-2**	103	**50**	50	No	401366	0.389
609-L2812	104	50	50	No	400956	0.438	**616-2E3**	103	**50**	50	No	419101	0.2691
609-L348	104	50	50	No	400970	0.417	**616-2PK2**	103	**10**	10	Yes	401625	0.4397
609-L4612	104	25	25	No	401007	0.944	**616-3E3**	103	**25**	25	No	444547	0.37
609-L4812	104	25	25	No	401014	1.0461	**616-630**	107	**50**	50	No	401380	0.924
612-2S	503	**50**	500	No	207708	0.021	**616-630X**	107	**50**	50	No	401397	0.9339
612-3S	503	**25**	250	No	207715	0.0186	**616-630Y**	107	**50**	50	No	401403	0.979
612-4S	503	**25**	250	No	207722	0.016	**616-648**	107	**12**	12	No	401410	1.2057
612-557	106	25	25	No	401038	0.4011	**616-650**	107	**25**	25	No	401427	1.364
612-57	106	25	25	No	464101	0.3168	**616-650X**	107	**25**	25	No	401434	1.67
612-87	106	25	25	No	401045	0.3904	**616-650Y**	107	**25**	25	No	401441	1.484

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
616-CG2E3	83	**50**	50	No	412355	0.1619	**630WGD288E**	56	**25**	25	No	406682	0.6452
616X2PX	24	**50**	50	No	482969	0.4435	**630X148**	27	50	50	No	400345	0.2426
622-L03	106	100	100	No	410054	0.0703	**630X148E**	27	25	25	No	400369	0.3045
622-L06	106	**100**	100	No	401489	0.1331	**630X2138**	27	50	50	No	403445	0.457
622-L06PK	106	**20**	20	Yes	400079	0.1425	**630X2412**	27	50	50	No	400376	0.3398
622-L08	106	**100**	100	No	401496	0.1767	**630X2412E**	27	**25**	25	No	441706	0.3843
622-L08PK	106	**10**	10	Yes	703491	0.183	**630X246**	27	**50**	50	No	403438	0.2014
622-L09CF	104	25	25	No	401533	0.2856	**630X246E**	27	**25**	25	No	402097	0.2606
622-L10	106	100	100	No	401540	0.2255	**630X248**	27	**50**	50	No	402110	0.2426
622-L12	106	**100**	100	No	401557	0.2653	**630X248E**	27	**25**	25	No	495266	0.3018
622-L12PK	106	**10**	10	Yes	711694	0.2911	**630X248EPK**	27	**20**	20	Yes	480965	0.2981
622-L15	106	100	100	No	401564	0.3315	**630X248PK**	27	**6**	6	Yes	480941	0.2504
622-L24E	106	20	20	No	401601	0.61	**630X3136**	27	50	50	No	402134	0.666
623-L06	106	50	50	No	401700	0.222	**630X3412**	27	50	50	No	400352	0.5745
623-L08	106	50	50	No	401717	0.291	**630X348**	27	**50**	50	No	402158	0.4338
623-L12	106	50	50	No	401724	0.436	**630X348E**	27	**25**	25	No	403339	0.4942
623-L18	106	50	50	No	401755	0.6636	**630X4612**	27	25	25	No	410184	0.8818
624-L08	106	30	30	No	401809	0.4167	**630X468**	27	25	25	No	410177	0.676
624-L12	106	30	30	No	401823	0.6033	**630X468E**	27	10	10	No	441713	0.765
624-L15	106	30	30	No	401847	0.7733	**630XD288**	27	25	25	No	487117	0.53
624-L18	106	30	30	No	401854	0.9676	**631-33**	108	1	25	No	407641	0.322
630-C2412	85	**50**	50	No	401960	0.362	**631-33F**	108	**25**	25	No	403315	0.2633
630-C248	85	**50**	50	No	401977	0.2686	**631-C307**	86	**25**	25	No	402196	0.4578
630-C248E	85	**25**	25	No	401984	0.3359	**631-CG307FP**	86	**10**	10	No	411389	1.205
630-C248PK	85	**10**	10	Yes	490735	0.2937	**631-G305FP**	108	**25**	25	No	413338	0.0276
630-C287	85	**50**	50	No	401991	0.3454	**631WG02**	57	25	25	No	709455	0.352
630-C348	85	**50**	50	No	401618	0.7196	**631WG02FP**	57	**12**	12	No	411785	1.06
630-C3612	85	**25**	25	No	406026	0.662	**631X02**	28	**25**	25	No	402257	0.3167
630-C41016	85	**25**	25	No	418364	1.416	**631XG02FP**	28	**12**	12	No	411808	1.115
630-C41110	85	**25**	25	No	400338	1.1968	**631XG3TM9**	28	**25**	25	No	713681	0.794
630-C41110E	85	**10**	10	No	407481	1.215	**632-C263**	85	**50**	50	No	402332	0.1892
630-C9248	94	**50**	50	No	402585	0.291	**632-C263PK**	85	**10**	10	Yes	491466	0.2015
630-C93612	94	**25**	25	No	410122	0.66	**632-C263X**	85	**50**	50	No	403278	0.2748
630-C941012	94	**25**	25	No	410252	1.182	**632-C263XPK**	85	**10**	10	Yes	499936	0.294
630Q248	126	**20**	20	Yes	409355	0.3157	**632-C263YPK**	85	**10**	10	Yes	499943	0.2751
630Q248E	126	**10**	10	Yes	421814	0.299	**632-C283**	85	**50**	50	No	402530	0.248
630Q368	126	**10**	10	Yes	410740	0.5735	**632PX222M**	47	**1**	10	No	438270	0.64
630Q4910E	126	**10**	10	Yes	417756	1.095	**632PX232M**	47	**1**	10	No	438904	0.725
630VG248	73	**25**	25	No	416872	0.3773	**632PX332M**	47	**1**	10	No	438973	0.835
630VG248E	73	**25**	25	No	413314	0.3773	**632Q263**	126	**20**	20	Yes	409362	0.215
630WG2138	56	**50**	50	No	406712	0.5504	**632Q263X**	126	**20**	20	Yes	409379	0.3118
630WG2412	56	**50**	50	No	412898	0.385	**632Q263Y**	126	**20**	20	Yes	409386	0.2922
630WG248	56	**50**	50	No	404633	0.31	**632QG222F**	124	**6**	6	Yes	415882	0.16
630WG248E	56	**25**	25	No	404640	0.3378	**632QG222M**	124	**6**	6	Yes	415899	0.193
630WG248EPK1	56	**10**	10	Yes	422279	0.4071	**632QK002M**	680	**5**	60	Yes	681010	-
630WG248PK1	56	**10**	10	Yes	422286	0.3506	**632QK110M**	680	**5**	60	Yes	437228	-
630WG348	56	**25**	25	No	404657	0.5698	**632VG273**	73	**50**	50	No	416940	0.246
630WG348E	56	**25**	25	No	404664	0.6224	**632W273X**	57	**50**	50	No	402387	0.3342
630WG4612	56	**25**	25	No	406705	1.1985	**632WG222M**	54	**50**	50	No	409416	0.259
630WG4612E	56	**10**	10	No	406699	1.2885	**632WG222MPK2**	54	**10**	10	Yes	418913	0.5285

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
632WG263	57	**50**	50	No	406743	0.2513	**633WG18FPT**	57	**10**	10	No	416612	1.66
632WG263Y	57	**50**	50	No	406736	0.2902	**633WG18FRV**	57	10	10	No	713605	1.6
632WG332	55	**25**	25	No	409423	0.235	**633WG18HRV**	57	**10**	10	No	723260	1.585
632WG335	55	**25**	25	No	409430	0.163	**633WG18PK1**	57	**10**	10	Yes	406750	0.89
632WP222M	67	**25**	375	No	423702	0.0224	**633WG18WRV**	57	**10**	10	No	723277	1.635
632X222	24	**100**	1000	No	402448	0.0453	**633WG306FP**	57	**10**	10	No	433220	0.855
632X225	25	**100**	1000	No	402462	0.0502	**633X02**	29	**25**	25	No	495433	0.1599
632X243	28	**50**	50	No	402486	0.1291	**633X18**	29	**25**	25	No	402882	0.7534
632X243PK	28	**20**	20	Yes	481467	0.1564	**633X18PK**	29	**25**	25	Yes	484468	0.7364
632X263	28	50	50	No	402493	0.1877	**633XG18FP**	29	**10**	10	Yes	412867	1.5219
632X263X	28	**50**	50	No	402509	0.2583	**633XG18FPT**	29	**10**	10	No	412942	1.6675
632X263Y	28	**50**	50	No	402516	0.2394	**633XG18FRV**	29	**10**	10	No	416773	1.615
632X283	28	50	50	No	482419	0.2196	**633XG18HRV**	29	**10**	10	No	723291	1.555
632X332	24	**25**	250	No	402523	0.0972	**633XG18XRV**	29	**10**	10	No	723307	1.58
632X335	25	**25**	250	No	402547	0.109	**634-112**	109	**12**	12	No	400413	0.4367
632X458	28	**25**	25	No	499820	0.612	**634-112PK5**	109	**5**	5	Yes	409034	0.47
632XG222M	24	**50**	50	No	404497	0.264	**634-115**	109	**12**	12	No	402936	0.5075
632XG332M	24	**50**	50	No	404510	0.398	**634-118**	109	**12**	12	No	402943	0.601
633-312	109	**25**	25	No	402592	0.5587	**634-118PK5**	109	**5**	5	Yes	409096	0.6317
633-318	108	**10**	10	No	402455	0.7842	**634-124**	109	**12**	12	No	400437	0.8067
633-3TFMF6	111	**10**	40	No	748478	0.7165	**634-124PK5**	109	**5**	5	Yes	409119	0.8296
633-C02	83	**50**	50	No	402691	0.1983	**634-315**	109	**12**	12	No	402974	0.456
633-C02	86	**50**	50	No	402691	0.1983	**634-318**	109	**12**	12	No	402981	0.54
633-C02PK	83	**10**	10	Yes	493101	0.2112	**634-324**	109	**12**	12	No	408983	0.664
633-C02PK	86	**10**	10	Yes	493101	0.2112	**634-3F3F12**	110	**10**	40	Yes	502469	0.3762
633-C09	86	**25**	25	No	402707	0.4413	**634-3F3F18**	110	**10**	40	Yes	502476	0.5012
633-C18	86	**25**	25	No	402721	0.7803	**634-3F3F24**	110	**10**	40	Yes	502483	0.5975
633-C24	86	**25**	25	No	402776	0.9744	**634-4F3F18**	111	**10**	40	Yes	502421	0.57
633-C418	86	**25**	25	No	402806	0.8962	**634-4F4F18**	111	**10**	40	Yes	502438	0.7475
633-C4403	83	**20**	20	No	402868	0.4033	**634-C118**	86	**25**	25	No	402998	0.612
633-CG18FP	86	**10**	10	No	411419	1.382	**634-CG118FP**	87	**25**	25	No	407887	1.16
633-CG18FPT	86	**10**	10	No	411426	1.695	**634Q418**	127	**12**	12	No	410757	0.6498
633-CG18HRV	86	**10**	10	No	723284	1.645	**634Q418FP**	127	**10**	10	No	410764	1.3857
633-CG418FP	86	**10**	10	No	411440	1.5305	**634WG418**	58	**25**	25	No	406767	0.6443
633-G312FP	109	**10**	10	No	411709	1.2535	**634WG418FP**	58	**25**	25	No	407894	1.168
633-G318FP	108	**10**	10	No	412904	1.7083	**634X418**	29	**10**	10	Yes	403018	0.5554
633-G3TM11	109	**25**	25	No	411464	0.7266	**634XG418FP**	29	**25**	25	Yes	407900	1.106
633-G3TM15	109	**25**	25	No	411518	0.8714	**636-3L10888**	111	**10**	10	No	403094	1.856
633-G3TM18FP	110	1	25	No	407658	1.496	**636-3TR**	111	25	25	No	403117	0.6752
633-G3TM18FPF	110	1	25	No	407665	1.522	**636-4L10888**	111	**10**	10	No	403124	2.16
633-G4TM15	109	**25**	25	No	411877	1	**636X38883**	29	**12**	12	No	403162	1.5937
633Q03	123	**12**	12	Yes	410986	0.218	**636X48884**	29	**12**	12	No	403193	2.0071
633Q03	126	**12**	12	Yes	410986	0.218	**637-B23HWP**	594	**5**	20	Yes	447050	0.17
633Q06FP	126	**10**	10	Yes	410825	1.1254	**637-C20**	83	**25**	25	No	403209	0.1108
633Q18	126	**10**	10	Yes	410832	0.8103	**637-C20PK2**	83	**10**	10	Yes	493088	0.1331
633Q18FP	126	**10**	10	Yes	410849	1.4	**637PX20**	47	**1**	10	Yes	439451	1.54
633VG18	74	**10**	10	No	411846	0.7756	**637PX25**	47	**1**	10	No	439482	1.73
633VG18FP	74	**10**	10	No	411815	1.415	**637Q2**	123	**12**	12	Yes	410979	0.1238
633WG18	57	**25**	25	No	406750	0.8503	**637QK900**	680	**5**	60	Yes	681065	-
633WG18FP	57	**10**	10	No	411839	1.63	**637QK911**	680	**5**	60	Yes	437457	-

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
637QK980M	680	**5**	60	Yes	681096	-
637WP20	67	**25**	500	No	423719	0.0286
637WP25	67	**25**	375	No	423726	0.0334
637X20	25	**50**	500	No	481542	0.0405
637X20PK2	25	**10**	10	Yes	481528	0.1069
637X235	24	**50**	50	No	403254	0.1816
637X25	25	**50**	50	No	481580	0.0606
637X335	24	**25**	25	No	487902	0.1868
637X423PK	25	**10**	10	Yes	401663	0.1209
637XG711	25	**20**	20	No	423047	0.0965
637XG721	25	**20**	20	No	423030	0.095
637XG920	31	**25**	250	No	415301	0.11
637XG920PK1	31	**10**	10	Yes	415318	0.16
637XG9220	31	**25**	250	No	415325	0.1229
637XG9220PK1	31	**10**	10	Yes	415493	0.0215
638VG208E4	73	**25**	25	No	421968	0.3122
638VG218E4	73	**25**	25	No	421951	0.5265
638WG208	56	**50**	50	No	411150	0.2435
638WG212E	56	**50**	50	No	406774	0.3677
638WG215	56	**50**	50	No	411167	0.3968
638X208	28	**100**	100	No	403360	0.1785
638X208PK	28	**20**	20	Yes	481306	0.1906
638X212	28	100	100	No	481320	0.2613
638X212E	28	**50**	50	No	499837	0.3187
638X218E	28	**25**	25	No	418746	0.4211
638X312	28	50	50	No	403384	0.4503
640PX12	46	**1**	20	No	439932	0.2625
640PX13	46	**1**	20	No	440358	0.26
640PX14	46	**1**	10	No	442666	0.0169
640WP02	67	**25**	1000	No	423733	0.008
640WP03	67	**25**	750	No	423740	0.0088
640WP04	67	**10**	360	No	423757	0.0271
640WP5	67	**1**	5	Yes	710130	0.0907
640WP6	67	**1**	5	Yes	710147	0.1119
640WP7	67	**1**	5	Yes	710154	0.2028
640XG01	21	**100**	1000	No	404626	0.0161
640XG02	21	**100**	1000	No	408648	0.018
640XG03	21	**100**	1000	No	408655	0.0354
640XG04	21	**25**	250	No	408662	0.0764
641PX222	46	**1**	10	No	443618	0.7
641PX223	46	**1**	10	No	443823	0.45
641PX322	46	**1**	10	No	450531	0.445
641PX323	46	**1**	10	No	450982	0.54
641PX332	46	**1**	10	No	457134	0.495
641PX333	46	**1**	10	No	457547	0.65
641PX334	46	**1**	10	No	457844	0.825
641PX433	46	**1**	10	No	457851	0.97
641PX434	46	**1**	10	No	457882	1.14
641PX442	46	**1**	10	No	457899	0.0498
641PX443	46	**1**	10	No	457905	0.0538
641PX444	46	**1**	10	No	457912	0.0575
641Q3-3Q2	122	1	6	Yes	424075	0.4
641QG222	121	**12**	12	Yes	415912	0.2312
641QG222F	121	**6**	6	Yes	415929	0.2492
641QG222M	121	**6**	6	Yes	415936	0.2333
641QG223	121	**6**	6	Yes	415943	0.3083
641QG224	121	**6**	6	Yes	415950	0.3833
641QG322	121	**12**	12	Yes	415967	0.295
641QG323	121	**6**	6	Yes	415974	0.3692
641QG332	121	**6**	6	Yes	415981	0.3558
641QG333	121	**12**	12	Yes	415998	0.3912
641QG333F	121	**6**	6	Yes	416001	0.4925
641QG333M	121	**6**	6	Yes	416018	0.4142
641QG334	121	**6**	6	Yes	416025	0.475
641QG424	121	**6**	6	Yes	416032	0.5408
641QG555	121	**3**	3	Yes	416063	1.5833
641QG666	121	**3**	3	Yes	416070	2.5167
641QG777	121	**3**	3	Yes	416087	3.8517
641QK000	679	**5**	60	Yes	681102	-
641QK111	679	**5**	60	Yes	681119	-
641QK222	679	**5**	60	Yes	681126	-
641WG222	51	**50**	50	No	409447	0.136
641WG223	51	**20**	20	No	409454	0.2534
641WG322	51	**20**	20	No	409461	0.2751
641WG323	51	**20**	20	No	409478	0.2766
641WG332	51	**20**	20	No	409485	0.2913
641WG333	51	**20**	20	No	409492	0.265
641WG334	51	**20**	20	No	409508	0.4425
641WG433	51	**20**	20	No	409515	0.4575
641WG442	51	**20**	20	No	409522	0.474
641WG443	51	**20**	20	No	409546	0.5
641WG444	51	**20**	20	No	409553	0.5225
641WG445	51	**5**	5	Yes	723321	-
641WG534	51	**5**	5	Yes	723338	-
641WG543	51	**5**	5	No	440556	-
641WG544	51	**5**	5	No	440617	-
641WG545	51	**5**	5	Yes	723345	-
641WP222	65	**25**	500	No	423764	0.0211
641WP223	66	**25**	300	No	423771	0.0278
641WP322	65	**25**	300	No	423788	0.0345
641WP323	65	**25**	250	No	423795	0.0357
641WP332	65	**25**	250	No	423801	0.0338
641WP333	65	**25**	200	No	423818	0.0412
641WP334	66	**10**	140	No	714992	0.0625
641WP433	65	**10**	140	No	715005	0.07
641WP434	65	**10**	120	No	715012	0.0704
641WP442	65	**10**	150	No	715029	0.0583
641WP443	65	**10**	120	No	423825	0.0632
641WP444	65	**10**	100	No	423832	0.089
641WP535	65	**1**	5	Yes	710161	0.1917

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
641WP543	65	**1**	5	Yes	715036	0.17
641WP544	65	**1**	5	Yes	715043	0.18
641WP545	65	**1**	5	Yes	710178	0.1967
641WP552	65	**1**	5	Yes	710185	0.1817
641WP553	65	**1**	5	Yes	710192	0.1858
641WP554	66	**1**	5	Yes	710208	0.1942
641WP555	65	**1**	5	Yes	710215	0.15
641WP636	66	**1**	5	Yes	710222	0.15
641WP643	66	**1**	5	Yes	715050	0.2
641WP644	66	**1**	5	Yes	715067	0.19
641WP646	66	**1**	5	Yes	710239	0.2342
641WP653	66	**1**	5	Yes	715074	0.19
641WP654	66	**1**	5	Yes	715081	0.15
641WP655	66	**1**	5	Yes	710246	0.23
641WP656	66	**1**	5	Yes	710253	0.15
641WP662	66	**1**	5	Yes	715098	0.1
641WP663	66	**1**	5	Yes	710260	0.2358
641WP664	66	**1**	5	Yes	710277	-
641WP665	66	**1**	5	Yes	710284	0.255
641WP666	65	**1**	5	Yes	710291	0.2
641WP747	66	**1**	5	Yes	710307	0.5075
641WP757	66	**1**	5	Yes	710314	0.5212
641WP763	66	**1**	5	Yes	715104	0.31
641WP764	66	**1**	5	Yes	715111	0.34
641WP765	66	**1**	5	Yes	715128	0.37
641WP766	66	**1**	5	Yes	715135	-
641WP767	66	**1**	5	Yes	715142	-
641WP772	66	**1**	5	Yes	715159	0.34
641WP773	66	**1**	5	Yes	715166	-
641WP774	66	**1**	5	Yes	710321	0.475
641WP775	66	**1**	5	Yes	710338	0.4
641WP776	66	**1**	5	Yes	710345	0.4975
641WP777	65	**1**	5	Yes	710352	0.5
641WWF3	51	**10**	100	Yes	755032	0.2558
641WWF3	52	**10**	100	Yes	755032	0.2558
641WWF3	52	**10**	100	Yes	755032	0.2558
641WWF3	111	**10**	100	Yes	755032	0.2558
641WWF4	51	**10**	100	Yes	755056	0.3263
641WWF4	52	**10**	100	Yes	755056	0.3263
641WWF4	52	**10**	100	Yes	755056	0.3263
641WWF4	111	**10**	100	Yes	755056	0.3263
641XG111	20	**50**	500	No	404893	0.0555
641XG222	20	**50**	50	No	404909	0.057
641XG223	20	**20**	200	No	404916	0.1272
641XG322	20	**20**	200	No	404923	0.112
641XG323	20	**20**	200	No	404930	0.1088
641XG332	20	**20**	200	No	404947	0.0858
641XG333	20	**20**	200	No	405098	0.0958
641XG442	20	**20**	200	No	405111	0.1298
641XG443	20	**20**	200	No	405166	0.158
641XG444	20	**20**	200	No	405234	0.1838
641XXF3	20	**10**	100	Yes	754950	0.2183
641XXF3	20	**10**	100	Yes	754950	0.2183
641XXF3	111	**10**	100	Yes	754950	0.2183
641XXF4	20	**10**	100	Yes	755049	0.3263
641XXF4	20	**10**	100	Yes	755049	0.3263
641XXF4	111	**10**	100	Yes	755049	0.3263
642PX2	45	**1**	10	No	457936	0.31
642PX3	45	**1**	10	No	457943	0.59
642PX32	45	**1**	10	No	457950	0.46
642PX4	45	**1**	10	No	457967	1.21
642QG2	121	**12**	12	Yes	416094	0.2996
642QG3	121	**12**	12	Yes	416100	0.3017
642QG32	121	**6**	6	Yes	416117	0.2558
642QG4	121	**6**	6	Yes	416124	0.4942
642QG43	121	**6**	6	Yes	416131	0.4067
642QG5	121	**3**	3	Yes	416148	1.195
642QG6	121	**3**	3	Yes	416155	1.8833
642QG7	121	**3**	3	Yes	416162	2.8667
642QK0	679	**5**	60	Yes	681133	-
642QK1	679	**5**	60	Yes	681140	-
642WG2	51	**25**	25	No	409560	0.12
642WG3	51	**25**	25	No	409577	0.196
642WG4	51	**25**	25	No	409584	0.384
642WP2	65	**25**	625	No	423849	0.0146
642WP3	65	**25**	375	No	423856	0.0295
642WP32	65	**25**	375	No	715173	0.02
642WP4	65	**10**	160	No	423863	0.0541
642WP5	65	**1**	5	Yes	710369	0.655
642WP6	65	**1**	5	Yes	710376	0.1728
642WP7	65	**1**	5	Yes	710383	0.4562
642X2	20	**25**	250	No	487063	0.0426
642X3	20	**25**	250	No	487100	0.0899
642X43	20	**25**	25	No	405937	0.2041
642XG1	20	**25**	250	No	408679	0.0528
642XG2	20	**25**	250	No	408686	0.0384
642XG23	20	**25**	250	No	408693	0.0574
642XG3	20	**25**	250	No	408709	0.0704
642XG4	20	**25**	25	No	408716	0.138
642XG43	20	**25**	25	No	408723	0.18
643-C211	82	**100**	100	No	403766	0.2608
643-C311	82	**50**	50	No	403773	0.4389
643-C418	82	25	25	No	403780	0.972
643-C518	82	10	10	No	407498	1.492
643-C620	82	1	10	No	465443	2.1385
643-C722	82	1	10	No	407504	3.3069
643-C9211	93	**25**	25	No	402622	0.28
643-C9311	93	**25**	25	No	410139	0.44
643-C9418	93	**25**	25	No	410160	0.994
643-P311	97	50	50	No	407511	0.4335

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
643-P418	97	25	25	No	407535	0.974
643-P518	97	1	10	No	407528	1.4993
643-P620	97	1	10	No	407542	2.1377
643-P722	97	1	10	No	407559	3.515
643WG2	53	**100**	100	No	409591	0.0515
643WG23	53	**50**	50	No	409393	0.094
643WG3	53	**50**	50	No	409669	0.1138
643WG32	53	**50**	50	No	409409	0.0814
643WG4	53	**25**	25	No	409683	0.2015
643WG43	53	**25**	25	No	409690	0.1412
643WG5	53	**5**	5	No	409706	0.33
643WG6	53	**5**	5	No	409713	0.468
643WG7	53	**5**	5	No	409720	1.0486
643X2	22	**100**	1000	No	481764	0.0262
643X202	22	**50**	500	No	403827	0.0442
643X208	28	**100**	100	No	403834	0.174
643X212	28	**100**	100	No	403841	0.2613
643X23	22	**50**	100	No	481771	0.04
643X3	22	**50**	500	No	481849	0.0524
643X32	22	**50**	500	No	481801	0.0528
643X34	22	**25**	250	No	403889	0.0866
643X4	22	**25**	250	No	481924	0.1048
643X43	22	**25**	250	No	403902	0.0846
643X5	22	**10**	10	No	722478	0.175
643XG1	22	**100**	1000	No	408730	0.0339
643XG2	22	**100**	1000	No	408747	0.0346
643XG23	22	**50**	500	No	408754	0.0422
643XG3	22	**50**	500	No	408761	0.0172
643XG32	22	**50**	500	No	408778	0.0622
643XG34	22	**25**	250	No	408785	0.076
643XG4	22	**25**	250	No	408792	0.1106
643XG43	22	**25**	250	No	408808	0.1132
644WG2	53	**100**	100	No	409737	0.0661
644WG23	53	**50**	50	No	409676	0.097
644WG3	53	**50**	50	No	409744	0.1471
644WG32	53	**50**	50	No	409973	0.0076
644WG4	53	**25**	25	No	409751	0.2641
644WG5	53	**5**	5	No	409775	0.354
644WG6	53	**5**	5	No	409782	0.5825
644WG7	53	**5**	5	No	409799	1.0287
644X2	23	**100**	1000	No	495273	0.0281
644X23	23	**25**	100	No	443212	0.041
644X3	23	**50**	500	No	495280	0.0569
644X32	23	**50**	500	No	482105	0.0566
644X34	23	**25**	250	No	403971	0.0756
644X4	23	**25**	250	No	482266	0.1125
644X43	23	**25**	250	No	403995	0.1064
644X5	23	**10**	10	No	722492	0.1816
644XG1	23	**100**	500	No	408815	0.0435
644XG2	23	**100**	1000	No	408822	0.036
644XG3	23	**50**	500	No	408839	0.08
644XG32	23	**50**	500	No	408846	0.0707
644XG4	23	**25**	250	No	408853	0.065
644XG43	23	**25**	250	No	408860	0.137
645PX2	46	**1**	20	No	457981	0.326
645PX3	46	**1**	20	No	457998	0.3475
645PX32	46	**1**	20	No	458001	0.2925
645PX4	46	**1**	10	No	458018	0.64
645PX42	46	**1**	10	No	458025	0.47
645PX43	46	**1**	10	No	458032	0.575
645Q2-3	122	10	10	Yes	423993	0.145
645Q3-2	122	10	10	Yes	424006	0.17
645QG2	122	**12**	12	Yes	416179	0.1433
645QG3	122	**12**	12	Yes	416186	0.2458
645QG32	122	**6**	6	Yes	416193	0.2017
645QG4	122	**6**	6	Yes	416209	0.3492
645QG43	122	**6**	6	Yes	416216	0.3058
645QG5	122	**3**	3	Yes	416223	0.9167
645QG54	122	**3**	3	Yes	416230	0.6833
645QG6	122	**3**	3	Yes	416247	1.5
645QG65	122	**3**	3	Yes	416254	1.2017
645QG7	122	**3**	3	Yes	416261	2.1167
645QG76	122	**3**	3	Yes	416278	1.8333
645QK0	679	**5**	60	Yes	681157	-
645QK1	679	**5**	60	Yes	681164	-
645QK10	679	**5**	60	Yes	681171	-
645QK2	679	**5**	60	Yes	681188	-
645QK9	679	**5**	60	Yes	681195	-
645VGC2	73	**50**	50	No	413352	0.11
645VGC2	81	**50**	50	No	413352	0.11
645VGC3	73	**50**	50	No	413383	0.215
645VGC3	81	**50**	50	No	413383	0.215
645VGC4	73	**20**	20	No	413390	0.368
645VGC4	81	**20**	20	No	413390	0.368
645WG2	52	**100**	100	No	409805	0.0635
645WG3	52	**50**	50	No	409812	0.1302
645WG32	52	**50**	50	No	409829	0.1122
645WG3P	53	**50**	50	No	404879	0.2896
645WG3P	97	**50**	50	No	404879	0.2896
645WG4	52	**25**	25	No	409836	0.2308
645WG43	52	**25**	25	No	409843	0.1929
645WG4P	53	**20**	20	No	404886	0.4777
645WG4P	97	**20**	20	No	404886	0.4777
645WGC2	52	**50**	50	No	406781	0.076
645WGC2	81	**50**	50	No	406781	0.076
645WGC3	52	**50**	50	No	406798	0.159
645WGC3	81	**50**	50	No	406798	0.159
645WGC4	52	**20**	20	No	406804	0.4737
645WGC4	81	**20**	20	No	406804	0.4737
645WGC5	52	5	5	No	450159	0.76

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
645WGC5	81	5	5	No	450159	0.76
645WGC6	52	5	5	No	450142	1.01
645WGC6	81	5	5	No	450142	1.01
645WGC7	52	5	5	No	410283	1.91
645WGC7	81	5	5	No	410283	1.91
645WGC93	52	**50**	50	No	713308	0.245
645WGC93	93	**50**	50	No	713308	0.245
645WGC94	52	**20**	20	No	713315	0.4025
645WGC94	93	**20**	20	No	713315	0.4025
645WGC95	52	10	10	No	713384	0.795
645WGC95	93	10	10	No	713384	0.795
645WP2	66	**25**	1000	No	423870	0.0121
645WP3	66	**25**	500	No	423894	0.0214
645WP32	66	**25**	500	No	423887	0.0191
645WP4	66	**10**	200	No	423917	0.0392
645WP42	66	**25**	250	No	715180	0.0322
645WP43	66	**25**	250	No	423900	0.0326
645WP5	66	**1**	5	Yes	710390	-
645WP53	66	**1**	5	Yes	710406	0.0881
645WP54	66	**1**	5	Yes	710413	0.05
645WP6	66	**1**	5	Yes	710420	0.1461
645WP63	66	**1**	5	Yes	715197	-
645WP64	66	**1**	5	Yes	715203	0.105
645WP65	66	**1**	5	Yes	710437	0.1383
645WP7	66	**1**	5	Yes	710444	0.27
645WP76	66	**1**	5	Yes	710451	0.15
645X2	21	**100**	1000	No	482365	0.0234
645X23P	22	**50**	50	No	495983	0.2009
645X23P	97	**50**	50	No	495983	0.2009
645X2G	26	**50**	50	No	482549	0.058
645X2GPK2	26	**10**	10	Yes	482549	0.0758
645X3	21	**50**	500	No	482440	0.0382
645X32	21	**50**	500	No	482402	0.0372
645X34P	22	**20**	20	No	495853	0.3074
645X34P	97	**20**	20	No	495853	0.3074
645X3G	26	**50**	50	No	482563	0.0799
645X3GPK2	26	**10**	10	Yes	482563	0.0938
645X3P	22	**50**	50	No	495945	0.2001
645X3P	97	**50**	50	No	495945	0.2001
645X4	21	**25**	250	No	482525	0.0807
645X43	21	**25**	250	No	482488	0.0711
645X43P	22	**20**	20	No	495860	0.2261
645X43P	97	**20**	20	No	495860	0.2261
645X4P	22	**20**	20	No	495846	0.1606
645X4P	97	**20**	20	No	495846	0.1606
645X5	21	**10**	10	No	722508	0.14
645X54	21	**10**	10	No	722515	0.13
645XC2	21	**50**	50	No	404152	0.0684
645XC2	81	**50**	50	No	404152	0.0684
645XC23	21	**50**	50	No	496225	0.171
645XC23	81	**50**	50	No	496225	0.171
645XC2PK2	21	**10**	10	Yes	482051	0.0908
645XC2PK2	81	**10**	10	Yes	482051	0.0908
645XC3	21	**50**	50	No	404169	0.1267
645XC3	81	**50**	50	No	404169	0.1267
645XC34	21	**20**	20	No	496119	0.2989
645XC34	81	**20**	20	No	496119	0.2989
645XC3PK2	21	**10**	10	Yes	482136	0.1493
645XC3PK2	81	**10**	10	Yes	482136	0.1493
645XC4	21	**20**	20	No	404176	0.2025
645XC4	81	**20**	20	No	404176	0.2025
645XC43	21	**20**	20	No	496201	0.2036
645XC43	81	**20**	20	No	496201	0.2036
645XC923	22	25	25	No	713711	0.214
645XC923	93	25	25	No	713711	0.214
645XC93	22	**50**	50	No	712363	0.142
645XC93	93	**50**	50	No	712363	0.142
645XC94	22	**20**	20	No	712370	0.2125
645XC94	93	**20**	20	No	712370	0.2125
645XCM2	21	**50**	50	No	457042	0.06
645XCM2	81	**50**	50	No	457042	0.06
645XG1	21	**100**	1000	No	408877	0.0211
645XG12	21	**50**	500	No	408884	0.0267
645XG2	21	**100**	1000	No	408891	0.0268
645XG3	21	**50**	500	No	408907	0.048
645XG32	21	**50**	500	No	408914	0.0415
645XG4	21	**25**	250	No	408921	0.0808
645XG43	21	**25**	250	No	408938	0.07
645XGC2	21	**50**	50	No	728579	0.072
645XGC2	81	**50**	50	No	728579	0.072
645XGC3	21	**50**	50	No	728586	0.14
645XGC3	81	**50**	50	No	728586	0.14
645XGC4	21	**20**	20	No	728593	0.2175
645XGC4	81	**20**	20	No	728593	0.2175
646-C4308	87	**25**	25	No	496836	0.5361
646-CG2	82	**50**	50	No	406897	0.0925
646-CG2PK1	82	**25**	25	Yes	416728	0.0941
646-CG3	82	**50**	50	No	406903	0.1608
646-CG318	87	**25**	25	No	415608	0.786
646-CG318FP	87	**10**	10	No	415363	1.37
646-CG4	82	**20**	20	No	406910	0.0618
646-CG5	82	10	10	No	101297	0.535
646-CG6	82	10	10	No	101358	0.665
646-CG7	82	10	10	No	101402	1.16
646-CG92	93	**50**	50	No	458285	0.146
646-CG93	93	**50**	50	No	458292	0.223
646-CG94	93	**20**	20	No	733177	0.3925
646-CG95	93	10	10	No	708502	0.7
646-CG96	93	10	10	No	708519	0.805
646-CG97	93	10	10	No	708526	1.22

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
646-GP4312FD	112	**25**	25	No	412232	1.509
646-GP4412FD	112	**25**	25	No	412256	2.124
646-PG3	98	**50**	50	No	407177	0.276
646-PG4	98	**20**	20	No	407191	0.4165
646-PG5	98	10	10	No	404503	0.71
646-PG6	98	10	10	No	404527	0.795
646-PG7	98	10	10	No	404541	1.22
646PX2	47	**1**	10	No	458049	0.166
646PX23	47	**1**	10	No	458056	0.665
646PX3	47	**1**	10	No	458063	0.65
646PX32	47	**1**	10	No	458070	0.58
646PX4	47	**1**	10	No	458087	1.18
646QG2	123	**12**	12	Yes	416285	0.1333
646QG3	123	**12**	12	Yes	416292	0.2
646QG32	123	**6**	6	Yes	416308	0.2042
646QG34	123	**6**	6	Yes	416315	0.2883
646QG4	123	**6**	6	Yes	416322	0.2883
646QG5	123	**3**	3	Yes	416339	0.7867
646QG6	123	**3**	3	Yes	416346	1.0683
646QG7	123	**3**	3	Yes	416353	1.4833
646QK0	679	**5**	60	Yes	681218	-
646QK01	679	**5**	60	Yes	681225	-
646QK1	679	**5**	60	Yes	681232	-
646QK10	679	**5**	60	Yes	681249	-
646QK12	679	**5**	60	Yes	681256	-
646QK2	679	**5**	60	Yes	681263	-
646QK20	679	**5**	60	Yes	681270	-
646QK21	679	**5**	60	Yes	681287	-
646QK80	679	**5**	60	Yes	681294	-
646QK81	679	**5**	60	Yes	681300	-
646WG2	54	**100**	100	No	409850	0.1212
646WG3	54	**25**	25	No	409867	0.1883
646WG32	54	**25**	25	No	409874	0.184
646WG34	54	**25**	25	No	409881	0.226
646WG4	54	**25**	25	No	409898	0.2987
646WG43	54	**25**	25	No	409904	0.326
646WG5	54	**5**	5	No	409911	0.654
646WG6	54	**5**	5	No	409928	0.89
646WG7	54	**5**	5	No	409935	1.8665
646WP2	67	**25**	800	No	423924	0.0162
646WP3	67	**25**	500	No	423931	0.028
646WP32	67	**10**	400	No	423986	0.024
646WP3PK2	67	**10**	10	Yes	422972	0.055
646WP4	67	**10**	200	No	715210	0.0522
646XG2	23	**100**	100	No	406958	0.085
646XG23	23	**50**	50	No	408945	0.088
646XG3	23	**25**	250	No	406972	0.1012
646XG32	23	**50**	50	No	406989	0.128
646XG34	23	**25**	25	No	406996	0.148
646XG4	23	**50**	50	No	407054	0.206
646XG43	23	**50**	50	No	408952	0.2739
647-C3E	83	**25**	25	No	407566	0.4312
647-C4E	83	**10**	10	No	407573	0.7242
647-CG2	82	**50**	50	No	406927	0.1073
647-CG2E3	83	**50**	50	No	415530	0.3414
647-CG2E3PK1	83	**10**	10	Yes	415547	0.341
647-CG2PK1	82	**25**	25	Yes	416742	0.1021
647-CG3	82	**50**	50	No	406934	0.164
647-CG4	82	**20**	20	No	406941	0.4251
647-CG5	82	10	10	No	101419	0.555
647-CG6	82	10	10	No	101426	0.1266
647-CG7	82	10	10	No	404442	0.2122
647-CG92	94	**50**	50	No	458308	0.15
647-CG93	94	**50**	50	No	458315	0.253
647-CG94	94	20	20	No	733184	0.3875
647-CG95	94	10	10	No	708533	0.59
647-CG96	94	10	10	No	708557	0.765
647-CG97	94	10	10	No	708564	0.925
647-PG3	98	**50**	50	No	407245	0.292
647-PG4	98	**20**	20	No	407252	0.4276
647-PG5	98	10	10	No	404688	0.58
647-PG6	98	10	10	No	406224	0.745
647-PG7	98	10	10	No	406491	0.94
647QG2	124	**12**	12	Yes	416360	0.1458
647QG2E3	124	**6**	6	Yes	416377	0.2458
647QG3	124	**12**	12	Yes	416384	0.2408
647QG32	124	**6**	6	Yes	416391	0.2042
647QG34	124	**6**	6	Yes	416407	0.2908
647QG4	124	**12**	12	Yes	416414	0.3217
647QG43	124	**6**	6	Yes	416421	0.2533
647QG5	124	**3**	3	Yes	416438	0.7933
647QG6	124	**3**	3	Yes	416445	1.11
647QG7	124	**3**	3	Yes	416452	1.5683
647QK0	680	**5**	60	Yes	681317	-
647WG2	54	**50**	50	No	409942	0.1391
647WG23	54	**50**	50	No	409959	0.1684
647WG2E3	55	**50**	50	No	416698	0.2
647WG3	54	**50**	50	No	409966	0.196
647WG32	54	**25**	25	No	409607	0.198
647WG4	54	**25**	25	No	409980	0.4363
647WG43	54	**25**	25	No	409997	0.386
647WG5	54	**5**	5	No	410016	0.5503
647WG6	54	**5**	5	No	410030	0.8236
647WG7	54	**5**	5	No	410535	1.6813
647X23E	24	**50**	50	No	482938	0.2462
647XG2	23	**50**	250	No	407092	0.0798
647XG21E3	24	**25**	25	No	445346	0.238
647XG23PK2	23	**10**	10	Yes	407115	0.2129
647XG2E3	24	**50**	50	No	710000	0.194
647XG3	23	**50**	50	No	407139	0.109

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
647XG4	23	**50**	50	No	407153	0.25
648-3PRV	209	**1**	6	No	722836	-
648-3PRVD	209	**1**	6	No	722843	-
648-3SM	111	**5**	5	Yes	713070	-
648-3SM	112	**5**	5	Yes	713070	-
648-3SM	209	**5**	5	Yes	713070	-
648-3SMARX	30	**6**	6	Yes	726421	0.993
648-3SMARX	58	**6**	6	Yes	726421	0.993
648-3SMARX	113	**6**	6	Yes	726421	0.993
648-3SW	58	**5**	5	Yes	735706	0.6
648-3SW	111	**5**	5	Yes	735706	0.6
648-3SW	112	**5**	5	Yes	735706	0.6
648-3SX	30	**5**	5	No	735195	0.58
648-3SX	111	**5**	5	No	735195	0.58
648-3SX	112	**5**	5	No	735195	0.58
648-4PRV	209	**1**	6	No	722850	-
648-4PRVD	209	**1**	6	No	722867	-
648-4SM	111	**5**	5	Yes	752765	0.988
648-4SM	112	**5**	5	Yes	752765	0.988
648-4UD	175	**5**	5	Yes	760012	0.9546
648-ARW	57	**6**	6	Yes	726285	0.3
648-ARW	58	**6**	6	Yes	726285	0.3
648-ARW	113	**6**	6	Yes	726285	0.3
648-ARX	30	**6**	6	Yes	726278	-
648-ARX	113	**6**	6	Yes	726278	-
648-CG2FP	87	**10**	10	No	411921	0.7025
648-CG2FPD	87	**10**	10	No	412058	0.536
648-CG3FP	87	**10**	10	No	412102	1.0427
648-CG3FPD	87	**10**	10	No	412119	0.8972
648-CG4FP	87	**10**	10	No	412126	1.21
648-CG4FPD	87	**10**	10	No	412133	1.525
648-CG5FP	87	5	5	No	412140	2.7914
648-CG6FP	87	**1**	1	No	412157	4.3159
648-CG7FP	87	**1**	1	No	412164	6.6868
648-CGS3CRV	113	**6**	6	Yes	758484	0.993
648-PG3FP	99	**10**	10	No	415288	0.9502
648-PG4FP	99	**10**	10	No	423597	1.48
648-PG5FP	99	10	10	No	423580	2.8758
648-PG6FP	99	**1**	1	No	423573	3.9
648-PG7FP	99	**1**	1	No	415271	5.52
648QG2	128	**12**	12	Yes	416469	0.4208
648QG3	128	**12**	12	Yes	416490	0.681
648QG4	128	**6**	6	Yes	416506	1.1542
648VG2FP	74	**10**	10	No	412997	0.59
648VG3FP	74	**10**	10	No	413000	0.86
648VG4FP	74	**10**	10	No	413017	1.48
648WG-2	59	**6**	108	Yes	406446	0.2986
648WG2FPD	58	**10**	10	No	423054	0.5381
648WG2FPPK1	58	**10**	100	Yes	412362	0.2947
648WG-3	59	**6**	72	Yes	406552	0.4889

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
648-WG3CR	58	**6**	6	Yes	724458	1.0083
648-WG3CR	113	**6**	6	Yes	724458	1.0083
648WG3FPD	58	**6**	6	No	423115	0.925
648WG3FPPK1	58	**10**	100	Yes	412379	0.4334
648-WG3HR	113	**6**	6	Yes	724465	0.9417
648-WG3WR	58	**6**	6	Yes	724472	0.9583
648-WG3WR	113	**6**	6	Yes	724472	0.9583
648WG3WRV	58	6	6	Yes	723659	0.1625
648WG-4	59	**6**	36	Yes	406583	0.7611
648WG4FPPK1	58	12	60	Yes	412348	0.7779
648WG5FP	58	**5**	5	No	415714	2.025
648WG6FP	58	**1**	1	No	415721	3.31
648WG7FP	58	**1**	1	No	415738	5.91
648-WMG3WR	58	6	6	Yes	758422	1.034
648XG2	30	10	120	No	406866	0.2729
648XG2FA	589	**5**	60	No	202734	0.1662
648XG2FPD	30	**5**	30	No	445124	0.3083
648XG2PK	30	**10**	10	Yes	412966	0.232
648XG3	30	8	96	No	406873	0.2896
648-XG3CR	30	**6**	6	Yes	724489	0.95
648-XG3CR	113	**6**	6	Yes	724489	0.95
648XG3FPD	30	**5**	30	No	445100	0.45
648-XG3HR	30	**6**	6	Yes	724496	-
648-XG3HR	113	**6**	6	Yes	724496	-
648XG3PK	30	**10**	10	Yes	412973	0.3235
648-XG3XR	113	**6**	6	Yes	724502	0.9167
648XG3XRV	30	6	6	Yes	723642	0.9153
648XG4	30	4	40	No	406880	0.6763
648XG4PK	30	**6**	6	Yes	412980	0.7265
648XG4XRV	30	6	6	Yes	758439	1.1023
649TX2	19	**100**	1000	No	407603	0.0064
649TX2	45	**100**	1000	No	407603	0.0064
649TX3	19	**100**	500	No	407948	0.0095
649TX3	45	**100**	500	No	407948	0.0095
649TX4	19	**25**	250	No	407955	0.0174
649TX4	45	**25**	250	No	407955	0.0174
649WP2	51	**50**	1000	No	729347	0.0072
649WP2	65	**50**	1000	No	729347	0.0072
649WP3	51	**50**	500	No	729354	0.0129
649WP3	65	**50**	500	No	729354	0.0129
649WP4	51	**25**	250	No	729415	0.0238
649WP4	65	**25**	250	No	729415	0.0238
649WP5	51	**10**	10	No	710468	0.52
649WP5	65	**10**	10	No	710468	0.52
649WP6	51	**10**	10	No	710475	0.052
649WP6	65	**10**	10	No	710475	0.052
649WP7	51	**10**	10	No	710482	0.136
649WP7	65	**10**	10	No	710482	0.136
649X1	19	**100**	1000	No	483522	0.0111
649X1	45	**100**	1000	No	483522	0.0111

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
649X2	19	**100**	1000	No	495327	0.0127
649X2	45	**100**	1000	No	495327	0.0127
649X3	19	**100**	500	No	495334	0.0178
649X3	45	**100**	500	No	495334	0.0178
649X4	19	**25**	250	No	483645	0.024
649X4	45	**25**	250	No	483645	0.024
649X5	19	**25**	250	No	495457	0.0453
649X6	19	**25**	250	No	495372	0.0786
649X7	19	**10**	200	No	725646	0.1322
649Y1PK1	19	1	200	Yes	706454	0.0625
649Y1PK1	45	1	200	Yes	706454	0.0625
649Y2	19	1	20	Yes	706478	0.9675
649Y2	45	1	20	Yes	706478	0.9675
649Y3	19	1	10	Yes	706492	1.57
649Y3	45	1	10	Yes	706492	1.57
649Y4PK1	19	**10**	100	Yes	706508	0.2615
649Y4PK1	45	**10**	100	Yes	706508	0.2615
652-A	141	1	16	No	107527	0.609
652-AC	141	1	16	No	106780	0.698
652-AD	143	1	16	No	109668	0.652
652-AS	141	1	16	No	107022	0.6997
652-AWG	142	1	16	No	423122	0.6232
652-AX	142	1	16	No	430311	0.5645
653-B	141	1	16	No	107534	0.7912
653-BC	141	1	16	No	154101	0.8193
653-BS	141	1	16	No	107053	0.8445
653-BWG	142	1	16	No	422798	0.8472
653-BX	142	1	16	No	430328	0.7294
654-C	141	1	16	No	107541	1.03
654-CC	141	1	16	No	154118	1.05
654-CS	141	1	16	No	107084	1.0344
654-CWG	142	1	16	No	423139	1.1031
654-CX	142	1	16	No	404466	0.9941
655-D	141	1	4	No	107558	2.0476
655-DS	141	1	4	No	107114	2.1239
656-E	141	1	4	No	107121	2.3756
656-ES	141	1	4	No	107145	2.4422
657-F	141	1	4	No	107152	2.7856
657-FD	143	1	4	No	109675	2.7856
657-FS	141	1	4	No	107176	2.9875
658-1503	142	**1**	1	No	107268	17.11
658-2002	142	**1**	1	No	107336	17.99
658-2004	142	**1**	1	No	107350	18.636
658-4004	142	**1**	1	No	107411	30.9261
658-4004F2	142	**1**	1	No	107435	32.6249
658S2002	142	**1**	1	No	107503	20.5
658S2004F2	142	**1**	1	No	107510	29.4572
658S4004F2	142	**1**	1	No	107565	41.3
660-G2	139	**6**	6	Yes	154316	0.3821
660-G2B	139	**50**	50	No	407832	0.143
660-GTC0	140	**6**	6	Yes	415103	0.3625
660-GTC0B	140	**25**	25	No	415110	0.2748
660-GTC1	140	**6**	6	Yes	415127	0.4575
660-GTC1B	140	**25**	25	No	415134	0.296
660-GTR	140	**6**	6	Yes	154330	0.5917
660-GTR0	140	**6**	6	Yes	415141	0.28
660-GTR0B	140	**25**	25	No	415158	0.28
660-GTR1	140	**6**	6	Yes	154347	0.5333
660-GTR1B	140	**25**	25	No	407849	0.4452
660-GTRB	140	**25**	25	No	407856	0.5107
660-GTW2B	140	**25**	25	No	415790	0.3094
660-GTX2	140	**6**	6	Yes	415165	0.468
660-GTX2B	140	**25**	25	No	413123	0.416
660-GVPX2B	139	50	50	No	415196	0.31
660-H	139	**6**	6	Yes	106605	0.7005
660-HB	139	**25**	25	No	106070	0.396
660-HPK2	139	**20**	20	Yes	707925	0.8025
660-S	139	**6**	6	Yes	106773	0.3275
660-SB	139	**50**	50	No	106094	0.2409
660-TK	139	**6**	6	Yes	106162	0.55
660-TKB	139	**25**	25	No	106186	0.4873
660-TS	139	25	25	No	106230	0.2834
660-TS8	139	25	25	No	106247	0.546
660-TS88	139	25	25	No	106254	0.7332
660-TSWG	139	**25**	25	No	462411	0.3519
660-TSWG8	139	25	25	No	400093	0.59
660-TSX	139	25	25	No	109835	0.4465
660-TSX88	139	25	25	No	109828	0.7954
660-V82B	139	**50**	50	No	490759	0.1614
660-WG2B	139	**50**	50	No	406811	0.2257
660-X2B	139	**50**	50	No	106315	0.1605
663-05810HS	134	**1**	1	No	710925	7.65
663-05810SS	133	**1**	1	No	711267	8.55
663-05812HS	133	**1**	1	No	710758	8.15
663-05812SS	133	**1**	1	No	711090	8.35
663-05834SS	133	**1**	1	No	711182	10.7
663-05838HS	133	**1**	1	No	710673	8.1
663-05838SS	133	**1**	1	No	711014	9.4
663-07810HS	134	**1**	1	No	710932	9.05
663-07810SS	133	**1**	1	No	711274	9.55
663-07812HS	133	**1**	1	No	710772	7.05
663-07812SS	133	**1**	1	No	711113	10.15
663-07834SS	133	**1**	1	No	711199	10.4
663-07838HS	133	**1**	1	No	710680	6.95
663-07838SS	133	**1**	1	No	711021	7.3
663-11810HS	134	**1**	1	No	710949	9.2
663-11810SS	133	**1**	1	No	711281	9.85
663-11812SS	133	**1**	1	No	711120	7.7
663-11834SS	133	**1**	1	No	711205	8.7
663-11838HS	133	**1**	1	No	710697	7.1

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
663-11838SS	133	**1**	1	No	711038	7.7	**664X6W20**	11	**1**	1	No	422231	59.1992
663-13810SS	133	**1**	1	No	711298	10.2	**664XA2B10**	14	**1**	1	Yes	757074	13.456
663-13812SS	133	**1**	1	No	711137	8.05	**664XA2B20**	14	**1**	1	No	752529	26.6845
663-13834SS	133	**1**	1	No	711212	9.45	**664XA2B5M**	13	**20**	20	Yes	747303	0.2691
663-13838HS	133	**1**	1	No	710703	7.4	**664XA2R10**	14	**1**	1	Yes	757043	13.456
663-13838SS	133	**1**	1	No	711045	7.8	**664XA2R20**	14	**1**	1	No	752550	26.6845
663-15810SS	133	**1**	1	No	711304	9.9	**664XA2R5M**	13	**20**	20	Yes	747310	0.2691
663-15812SS	133	**1**	1	No	711144	8.2	**664XA2W20**	14	**1**	1	No	752543	26.6845
663-15834SS	133	**1**	1	No	711229	10	**664XA2W5M**	13	**20**	20	Yes	758736	0.2691
663-15838SS	133	**1**	1	No	711052	7.8	**664XA3B10**	14	**1**	1	Yes	757067	25.5783
663-21810SS	133	**1**	1	No	711311	9.8	**664XA3B20**	14	**1**	1	No	752567	29.751
663-21812SS	133	**1**	1	No	711151	7.9	**664XA3B5M**	13	**10**	10	Yes	747327	0.5111
663-21834SS	133	**1**	1	No	711236	8.55	**664XA3H20**	15	**1**	1	No	755353	30.636
663-21838SS	133	**1**	1	No	711069	6.7	**664XA3R10**	14	**1**	1	Yes	757050	25.5783
663-23810SS	133	**1**	1	No	711328	9.85	**664XA3R20**	14	**1**	1	No	752574	29.751
663-23812SS	133	**1**	1	No	711168	7.75	**664XA3R5M**	13	**10**	10	Yes	747334	0.5111
663-23834SS	133	**1**	1	No	711243	7.65	**664XA3W20**	14	**1**	1	No	752581	29.751
663-25812SS	133	**1**	1	No	711175	7.85	**664XA3W5M**	13	**10**	10	Yes	758743	0.5111
663-25838SS	133	**1**	1	No	711076	7.95	**664XA4H20**	15	**1**	1	No	755377	36
663-31212SS	133	**1**	1	No	714763	7.75	**664XA4W20**	14	**1**	1	No	753069	33.11
664X0W5M	11	**50**	50	Yes	703781	0.136	**664XA4W5M**	13	**5**	5	Yes	757517	0.52
664X1W5M	11	**50**	50	Yes	703804	0.218	**664XA5W20**	14	**1**	1	No	713599	-
664X2B10	11	**1**	1	No	455390	28	**664XA6W20**	14	**1**	1	No	713544	56
664X2B20	11	**1**	1	No	421425	55	**664XA7W20**	14	**1**	1	No	204769	60
664X2B5M	11	**25**	25	Yes	703866	0.284	**665X0W100**	12	**1**	1	Yes	444936	3
664X2R10	11	**1**	1	No	455406	28	**665X1W100**	12	**1**	1	Yes	444929	4
664X2R20	11	**1**	1	No	421418	55	**665X2B100**	12	**1**	1	Yes	421524	6
664X2R5M	11	**25**	25	Yes	703859	0.56	**665X2B1000**	12	**1**	1	Yes	421616	55
664X2W10	11	**1**	1	No	455413	28	**665X2B300**	12	**1**	1	Yes	421555	16.5
664X2W20	11	**1**	1	No	421432	55	**665X2B500**	12	**1**	1	Yes	421586	28
664X2W5M	11	**25**	25	Yes	705747	0.278	**665X2H100**	13	**1**	1	Yes	418074	6.29
664X3B10	11	**1**	1	No	455420	26	**665X2H1000**	13	**1**	1	Yes	206411	54.892
664X3B20	11	**1**	1	No	421456	53	**665X2H1200**	13	**1**	1	Yes	703842	64.15
664X3B5M	11	**10**	10	Yes	703873	0.106	**665X2H300**	13	**1**	1	Yes	102539	16.4676
664X3H20	13	**1**	1	No	439154	26	**665X2H500**	13	**1**	1	Yes	458261	27.446
664X3R10	11	**1**	1	No	455437	26	**665X2R100**	12	**1**	1	Yes	421517	6
664X3R20	11	**1**	1	No	421449	55	**665X2R1000**	12	**1**	1	Yes	421609	55
664X3R5M	11	**10**	10	Yes	703903	0.535	**665X2R300**	12	**1**	1	Yes	421548	16.5
664X3W10	11	**1**	1	No	455444	26	**665X2R500**	12	**1**	1	Yes	421579	28
664X3W20	11	**1**	1	No	421463	54	**665X2W100**	12	**1**	1	Yes	421531	6
664X3W5M	11	10	10	Yes	705778	0.54	**665X2W1000**	12	**1**	1	Yes	421623	55
664X4B10	11	**1**	1	No	712035	26	**665X2W300**	12	**1**	1	Yes	421562	16.5
664X4B20	11	**1**	1	No	421487	52	**665X2W500**	12	**1**	1	Yes	421593	28
664X4H20	13	**1**	1	No	102874	18	**665X3B100**	12	**1**	1	Yes	421647	11
664X4R10	11	**1**	1	No	712042	25.5	**665X3B300**	12	**1**	1	Yes	421678	31.99
664X4R20	11	**1**	1	No	421470	51	**665X3B500**	12	**1**	1	Yes	421708	53
664X4W10	11	**1**	1	No	102898	26.36	**665X3H100**	13	**1**	1	Yes	418081	13.9
664X4W20	11	**1**	1	No	421494	51.9	**665X3H300**	13	**1**	1	Yes	443366	31.5
664X4W5M	11	**10**	10	Yes	703828	0.895	**665X3H500**	13	1	1	Yes	703262	51
664X5W20	11	**1**	1	No	421500	51.24	**665X3R100**	12	**1**	1	Yes	421630	11

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
665X3R300	12	**1**	1	Yes	421661	31.99	**665XA3B100**	14	**1**	1	Yes	747402	10.2043
665X3R500	12	**1**	1	Yes	421692	53	**665XA3B25**	14		1	No	748010	2.558
665X3W100	12	**1**	1	Yes	421654	11.9	**665XA3B300**	15	**1**	1	Yes	747426	30.705
665X3W300	12	**1**	1	Yes	421685	32.99	**665XA3B500**	15	**1**	1	Yes	754233	51.0216
665X3W500	12	**1**	1	Yes	421715	53	**665XA3H100**	15	**1**	1	Yes	755223	11
665X4B100	12	**1**	1	Yes	421739	17.2	**665XA3H1000**	16	**1**	1	Yes	755254	102
665X4B300	12	**1**	1	Yes	421760	51.6	**665XA3H300**	16	**1**	1	Yes	755230	31.5
665X4B500	12	**1**	1	Yes	421791	86	**665XA3H500**	16	**1**	1	Yes	755247	51
665X4H100	13	1	1	Yes	455130	19.0225	**665XA3N100**	14	**1**	1	Yes	417688	9.5586
665X4H300	13	**1**	1	Yes	703750	52	**665XA3N250**	14	**1**	1	Yes	417725	23.8964
665X4H500	13	1	1	Yes	444394	86	**665XA3R100**	14	**1**	1	Yes	747433	10.2043
665X4R100	12	**1**	1	Yes	421722	17.2	**665XA3R25**	14		1	No	748027	2.558
665X4R300	12	**1**	1	Yes	421753	51.6	**665XA3R300**	15	**1**	1	Yes	747457	30.706
665X4R500	12	**1**	1	Yes	421784	86	**665XA3R500**	15	**1**	1	Yes	754257	51.0216
665X4W100	12	**1**	1	Yes	421746	17.2	**665XA3W100**	14	**1**	1	Yes	753939	10.2043
665X4W300	12	**1**	1	Yes	421777	51.6	**665XA3W25**	14	**1**	1	Yes	754912	2.65
665X4W500	12	**1**	1	Yes	421807	84	**665XA3W300**	15	**1**	1	Yes	753946	30.705
665X5W100	12	**1**	1	Yes	455635	25	**665XA3W500**	15	**1**	1	Yes	754264	51.0216
665X5W300	12	**1**	1	Yes	463128	75	**665XA4B100**	14	**1**	1	Yes	754349	17.2
665X6W100	12	**1**	1	Yes	457264	37	**665XA4B300**	15	**1**	1	Yes	754370	51.6
665X6W300	12	**1**	1	Yes	455642	106.2	**665XA4H100**	15	**1**	1	Yes	755261	19.0225
665X8W100	12	**1**	1	Yes	457462	5.5	**665XA4H300**	16	**1**	1	Yes	755285	52
665X9H100	13	**1**	1	Yes	703767	8.1	**665XA4H500**	16	**1**	1	Yes	755292	86
665X9H1000	13	**1**	1	Yes	444486	76.8	**665XA4N100**	14	**1**	1	Yes	417695	17.5
665X9H300	13	**1**	1	Yes	703774	24.2	**665XA4R100**	14	**1**	1	Yes	754356	17.2
665X9H500	13	**1**	1	Yes	703552	39.7325	**665XA4R300**	15	**1**	1	Yes	754387	51.6
665XA2B100	14	**1**	1	Yes	747341	5.3595	**665XA4W100**	14	**1**	1	Yes	753540	17.5
665XA2B1000	15	**1**	1	Yes	754134	53.95	**665XA4W25**	14	**1**	1	Yes	753564	4.3
665XA2B25	14	**1**	1	Yes	747358	1.3462	**665XA4W300**	15	**1**	1	Yes	754332	51.6
665XA2B300	15	**1**	1	Yes	747365	16.059	**665XA9H100**	15	**1**	1	Yes	755117	8.1
665XA2B500	15	**1**	1	Yes	754110	26.975	**665XA9H1000**	16	**1**	1	Yes	755339	80
665XA2H100	15	**1**	1	Yes	755094	5.52	**665XA9H300**	16	**1**	1	Yes	755315	24.2
665XA2H1000	16	**1**	1	Yes	755216	55.164	**665XA9H500**	16	**1**	1	Yes	755322	39.7325
665XA2H300	16	**1**	1	Yes	755209	16.4676	**672PX0290**	47	**5**	20	Yes	705549	0.0625
665XA2H500	16	**1**	1	Yes	755100	27.48	**672PX0299**	48	**5**	230	Yes	705570	0.0463
665XA2N100	14	**1**	1	Yes	417671	4.8959	**672PX0390**	47	**10**	230	Yes	705556	0.0585
665XA2N1000H	16	**1**	1	Yes	205230	55.164	**672PX0399**	48	**10**	170	Yes	705587	0.0676
665XA2N250	14	**1**	1	Yes	417701	13.225	**672PX0490**	47	**5**	160	Yes	705563	0.0766
665XA2N300H	16	**1**	1	Yes	410436	18	**672PX0499**	48	**10**	160	Yes	705594	0.0862
665XA2N500	15	**1**	1	Yes	417763	26.45	**672Q0490**	129	10	10	Yes	410696	1.186
665XA2R100	14	**1**	1	Yes	747389	5.3595	**672Q0499**	129	10	10	Yes	410719	1.295
665XA2R1000	15	**1**	1	Yes	754165	53.95	**672Q0590**	129	10	10	Yes	410702	1.417
665XA2R25	14	**1**	1	Yes	747396	1.3465	**672Q0599**	129	10	10	Yes	410726	1.583
665XA2R300	15	**1**	1	Yes	747372	16.149	**672Q0690**	129	10	10	Yes	410689	1.6105
665XA2R500	15	**1**	1	Yes	754158	26.975	**672Q0699**	129	10	10	Yes	410733	1.737
665XA2W100	14	**1**	1	Yes	753878	5.3595	**672WG0240**	63	1	10	Yes	407412	0.461
665XA2W1000	15	**1**	1	Yes	754196	53.95	**672WG0340**	63	1	10	Yes	407405	0.6952
665XA2W25	14	**1**	1	Yes	754769	1.3462	**672WG03C0**	63	10	10	Yes	412300	1.033
665XA2W300	15	**1**	1	Yes	753892	16.059	**672WG0430**	62	1	10	Yes	412874	1.1217
665XA2W500	15	**1**	1	Yes	754172	26.975	**672WG0440**	63	1	10	Yes	407337	0.844

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672WG0490	62	10	10	Yes	429551	0.416	**672X03C0**	39	10	10	No	499561	0.7305
672WG0499	62	10	10	Yes	457189	1.245	**672X0430**	36	25	25	No	405074	0.7324
672WG04C0	63	10	10	Yes	412294	1.2053	**672X0431PK**	36	**5**	5	Yes	480729	1.078
672WG0630	62	1	10	Yes	411938	1.5376	**672X0433EE**	37	10	10	No	405081	1.1682
672WG0640	63	1	10	Yes	407368	1.074	**672X0440**	37	25	25	No	406071	0.8368
672WG0690	62	10	10	Yes	457196	1.36	**672X0442**	38	1	10	Yes	499677	0.9478
672WG0699	62	10	10	Yes	457219	1.565	**672X0470**	35	10	10	No	498175	0.7003
672WG06C0	63	10	10	Yes	412287	1.3748	**672X0477**	36	10	10	No	497826	0.7003
672WG0830	62	1	10	Yes	411884	2.0439	**672X0480**	35	25	25	No	457424	0.626
672WG0840	63	1	10	Yes	407375	2.0465	**672X0490**	34	25	25	No	480323	0.6448
672WG0890	62	10	10	Yes	457226	1.515	**672X0490PK**	34	**5**	5	Yes	402059	0.6951
672WG0899	62	10	10	Yes	457233	1.89	**672X0497**	35	10	10	No	497819	0.7003
672WG08C0	63	10	10	Yes	412270	2.1491	**672X0499**	34	25	25	No	480125	0.6448
672WG1040	63	1	10	Yes	407382	1.69	**672X0499PK**	34	**6**	6	Yes	420602	0.885
672WG1240	63	1	4	Yes	407399	2.006	**672X04C0**	39	10	10	No	499233	0.8368
672WGT0390	64	**10**	100	Yes	443977	0.01	**672X0590**	34	25	25	No	405128	0.8035
672WGT0399	64	**10**	100	Yes	456595	0.475	**672X0599**	34	25	25	No	405135	0.7935
672WGT0490	64	**10**	100	Yes	458247	0.451	**672X05C0**	39	10	10	No	499219	0.9398
672WGT0499	64	**10**	100	Yes	458254	0.495	**672X0630**	36	25	25	No	405142	1.0048
672WP0299	68	**10**	140	Yes	710505	0.0661	**672X0633EE**	37	10	10	No	405159	1.4066
672WP0390	68	**10**	140	Yes	710512	0.0861	**672X0640**	37	25	25	No	406095	0.976
672WP0399	68	**10**	140	Yes	710529	0.0882	**672X0644**	37	25	25	No	406101	1.2257
672WP0470	68	**10**	100	Yes	715265	0.1385	**672X0670**	35	10	10	No	497987	0.9464
672WP0477	68	**10**	100	Yes	715272	0.1495	**672X0677**	36	10	10	No	497833	0.9418
672WP0490	68	**10**	100	Yes	710536	0.111	**672X0690**	34	25	25	No	480361	0.8958
672WP0499	68	**10**	100	Yes	710543	0.111	**672X0690PK**	34	**5**	5	Yes	402073	0.9876
672WP0670	68	**10**	60	Yes	715289	0.2042	**672X0697**	35	10	10	No	497802	0.9464
672WP0677	68	**10**	60	Yes	715296	0.2175	**672X0698**	35	25	25	No	457417	0.92
672WP0690	68	**10**	60	Yes	710550	0.1542	**672X0699**	34	25	25	No	405180	0.8958
672WP0699	68	**10**	60	Yes	710567	0.1683	**672X0699PK**	34	**6**	6	Yes	480163	0.974
672WPT0399	68	**10**	10	Yes	715302	0.1075	**672X06C0**	39	10	10	No	499127	1.0665
672WPT0499	68	**10**	10	Yes	715319	0.095	**672X0790**	34	25	25	No	405197	0.788
672WPT0699	68	**10**	10	Yes	715326	0.1392	**672X0830**	36	25	25	No	405203	1.2822
672WV0230	62	1	10	Yes	407726	1.1797	**672X0833EE**	37	10	10	No	405210	1.7579
672WV0330	62	1	10	Yes	407719	1.694	**672X0840**	37	25	25	No	406118	1.3394
672WV0430	62	1	10	Yes	407702	2.8388	**672X0844**	37	25	25	No	406125	1.4826
672WV0444	63	1	10	Yes	411211	1.67	**672X0870**	35	10	10	No	497932	1.1901
672WV0630	62	1	10	Yes	407696	2.9185	**672X0877**	36	10	10	No	497864	1.2691
672WV0644	63	1	10	Yes	411228	2.36	**672X0890**	34	25	25	No	405227	1.1901
672WV0830	62	1	10	Yes	407689	5.1138	**672X0897**	35	10	10	No	497765	1.1901
672WV0844	63	1	10	Yes	411235	3.551	**672X0899**	34	25	25	No	480187	1.1901
672WV1030	62	1	10	Yes	407672	4.47	**672X08C0**	39	10	10	No	498830	1.3773
672WV1044	63	1	10	Yes	411242	4.6911	**672X0930**	36	25	25	No	405241	1.4109
672WV1230	62	1	4	Yes	407429	5.176	**672X0990**	34	25	25	No	405258	1.2998
672X0242	38	1	10	Yes	499653	0.639	**672X0999**	34	25	25	No	405265	1.2998
672X0330	36	25	25	No	400772	0.6592	**672X1033EE**	37	10	10	No	405272	2.0149
672X0342	38	1	10	Yes	499660	0.8061	**672X1090**	34	25	25	No	405289	1.4285
672X0380	35	25	25	No	457431	0.57	**672X10C0**	39	10	10	No	498847	1.6374
672X0390	34	25	25	No	405050	0.5211	**672X1230**	36	25	25	No	405296	1.7731
672X0399	34	25	25	No	405067	0.5209	**672X1233EE**	37	10	10	No	405302	3.0547

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
672X1240	37	25	25	No	405319	1.7731	**6795L-12333**	116	1	5	Yes	405630	4.6994
672X1244	37	25	25	No	406132	1.9955	**6796L-12333**	116	1	5	Yes	405647	5.6333
672X1270	35	10	10	No	497918	1.7832	**6797L-12333**	117	1	4	Yes	405654	7.24
672X1277	36	10	10	No	497901	1.8036	**685-C2**	83	**20**	20	No	497185	0.1073
672X1290	34	25	25	No	480460	1.588	**685-C3**	83	**20**	20	No	496928	0.1634
672X1297	35	10	10	No	498427	1.7832	**685-C4**	83	**20**	20	No	497024	0.2545
672X1299	34	25	25	No	480224	1.576	**685-C5**	83	**10**	10	No	497079	0.5275
672X12C0	39	10	10	No	498540	1.902	**685-C6**	83	**5**	5	No	497758	0.6591
672X4L-1131B3	38	5	5	Yes	405340	3.813	**685-C7**	83	**5**	5	No	497314	1.0472
672XB0242	38	1	10	Yes	499684	1.6998	**685-C95**	94	**10**	10	No	736536	0.544
672XB0342	38	1	10	Yes	499691	2.4035	**685-P3**	98	**20**	20	No	497734	0.175
672XB0442	38	1	10	Yes	499707	3.0666	**685-P4**	98	**20**	20	No	497628	0.2625
672XGT0390	39	**10**	100	Yes	442499	0.01	**685-P5**	98	**10**	10	No	497512	0.5442
672XGT0399	39	**10**	100	Yes	443694	0.0255	**685-P6**	98	**5**	5	No	497383	0.6743
672XGT0490	39	**10**	100	Yes	442888	0.25	**685-P7**	98	**5**	5	No	410467	1.0218
672XGT0499	39	**10**	100	Yes	443380	0.01	**687-1F**	207	**10**	10	No	737564	0.1418
672XV0242	38	1	10	Yes	499714	1.1199	**687-2CD**	175	1	9	Yes	712653	-
672XV0342	38	1	10	Yes	499721	1.5234	**687-2PD**	175	1	9	Yes	712530	5.2722
672XV0431PK	38	5	5	Yes	480835	1.8586	**687-2QD**	175	1	9	Yes	712493	-
672XV0442	38	1	10	Yes	499738	2.0055	**687-2QDT**	179	1	9	Yes	712431	0.455
672XV0486PK	36	5	5	Yes	700650	1.41	**687-2WD**	175	1	9	Yes	712578	2.9222
672XV0490	34	1	10	Yes	405357	1.64	**687-2WDT**	179	1	9	Yes	712455	3.8111
672XV0490PK	34	**5**	5	Yes	401670	1.9397	**687-2XD**	175	1	9	Yes	712615	2.95
672XV0499	34	1	10	Yes	405364	2.1978	**687-2XDT**	179	1	9	Yes	712479	3.8
672XV0590	34	1	10	Yes	405371	2.5752	**687-332CB**	195	1	8	Yes	713148	-
672XV0599	34	1	10	Yes	405388	2.05	**687-332MB**	195	1	8	Yes	713155	-
672XV0690	34	1	10	Yes	405395	2.9734	**687-332QB**	195	1	8	Yes	713131	-
672XV0699	34	1	10	Yes	405401	3.1922	**687-332WB**	195	1	8	Yes	713117	-
672XV0699-2PK	34	5	5	Yes	480170	2.778	**687-332XB**	195	1	8	Yes	713124	-
672XV0810	38	1	10	Yes	405418	3.408	**687-3CD**	175	1	9	Yes	712660	3.2889
672XV0810L	38	1	10	Yes	441737	3.9482	**687-3CH**	187	1	6	Yes	712950	6.6417
672XV1010	38	1	10	Yes	405425	4.7564	**687-3CH2**	187	1	6	Yes	713001	5.325
672XV1010L	38	1	10	Yes	441744	4.7564	**687-3CV**	191	1	8	Yes	713056	2.9938
672XV1210	38	1	4	Yes	405432	6.0507	**687-3CVKIT**	111	1	400	Yes	736994	0.0191
672XV1210L	38	1	4	Yes	441751	6.1478	**687-3CWD**	175	1	9	Yes	712745	3.2333
672XV1510	38	1	5	Yes	405449	7.3391	**687-3CXD**	175	1	9	Yes	712752	-
672XV1510L	38	1	5	Yes	441768	7.3824	**687-3PD**	175	1	9	Yes	712547	3.2111
672XV1810	38	1	5	Yes	405456	8.5368	**687-3PH**	187	1	6	Yes	712967	-
672XV1810L	38	1	5	Yes	441775	8.5368	**687-3PH2**	187	1	6	Yes	713018	5.3417
672XV4L-11313	38	1	5	Yes	405463	6.1294	**687-3PV**	191	1	8	Yes	713063	2.975
675-V20244	117	1	10	Yes	405517	1.1597	**687-3QD**	175	1	9	Yes	712509	-
675-V20442	117	1	10	Yes	499479	2.0393	**687-3QDT**	179	1	9	Yes	712448	-
67745L-08334	117	1	5	Yes	405555	4.6767	**687-3QH**	187	1	6	Yes	712943	-
678-20242	116	10	10	Yes	405562	0.4528	**687-3QH2**	187	1	6	Yes	712998	-
678-20342	116	10	10	Yes	405579	0.567	**687-3QV**	191	1	8	Yes	713049	-
678-20344	116	10	10	Yes	405586	0.5374	**687-3RPQ**	183	1	9	Yes	712844	-
678-20442	116	10	10	Yes	405593	0.708	**687-3RPQD**	183	1	9	Yes	712769	-
678-20644	116	10	10	Yes	405609	0.975	**687-3RQQ**	183	1	9	Yes	712868	-
678-21244	116	10	10	No	405616	1.719	**687-3RQQD**	183	1	9	Yes	712783	-
6784L-11313	116	5	5	Yes	405623	3.1345	**687-3RWW**	183	1	9	Yes	712905	3.85

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
687-3RWWD	183	1	9	Yes	712820	-
687-3RXX	183	1	9	Yes	712882	3.8667
687-3RXXD	183	1	9	Yes	712806	4.0278
687-3SFMH	110	5	25	Yes	735713	0.4
687-3SMFH	110	**6**	24	Yes	713087	0.434
687-3SMKIT	110	**5**	5	Yes	713100	-
687-3SMKIT2	110	**5**	5	No	736802	2.45
687-3SMMH	110	**6**	24	Yes	713094	0.475
687-3SQD	175	1	9	Yes	712691	-
687-3WD	175	1	9	Yes	712585	3.25
687-3WDT	179	1	9	Yes	712462	4.4333
687-3WH	187	1	6	Yes	712929	5.8083
687-3WH2	187	1	6	Yes	712974	5.4
687-3WV	191	1	8	Yes	713025	3.0062
687-3XD	175	1	9	Yes	712622	1.46
687-3XDT	179	1	9	Yes	712486	3.425
687-3XH	187	1	6	Yes	712936	5.6917
687-3XH2	187	1	6	Yes	712981	5.3333
687-3XV	191	1	8	Yes	713032	-
687-442QB	195	1	6	Yes	737083	-
687-442WB	195	1	6	Yes	737090	-
687-442XB	195	1	6	Yes	737106	-
687-4CD	175	1	9	Yes	712677	-
687-4CWD	175	1	9	Yes	712721	-
687-4CXD	175	1	9	Yes	712738	3.6
687-4PD	175	1	9	Yes	712554	-
687-4QD	175	1	9	Yes	712516	-
687-4RPQ	183	1	9	Yes	712851	-
687-4RPQD	183	1	9	Yes	712776	-
687-4RQQ	183	1	9	Yes	712875	-
687-4RQQD	183	1	9	Yes	712790	-
687-4RWW	183	1	9	Yes	712912	4.3167
687-4RWWD	183	1	9	Yes	712837	4.25
687-4RXX	183	1	9	Yes	712899	4.2444
687-4RXXD	183	1	9	Yes	712813	4.3667
687-4SQD	175	1	9	Yes	712707	-
687-4WD	175	1	9	Yes	712592	3.65
687-4XD	175	1	9	Yes	712639	3.7111
687-5CD	175	1	9	Yes	712684	-
687-5PD	175	1	9	Yes	712561	-
687-5QD	175	1	9	Yes	712523	-
687-5WD	175	1	9	Yes	712608	-
687-5XD	175	1	9	Yes	712646	4.6944
687-PVLV	110	**5**	5	Yes	742537	0.01
687-T3MMS	110	**5**	25	No	742391	0.296
687-T3MSM	110	**5**	25	No	742407	0.292
687-T3MSS	110	**5**	25	No	742414	1.5
687-T3SSM	110	**5**	25	No	750082	0.2976
687-Y33	209	1	9	Yes	722348	0.7944
687-Y43	209	1	9	Yes	722355	0.85

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
688-1	207	**10**	10	No	100993	0.71
688-C0B	208	**1**	10	Yes	713537	0.06
688-C0B	653	**1**	10	Yes	713537	0.06
688-C1B	208	**1**	4	Yes	456458	0.2
688-C1B	653	**1**	4	Yes	456458	0.2
688-F	207	**10**	10	No	101686	0.19
688-G10CR	158	10	10	Yes	712226	7.75
688-G10MR	158	10	10	Yes	712233	1.605
688-G10PR	158	**10**	10	Yes	714732	1.565
688-G10VR	158	**10**	10	Yes	714756	1.5
688-G10WR	158	**10**	10	Yes	102966	1.635
688-G10XR	158	**10**	10	Yes	103000	1.63
688-G11CR	158	**10**	10	Yes	712240	1.75
688-G11MR	158	**10**	10	Yes	712257	1.935
688-G11PR	158	**10**	10	Yes	714749	1.845
688-G11VR	158	**10**	10	Yes	714817	1.65
688-G11WR	158	**10**	10	Yes	103086	1.84
688-G11XR	158	**10**	10	Yes	103109	1.523
688-G1CE	208	**10**	10	Yes	700803	0.365
689C0101	89	**12**	12	Yes	481603	0.8471
689C0111	89	**12**	12	Yes	481559	1.0333
689C1102	89	**12**	12	Yes	481566	1.1905
689C1112	89	**12**	12	Yes	481610	1.3558
689VG3212	75	**12**	12	Yes	413185	1.3
689WG11	60	1	10	Yes	738820	0.915
689WG201	60	10	10	No	738837	1.3
689WG211	60	10	10	No	738844	1.275
689WG2201	60	**12**	12	Yes	408327	0.812
689WG2211	60	**12**	12	Yes	408334	1.0218
689WG2291	60	**12**	12	Yes	408341	0.7496
689WG3202	60	**12**	12	Yes	408358	1.2634
689WG3212	60	**12**	12	Yes	408365	1.4207
689WG5103	61	**12**	12	Yes	408426	1.8165
689X2101	32	**12**	12	Yes	481658	0.6917
689X2201	32	**12**	12	Yes	481672	0.8454
689X2291	33	**12**	12	Yes	401953	0.7113
689X3102	32	**12**	12	Yes	483652	0.935
689X3112	32	**12**	12	Yes	481993	1.2398
689X3202	32	**12**	12	Yes	481986	1.01
689X3212	32	**12**	12	Yes	481979	1.3162
689X5103	32	**12**	12	Yes	481962	1.5278
689XG11	32	10	10	No	738578	0.915
689XG201	32	10	10	No	738769	1.245
689XG211	32	10	10	No	738790	1.225
692-1308	112	**25**	25	No	405807	0.602
693-13155301	118	12	12	Yes	495488	3.3162
693-13755301	118	1	12	Yes	411310	3.2962
694CG33012091	89	10	10	Yes	412171	2.617
694CG33012093	89	10	10	Yes	412188	2.486
694CG331220	89	10	10	Yes	412317	2.1997

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
694CG36012092	89	10	10	Yes	415783	3.1222
694-G21012091	118	1	10	Yes	413369	1.4818
694Q312620	128	10	10	Yes	421913	1.3847
694Q464120	128	10	10	Yes	421920	16.9
694WG71022091	61	10	10	Yes	410245	1.8186
694XG32012091	33	10	10	Yes	406675	2.7754
694XG32012093	33	10	10	Yes	413079	2.385
694XG322120	33	10	10	Yes	413062	2.3152
695-01	147	1	24	Yes	109002	1.3595
695-2A	148	1	10	Yes	309280	0.3694
695-2A	333	1	10	Yes	309280	0.3694
695-4A	148	1	10	No	309327	0.9508
695-4A	333	1	10	No	309327	0.9508
695-4P	148	1	10	Yes	309334	1.3308
695-4P	333	1	10	Yes	309334	1.3308
695-D20	147	1	16	Yes	109019	0.4031
695-D30	147	1	16	Yes	109026	0.7493
695-D40	147	1	16	Yes	109033	0.4875
695-D432	147	1	16	Yes	109040	0.4628
695-D4325	147	1	16	Yes	109057	0.4812
695-D432F	147	1	10	Yes	105042	0.8392
695-ER05	149	**1**	1	Yes	412577	9.78
695-ER10	149	**1**	1	Yes	412584	11.56
695-ER15	149	**1**	1	Yes	412591	17.5
695-ER20	149	**1**	1	Yes	412607	18.7
695-ER30	149	**1**	1	Yes	412614	20.2
695-ES01	149	**1**	1	Yes	412676	3
695-ES05	148	**1**	4	Yes	412621	7.23
695-ES10	148	**1**	1	Yes	412638	8.76
695-ES15	148	**1**	1	Yes	412645	9.54
695-ES20	148	**1**	1	Yes	412652	12.6
695-ES30	148	**1**	1	Yes	412669	14.5
695-Y52	147	1	10	Yes	109064	0.4941
696-1	207	**10**	10	No	109071	0.385
696-1020GF	199	6	6	Yes	154354	1.35
696-1021GF	199	6	6	Yes	154361	1.6133
696-1031GF	199	6	6	Yes	154378	2.0083
696-11A	203	1	6	Yes	100665	0.7583
696-11A	438	1	6	Yes	100665	0.7583
696-11P	203	**6**	6	Yes	100672	0.9167
696-11P	437	**6**	6	Yes	100672	0.9167
696-12A	203	1	6	Yes	100689	0.775
696-12A	438	1	6	Yes	100689	0.775
696-12P	203	**6**	6	Yes	100696	0.875
696-12P	437	**6**	6	Yes	100696	0.875
696-1F	207	**10**	10	No	109323	0.1418
696-1F	438	**10**	10	No	109323	0.1418
696-2	207	**10**	10	No	109330	0.4211
696-2313CR	155	10	10	Yes	109491	2.335
696-2313MF	155	10	10	Yes	109521	2.784
696-2313MR	155	10	10	Yes	109538	2.6624
696-2313WF	155	10	10	Yes	109545	2.8
696-2313WR	155	10	10	Yes	109552	2.39
696-2313XF	155	10	10	Yes	109569	2.485
696-2313XR	155	10	10	Yes	109576	2.395
696-2413MF	156	10	10	Yes	101099	1.75
696-2413WF	156	10	10	Yes	101105	1.695
696-2413XF	156	10	10	Yes	410641	1.7
696-2F	207	**10**	10	No	109583	0.2495
696-3	207	**10**	10	No	109590	0.4529
696-3F	207	**10**	10	No	109132	0.51
696-4	207	**10**	10	No	101051	0.3944
696-5	207	**10**	10	No	154415	0.4142
696-6	207	**10**	10	No	154422	0.365
696-7	207	**10**	10	No	154439	0.365
696-7	438	**10**	10	No	154439	0.365
696-BC	208	**10**	10	No	109606	0.2785
696-C3	208	**10**	10	Yes	154262	0.1574
696-CF	208	**10**	10	Yes	109972	0.1882
696-EX	207	**10**	10	No	110312	0.0987
696-G1000CF	161	10	10	Yes	100009	0.855
696-G1000CR	161	10	10	Yes	412409	1.13
696-G1000MF	161	10	10	Yes	100016	1.105
696-G1000MFPK4	161	5	5	Yes	137128	1.2
696-G1000MR	161	10	10	Yes	412416	1.2001
696-G1000PF	161	10	10	Yes	702654	-
696-G1000VF	161	10	10	Yes	101594	1.0895
696-G1000WF	161	10	10	Yes	100023	1.3
696-G1000WR	161	10	10	Yes	101334	0.855
696-G1000XF	161	10	10	Yes	100030	0.6276
696-G1000XFS	161	10	10	Yes	101242	1.4705
696-G1000XR	161	10	10	Yes	412423	0.925
696-G1001CF	166	10	10	Yes	100047	1.2294
696-G1001CR	166	10	10	Yes	101457	1.1422
696-G1001MF	166	10	10	Yes	100054	1.095
696-G1001MR	166	10	10	Yes	101556	0.91
696-G1001PF	166	10	10	Yes	702883	0.985
696-G1001VF	166	10	10	Yes	101815	1.1
696-G1001WF	166	10	10	Yes	100061	1
696-G1001WR	166	10	10	Yes	101549	0.99
696-G1001XF	166	10	10	Yes	100078	0.985
696-G1001XR	166	10	10	Yes	101532	0.965
696-G1010CF	161	10	10	Yes	100085	1.055
696-G1010CR	161	10	10	Yes	700094	1.005
696-G1010MF	161	10	10	Yes	100092	1.4032
696-G1010MR	161	10	10	Yes	412331	1.3184
696-G1010PR	161	**10**	10	Yes	708755	0.99
696-G1010VF	161	10	10	Yes	101648	1.327
696-G1010VR	161	10	10	Yes	102751	0.9
696-G1010WF	161	10	10	Yes	100115	1.392

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
696-G1010WR	161	10	10	Yes	101310	1.045
696-G1010XF	161	10	10	Yes	100122	1.3042
696-G1010XFS	161	10	10	Yes	101259	1.629
696-G1010XR	161	10	10	Yes	412430	1.07
696-G1011CF	165	10	10	Yes	100139	1.358
696-G1011MF	165	10	10	Yes	100146	1.23
696-G1011PF	165	10	30	Yes	102775	-
696-G1011VF	165	10	10	Yes	102126	1.245
696-G1011WF	165	10	10	Yes	100153	0.8687
696-G1011XF	165	10	10	Yes	100160	0.7887
696-G2001CF	167	10	10	Yes	100177	1.7349
696-G2001CR	168	10	10	Yes	101464	1.6295
696-G2001MF	167	10	10	Yes	100184	1.8442
696-G2001MR	168	10	10	Yes	101525	1.6864
696-G2001PF	167	10	10	Yes	702753	1.34
696-G2001PR	168	**10**	10	Yes	708915	1.235
696-G2001VF	167	10	10	Yes	101839	1.7474
696-G2001WF	167	10	10	Yes	100191	1.27
696-G2001WR	168	10	10	Yes	101518	1.265
696-G2001XF	167	10	10	Yes	100207	1.821
696-G2001XR	168	10	10	Yes	101501	1.6008
696-G2011CF	167	10	10	Yes	100214	2.0704
696-G2011MF	167	10	10	Yes	100221	2.2866
696-G2011VF	167	10	10	Yes	101181	-
696-G2011WF	167	10	10	Yes	100238	1.655
696-G2011XF	167	10	10	Yes	100245	1.705
696-G2303CF	155	10	10	Yes	100252	2.145
696-G2303CR	155	10	10	Yes	101471	1.935
696-G2303ER	155	10	10	Yes	734099	2.27
696-G2303MF	155	10	10	Yes	100276	2.295
696-G2303MR	155	10	10	Yes	102102	2.22
696-G2303PF	155	10	10	Yes	702760	2.15
696-G2303PR	155	**1**	10	Yes	734105	2.17
696-G2303VF	155	10	10	Yes	101600	2.3355
696-G2303VR	155	**10**	10	Yes	734112	2.05
696-G2303WF	155	10	10	Yes	100290	2.275
696-G2303WR	155	10	10	Yes	102065	2.03
696-G2303XF	155	10	10	Yes	100306	2.265
696-G2303XR	155	10	10	Yes	102010	2
696-G2313CF	155	10	10	Yes	100320	2.37
696-G2313CR	155	10	10	Yes	700100	2.3
696-G2313ER	155	**10**	10	Yes	734129	2.485
696-G2313MF	155	10	10	Yes	100344	2.37
696-G2313MR	155	**10**	10	Yes	734136	2.3
696-G2313PF	155	10	10	Yes	102362	-
696-G2313PR	155	**10**	10	Yes	708762	2.22
696-G2313VF	155	10	10	Yes	101662	2.635
696-G2313VR	155	10	10	Yes	102768	-
696-G2313WF	155	10	10	Yes	100368	2.505
696-G2313WR	155	10	10	Yes	102041	2.295
696-G2313XF	155	10	10	Yes	100375	2.545
696-G2313XR	155	10	10	Yes	734655	2.385
696-G2403CF	156	10	10	Yes	101969	1.245
696-G2403MF	156	10	10	Yes	101976	1.5
696-G2403WF	156	10	10	Yes	101983	1.48
696-G2403XF	156	10	10	Yes	700162	1.44
696-G2413VF	156	10	10	Yes	733511	1.8798
696-G2413WF	156	10	10	Yes	102058	1.555
696-G2413XF	156	10	10	Yes	458278	1.55
696-G3011CR	171	10	10	Yes	102379	1.63
696-G3011MR	171	10	10	Yes	462466	-
696-G3011WR	171	10	10	Yes	102386	1.95
696-G3011XR	171	10	10	Yes	102393	1.91
696-G3014CR	171	10	30	Yes	702661	-
696-G3014PR	171	10	30	Yes	702685	-
696-G3014XR	171	10	30	Yes	702623	-
696-G3021MR	171	10	30	Yes	702258	-
696-G3021WR	171	10	10	Yes	700957	1.645
696-G3024CR	171	10	30	Yes	702487	-
696-G3024MR	171	10	30	Yes	702548	-
696-G3024WR	171	10	30	Yes	702470	-
696-G3024XR	171	10	30	Yes	702463	0.9253
696-G4021CR	171	10	10	Yes	702524	-
696-G4021MR	171	10	30	Yes	702562	-
696-G4021XR	171	10	30	Yes	703002	-
696-G4024CR	171	10	10	Yes	702531	-
696-G4024MR	171	10	30	Yes	702890	-
696-G4024PR	171	10	30	Yes	702616	-
696-G4024XR	171	10	30	Yes	702630	-
696-LC	207	**10**	10	No	153470	0.095
696-LC	438	**10**	10	No	153470	0.095
696-PN	208	**50**	50	No	109798	0.0092
696R1020GF	199	10	10	Yes	154385	1.365
696R1021GF	199	10	10	Yes	154392	1.77
696R1031GF	199	10	10	Yes	154408	2.04
696R2313WF	156	10	10	Yes	110299	2.86
696R2313XF	156	10	10	Yes	110305	2.8
696R3	207	10	10	Yes	153500	0.795
696RG1000CF	162	10	10	Yes	100399	1.24
696RG1000MF	162	10	10	Yes	100405	1.255
696RG1000VF	162	10	10	Yes	101624	1.265
696RG1000WF	162	10	10	Yes	100412	1.11
696RG1000XF	162	10	10	Yes	100429	1.125
696RG1001CF	166	10	10	Yes	100436	1.3946
696RG1001MF	166	10	10	Yes	100443	1.295
696RG1001VF	166	10	30	Yes	101846	-
696RG1001WF	166	10	10	Yes	101235	1.26
696RG1001XF	166	10	10	Yes	100450	1.245
696RG1010CF	162	10	10	Yes	100467	1.3636
696RG1010MF	162	10	10	Yes	100474	1.1873

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
696RG1010PF	162	10	30	Yes	102409	1.4
696RG1010VF	162	10	10	Yes	101136	1.395
696RG1010WF	162	10	10	Yes	100481	1.25
696RG1010XF	162	10	10	Yes	100498	1.26
696RG2001CF	168	10	10	Yes	100528	1.8716
696RG2001MF	168	10	10	Yes	100535	1.55
696RG2001PF	168	10	10	Yes	702777	1.5
696RG2001VF	168	10	10	Yes	101891	1.585
696RG2001WF	168	10	10	Yes	100542	1.61
696RG2001XF	168	10	10	Yes	100559	1.6
696RG2011MF	168	10	30	Yes	102270	2.1174
696RG2011VF	168	10	30	Yes	726346	-
696RG2303CF	156	10	10	Yes	100566	2.2147
696RG2303MF	156	10	10	Yes	100573	2.875
696RG2303WF	156	10	10	Yes	100580	2.595
696RG2303XF	156	10	10	Yes	100597	2.565
696RG2313CF	156	10	10	Yes	100603	2.8233
696RG2313MF	156	10	10	Yes	100610	2.855
696RG2313VF	156	10	10	Yes	102003	2.6
696RG2313WF	156	10	10	Yes	100627	2.82
696RG2313XF	156	10	10	Yes	100634	3.2058
696RG2403CF	157	**10**	10	Yes	707970	1.475
696RG2403WF	157	10	10	Yes	709868	-
696RG2403XF	157	10	10	Yes	735966	-
696RG2413WF	157	10	10	Yes	102904	2.218
696RG3011PF	171	10	10	Yes	722553	-
696RG3011WF	171	10	10	Yes	102492	2.22
696RG3011XF	171	10	10	Yes	462503	1.885
696RG4021MF	172	10	30	Yes	723130	0.7591
696RG4021WF	172	10	30	Yes	708359	0.7591
696RG4024XF	172	**10**	10	Yes	714244	-
696-SC	207	**10**	10	No	153487	0.095
696-SC1	207	**10**	10	No	101044	0.075
696-T2001CR	168	1	10	Yes	734693	2.61
696-T2001PR	168	1	1	Yes	734709	2.61
696-T2001WR	168	1	10	Yes	734716	2.61
696-T2001XR	168	1	10	Yes	734648	2.6
697-1FL	207	10	10	No	202741	0.505
698-A11APR	166	10	10	Yes	103215	1.93
698-A11AWR	166	10	10	Yes	103222	1.88
698-A11AXR	166	10	10	Yes	103239	1.9
698-A11-CR	167	10	10	Yes	103178	1.76
698-A11-MR	167	10	10	Yes	103185	1.735
698-A11-PR	167	10	10	Yes	103192	1.695
698-A11-WR	167	10	10	Yes	103208	1.695
698-A11-XR	167	10	10	Yes	103154	1.68
698-A33ACR	157	10	10	Yes	103291	2.06
698-A33AMR	157	10	10	Yes	103307	2.025
698-A33APR	157	10	10	Yes	103314	2.02
698-A33AWR	157	10	10	Yes	103321	2.015
698-A33AXR	157	10	10	Yes	103338	2.005
698-A33-CR	157	10	10	Yes	103246	1.84
698-A33-MR	157	10	10	Yes	103253	1.815
698-A33-PR	157	10	10	Yes	103260	1.79
698-A33-WR	157	10	10	Yes	103277	1.775
698-A33-XR	157	10	10	Yes	103284	1.77
698-DC	207	**24**	24	No	101433	0.2417
698-EX	208	**10**	10	No	700339	0.115
698-F	208	**10**	10	No	103161	0.195
698RA11-CR	167	10	10	Yes	705938	0.9225
698RA11-MR	167	10	10	Yes	705693	2.005
698RA11-PR	167	10	10	Yes	705969	1.915
698RA11-WR	167	10	10	Yes	705976	0.9225
698RA11-XR	167	10	10	Yes	705952	0.9225
698RA33ACR	157	10	10	Yes	706089	1.1225
698RF	208	**10**	10	Yes	700346	0.32
698-VC	208	**50**	50	No	437303	0.011
699-A0-CR	162	10	10	Yes	103383	0.745
699-A0-MR	162	10	10	Yes	103345	0.735
699-A0-PR	162	10	10	Yes	103352	0.72
699-A0-WR	162	10	10	Yes	103369	0.715
699-A0-XR	162	10	10	Yes	103376	0.72
699-A1-CR	165	10	10	Yes	103390	0.75
699-A1ECR	165	10	10	Yes	702388	0.875
699-A1EMR	165	10	10	Yes	702395	0.855
699-A1EPR	165	10	10	Yes	702401	0.83
699-A1EVR	165	10	10	Yes	714022	0.81
699-A1EWR	165	10	10	Yes	702449	0.82
699-A1EXR	165	10	10	Yes	702340	0.835
699-A1-MR	165	10	10	Yes	103406	0.735
699-A1-PR	165	10	10	Yes	103413	0.715
699-A1-VR	165	**10**	10	Yes	709073	0.715
699-A1-WR	165	10	10	Yes	460738	0.77
699-A1-XR	165	**10**	10	Yes	402363	0.735
699-DC	207	**10**	10	No	437310	0.1
699-FC	208	10	200	Yes	201065	0.1312
699RA1EWR	165	10	10	Yes	708090	0.85
699RA1EXR	165	10	10	Yes	708106	0.85
699RA1-VR	165	10	10	Yes	752970	0.8
699RA1-WR	165	10	10	Yes	706850	0.75
699RA1-XR	165	10	10	Yes	706867	0.8
699RF	208	**10**	10	No	700353	0.09
700-0	731	**12**	120	No	507044	0.075
700-1	731	**12**	120	No	507051	0.08
700-2	731	**12**	120	No	507068	0.0817
700-3	731	**12**	120	No	403735	0.0842
700-4	731	**12**	120	No	403742	0.09
700-5	731	**6**	60	No	507099	0.111
700-6	731	**6**	60	No	507105	0.1098
700-7	731	**6**	60	No	507112	0.1167

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
702-2	731	**24**	240	No	507150	0.053
702-3	731	**24**	240	No	507167	0.055
702-4	731	**24**	240	No	507174	0.064
703-2	731	**24**	240	No	507181	0.054
703-3	731	**24**	240	No	507198	0.056
703-4	731	**24**	240	No	507204	0.063
703-5	731	**12**	120	No	507211	0.0793
703-6	731	**6**	60	No	507228	0.1008
703-7	731	**6**	60	No	507235	0.109
704-2	731	**12**	72	No	507242	0.096
704-3	731	**12**	72	No	507259	0.096
704-4	731	**12**	72	No	507266	0.1083
705-2	731	**12**	120	No	507273	0.11
705-3	731	**12**	120	No	507280	0.127
705-4	731	**12**	120	No	507297	0.1217
706-2	731	**12**	72	No	507303	0.042
706-3	731	**12**	72	No	650731	0.0726
706-4	731	**12**	72	No	507327	0.077
707-2	731	**12**	72	No	507334	0.0681
707-3	731	**12**	72	No	509505	0.0712
707-4	731	**12**	72	No	507358	0.0738
710-2	732	**6**	120	No	404022	0.058
710-3	732	**6**	120	No	404039	0.0573
710-4	732	**6**	120	No	507389	0.1038
730-05	732	**24**	24	Yes	405968	0.308
730-10	732	**24**	24	Yes	403025	0.35
730-25	732	**12**	12	Yes	405975	1.4625
740-02	732	**50**	50	Yes	406019	0.084
740-05	732	**24**	24	Yes	405982	0.236
740-10	732	**24**	24	Yes	403056	0.426
740-25	732	**12**	12	Yes	405951	1.2292
743-05	732	**24**	24	Yes	405999	0.364
743-10	732	**24**	24	Yes	403353	0.568
743-25	732	**12**	12	Yes	406002	1.0817
750-46	732	**14**	14	No	507495	0.3029
750-69	732	**12**	12	No	507501	0.358
752-69	732	**12**	12	No	507518	0.3797
771	731	**1**	12	No	507525	2.194
772	731	**1**	12	No	507532	2.433
773	731	**36**	288	No	507549	0.036
774	731	**36**	432	No	507556	0.0292
776	731	**36**	432	No	507563	0.071
777	731	**24**	432	No	507570	0.079
800-A	413	**12**	12	Yes	300102	2.1502
800-ABW	413	12	12	Yes	300133	2.2107
800-P	413	**12**	12	Yes	300089	2.7111
800-PBW	413	12	12	Yes	300157	2.8021
800-PPK	413	3	3	Yes	300089	3.0578
801-A	418	1	25	Yes	300096	0.329
801-A2	418	1	25	Yes	380180	0.2293
801-APK	418	10	10	Yes	300348	0.3075
801-DR2	418	1	10	Yes	380173	1.5251
801-NQ2	418	1	10	Yes	380166	2.4745
801-NR2	418	1	10	Yes	380197	1.3047
801-P	418	1	25	Yes	300126	0.334
801-P2	418	1	25	Yes	380159	0.2293
801-P2PK	418	10	10	Yes	380159	0.2224
801-PG2	418	1	25	Yes	309273	0.2256
801-PPK	418	10	10	Yes	300324	0.3121
801-SQ2	418	1	10	Yes	309204	2.37
801-SR2	418	1	10	Yes	309198	1.1
802-7	413	12	12	Yes	300027	0.1625
803-2PK2	434	12	12	Yes	300058	0.2423
803-3PK2	434	12	12	Yes	300065	0.5934
803-4PK2	434	12	12	Yes	300072	1.086
819-2A	408	**6**	6	Yes	734907	4.702
819-2P	408	**6**	6	Yes	734914	1.2917
820-20PCQ	401	**6**	6	Yes	725462	0.064
820-20PCR	401	**6**	6	Yes	725455	0.064
820-20PKQ	401	**6**	6	Yes	725479	0.1572
820-20PKR	401	**6**	6	Yes	725486	0.0639
820-20PRBQ	401	**6**	6	Yes	725493	0.0631
820-20PRBR	401	**6**	6	Yes	725509	0.0639
820-27P	401	**20**	20	Yes	725103	0.5
820-27PQ	401	**20**	20	Yes	725110	0.6025
820-2P	401	**20**	20	Yes	725080	0.5
820-T20PCQ	401	**6**	6	Yes	725547	0.1472
820-T20PCR	401	**6**	6	Yes	725554	0.1472
820-T20PKQ	401	**6**	6	Yes	725561	0.2404
820-T20PKR	401	**6**	6	Yes	725578	0.1471
820-T20PRBQ	401	**6**	6	Yes	725608	0.1464
820-T20PRBR	401	**6**	6	Yes	725615	0.1464
820-T27P	401	**10**	10	Yes	725158	0.655
820-T27PQ	401	**10**	10	Yes	725165	0.71
820-T2P	401	**10**	10	Yes	725097	0.66
821-200A	395	**20**	20	Yes	300140	0.6748
821-200ACQ	397	**5**	5	Yes	312280	1.96
821-200ACR	397	**5**	5	Yes	312273	1.7
821-200AKR	398	**5**	5	Yes	325570	1.26
821-200ANQ	396	**5**	5	Yes	356376	1.7308
821-200ANR	396	**5**	5	Yes	301932	1.5504
821-200ARBQ	399	**5**	5	Yes	352316	1.762
821-200ARBR	399	**5**	5	Yes	352323	1.5616
821-200ASQ	398	**5**	5	Yes	307378	1.96
821-200P	395	**20**	20	Yes	300171	0.9245
821-200PCQ	397	**5**	5	Yes	312266	2.09
821-200PCR	397	**5**	5	Yes	312242	1.18
821-200PKQ	398	**5**	5	Yes	324597	1.67
821-200PKR	398	**5**	5	Yes	324580	1.485
821-200PNQ	396	**5**	5	Yes	301963	1.875

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
821-200PNR	396	**5**	5	Yes	301925	1.7604
821-200PRBQ	399	**5**	5	Yes	352330	1.94
821-200PRBR	399	**5**	5	Yes	352347	1.7749
821-200PSQ	398	**5**	5	Yes	307392	2.09
821-200PSR	398	**5**	5	Yes	307422	1.85
821-270A	395	**20**	20	Yes	351562	0.6928
821-270AQ	395	**20**	20	Yes	318510	0.9075
821-270P	395	**20**	20	Yes	300249	1.2815
821-270PQ	395	**20**	20	Yes	318527	1.253
821-2A	395	**20**	20	Yes	300416	0.6806
821-2APK	395	**8**	8	Yes	378323	0.6685
821-2AQCP	400	**5**	5	Yes	381200	1.93
821-2AQRB	400	**5**	5	Yes	309617	1.842
821-2AT4A	400	**1**	5	Yes	325310	0.88
821-2AT5A	400	1	5	Yes	325464	1.06
821-2ATQ	400	1	1	Yes	322807	1.7525
821-2IFS	403	4	4	Yes	375223	4.05
821-2IH	403	1	10	Yes	318602	3.985
821-2IHQCP	403	1	5	Yes	318626	5.17
821-2INS	403	1	4	Yes	378309	4.4375
821-2IT	403	1	10	Yes	318633	4.735
821-2ITQCP	403	1	5	Yes	318657	5.76
821-2LCQ	397	1	5	Yes	319128	1.0702
821-2LCR	397	1	5	Yes	319111	0.84
821-2LKR	398	**1**	5	Yes	325600	0.7802
821-2LNQ	396	1	5	Yes	319067	1.4459
821-2LNR	396	1	5	Yes	319050	0.9573
821-2LQRB	400	1	5	Yes	319234	0.83
821-2LRBQ	399	1	5	Yes	319142	1.07
821-2LRBR	399	1	5	Yes	319104	0.8
821-2LSNQ	395	**10**	10	Yes	331120	0.3589
821-2LSPC	395	10	10	Yes	318763	0.8944
821-2LSPCI	395	10	10	Yes	318732	0.1287
821-2LSPN	395	10	10	Yes	319036	0.8934
821-2LSQ	399	1	5	Yes	319081	1.0895
821-2LSR	399	1	5	Yes	319074	0.87
821-2LT4A	401	**1**	4	Yes	325341	0.45
821-2LT5A	401	1	10	Yes	325457	0.615
821-2LTQ	401	1	20	Yes	322814	1.0025
821-2P	395	**20**	20	Yes	300355	0.9206
821-2PPK	395	8	8	Yes	378330	0.8293
821-2PQCP	400	**5**	5	Yes	381194	1.59
821-2PQRB	400	1	5	Yes	309631	1.988
821-2PT4A	400	**1**	5	Yes	325327	1.01
821-2PT5A	400	1	5	Yes	325488	1.17
821-2PTQ	400	1	1	Yes	322821	1.8415
821-2QA	396	5	5	Yes	744944	0.05
821-2QAS	396	5	5	Yes	313010	0.304
821-2S	409	1	100	Yes	300393	0.2219
821-2SCQPK1	410	1	10	Yes	320865	0.7213
821-2SCQPK2	410	1	50	Yes	320926	0.9796
821-2SCRPK1	409	1	10	Yes	320858	0.9935
821-2SCRPK2	409	1	50	Yes	320933	0.723
821-2SKQPK1	410	1	10	Yes	324634	0.707
821-2SKQPK2	410	1	50	Yes	320841	0.6465
821-2SKRPK1	409	6	6	Yes	324627	0.7167
821-2SKRPK2	409	1	50	Yes	320834	0.4342
821-2SMQPK2	410	**5**	5	Yes	703569	0.56
821-2SMRPK2	409	1	5	Yes	703576	0.39
821-2SNQPK1	410	1	10	Yes	321053	1.4115
821-2SNRPK1	410	6	6	Yes	315427	0.8831
821-2SPK1	409	10	10	Yes	300904	0.249
821-2SRBQPK1	410	1	10	Yes	320872	1.0154
821-2SRBQPK2	410	1	50	Yes	320940	0.8982
821-2SRBRPK1	409	6	6	Yes	315441	0.8833
821-2SRBRPK2	409	1	50	Yes	320957	0.6692
821-2SSQPK1	410	1	10	Yes	321060	1.144
821-2SSRPK1	410	1	10	Yes	321022	0.8699
821-EX2	395	1	50	Yes	327536	0.65
821-EX2	396	1	50	Yes	327536	0.65
821-EX2	396	1	50	Yes	327536	0.65
821-EX2	397	1	50	Yes	327536	0.65
821-EX2	398	1	50	Yes	327536	0.65
821-EX2	399	1	50	Yes	327536	0.65
821-EX2	399	1	50	Yes	327536	0.65
821-EX2	400	1	50	Yes	327536	0.65
821-EX2	401	1	50	Yes	327536	0.65
821-EX2	403	1	50	Yes	327536	0.65
821-EX2	404	1	50	Yes	327536	0.65
821-EX2	405	1	50	Yes	327536	0.65
821-H	395	**10**	100	No	326522	0.0535
821-H	396	**10**	100	No	326522	0.0535
821-H	396	**10**	100	No	326522	0.0535
821-H	397	**10**	100	No	326522	0.0535
821-H	398	**10**	100	No	326522	0.0535
821-H	399	**10**	100	No	326522	0.0535
821-H	399	**10**	100	No	326522	0.0535
821-H	401	**10**	100	No	326522	0.0535
821-H	401	**10**	100	No	326522	0.0535
821-H	406	**10**	100	No	326522	0.0535
821-H	407	**10**	100	No	326522	0.0535
821-H	407	**10**	100	No	326522	0.0535
821-H	407	**10**	100	No	326522	0.0535
821-HA2	395	25	25	Yes	318701	0.9276
821-HA2	395	25	25	Yes	318701	0.9276
821-HP2	395	25	25	Yes	318695	0.9519
821-HP2	395	25	25	Yes	318695	0.9519
821-HQCP	400	1	5	Yes	308979	0.9195
821-HQCP	403	1	5	Yes	308979	0.9195
821-MHA2	396	25	25	Yes	329547	0.446

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
821-MHA2	397	25	25	Yes	329547	0.446
821-MHA2	398	25	25	Yes	329547	0.446
821-MHA2	399	25	25	Yes	329547	0.446
821-MHA2	399	25	25	Yes	329547	0.446
821-MHA2	400	25	25	Yes	329547	0.446
821-MHA2	401	25	25	Yes	329547	0.446
821-MHP2	396	**25**	25	Yes	329455	0.468
821-MHP2	397	**25**	25	Yes	329455	0.468
821-MHP2	398	**25**	25	Yes	329455	0.468
821-MHP2	399	**25**	25	Yes	329455	0.468
821-MHP2	399	**25**	25	Yes	329455	0.468
821-MHP2	400	**25**	25	Yes	329455	0.468
821-MHP2	401	**25**	25	Yes	329455	0.468
821-T200A	395	10	10	Yes	380951	0.7009
821-T200ACQ	397	1	5	Yes	312433	1.96
821-T200ACR	397	5	5	Yes	312402	0.3605
821-T200AKQ	398	1	5	Yes	325631	2.387
821-T200AKR	398	1	5	Yes	325648	1.3679
821-T200ANQ	396	1	5	Yes	380968	2.3821
821-T200ANR	396	5	5	Yes	380975	1.8832
821-T200ARBQ	399	1	5	Yes	380982	3.2613
821-T200ARBR	399	1	5	Yes	380999	1.865
821-T200ASQ	398	1	5	Yes	310262	2.005
821-T200ASR	398	5	5	Yes	310279	1.748
821-T200P	395	**10**	10	Yes	381002	0.9658
821-T200PCQ	397	1	5	Yes	312440	1.73
821-T200PCR	397	5	5	Yes	312457	1.892
821-T200PKQ	398	1	5	Yes	325655	1.74
821-T200PKR	398	5	5	Yes	325693	1.4569
821-T200PNQ	396	5	5	Yes	381019	2.3635
821-T200PRBQ	399	1	5	Yes	381033	3.2427
821-T200PRBR	399	1	5	Yes	381040	1.6747
821-T200PSQ	398	1	5	Yes	310286	2.15
821-T200PSR	398	5	5	Yes	310293	1.896
821-T270A	395	1	10	Yes	381071	0.965
821-T270AQ	395	**1**	10	Yes	318534	1.168
821-T270P	395	**10**	10	Yes	381088	0.8893
821-T270PQ	395	1	10	Yes	309600	1.1
821-T2A	395	1	10	Yes	381231	0.7067
821-T2AQCP	400	1	5	Yes	381149	1.98
821-T2AQRB	400	1	5	Yes	309655	1.994
821-T2AT4A	400	1	5	Yes	325358	1.04
821-T2AT5A	400	1	5	Yes	325471	1.2
821-T2ATQ	400	1	1	Yes	322838	1.7862
821-T2P	395	1	10	Yes	381156	0.9619
821-T2PQCP	400	1	5	Yes	381170	2.14
821-T2PQRB	400	1	5	Yes	309679	1.5
821-T2PT5A	400	1	5	Yes	325495	1.23
821-T2PTQ	400	1	1	Yes	322845	1.8751
821-THA2	395	25	25	Yes	318725	0.9309
821-THA2	395	25	25	Yes	318725	0.9309
821-THP2	395	25	25	Yes	318718	0.9123
821-THP2	395	25	25	Yes	318718	0.9123
821-TMHA2	396	25	25	Yes	703224	0.4187
821-TMHA2	397	25	25	Yes	703224	0.4187
821-TMHA2	398	25	25	Yes	703224	0.4187
821-TMHA2	399	25	25	Yes	703224	0.4187
821-TMHA2	399	25	25	Yes	703224	0.4187
821-TMHA2	400	25	25	Yes	703224	0.4187
821-TMHA2	401	25	25	Yes	703224	0.4187
821-TMHP2	396	25	25	Yes	703231	0.4583
821-TMHP2	397	25	25	Yes	703231	0.4583
821-TMHP2	398	25	25	Yes	703231	0.4583
821-TMHP2	399	25	25	Yes	703231	0.4583
821-TMHP2	399	25	25	Yes	703231	0.4583
821-TMHP2	400	25	25	Yes	703231	0.4583
821-TMHP2	401	25	25	Yes	703231	0.4583
821-TP	395	10	10	Yes	381187	0.0229
821-TP	396	10	10	Yes	381187	0.0229
821-TP	396	10	10	Yes	381187	0.0229
821-TP	397	10	10	Yes	381187	0.0229
821-TP	398	10	10	Yes	381187	0.0229
821-TP	399	10	10	Yes	381187	0.0229
821-TP	399	10	10	Yes	381187	0.0229
821-TP	400	10	10	Yes	381187	0.0229
821-TP	401	10	10	Yes	381187	0.0229
821-TP	401	10	10	Yes	381187	0.0229
821-TP	404	10	10	Yes	381187	0.0229
821-TP	405	10	10	Yes	381187	0.0229
822-2AF	331	**1**	4	Yes	379146	1.7645
822-2ANQ	330	**1**	4	Yes	305640	3.7981
822-2ANR	330	**1**	4	Yes	300621	3.0931
822-2AS	330	**1**	4	Yes	301413	2.2373
822-2ASQ	330	**1**	4	Yes	307439	3.4531
822-2ASR	330	**1**	4	Yes	307446	2.675
822-2DF	253	**1**	1	Yes	381361	7.0875
822-2DNQ	253	**1**	4	Yes	381330	7.9125
822-2DNR	253	**1**	4	Yes	381316	6.9
822-2DSQ	253	**1**	4	Yes	307453	7.5375
822-2DSR	253	**1**	4	Yes	307460	7.1875
822-2PF	331	**1**	4	Yes	379139	2.4138
822-2PNQ	330	**1**	4	Yes	301796	3.9051
822-2PNR	330	**1**	4	Yes	304070	3.2001
822-2PS	330	**1**	4	Yes	304087	2.3443
822-2PSQ	330	**1**	4	Yes	307477	3.675
822-2PSR	330	**1**	4	Yes	307484	2.9601
822-3AF	331	**1**	4	Yes	379153	2.3048
822-3ANQ	330	**1**	4	Yes	304865	3.7961
822-3ANR	330	**1**	4	Yes	304896	3.0911
822-3AS	330	**1**	4	Yes	304926	2.2353

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
822-3ASQ	330	**1**	4	Yes	307491	3.4511	**822-EX3**	315	**1**	1	No	309792	1.8
822-3ASR	330	**1**	1	Yes	307521	2.9	**822-EX3**	329	**1**	1	No	309792	1.8
822-3DF	253	**1**	4	Yes	381378	6.825	**822-EX3**	330	**1**	1	No	309792	1.8
822-3DNQ	253	**1**	4	Yes	381323	7.75	**822-EX3**	331	**1**	1	No	309792	1.8
822-3DNR	253	**1**	4	Yes	381347	7.0375	**822-EX3**	354	**1**	1	No	309792	1.8
822-3DSQ	253	**4**	4	Yes	307538	7.4179	**822-EX3**	355	**1**	1	No	309792	1.8
822-3DSR	253	**1**	1	Yes	307545	6.95	**822-EX3**	402	**1**	1	No	309792	1.8
822-3PF	331	**1**	4	Yes	379160	2.4191	**822-EX3CQ**	253	**1**	1	Yes	309792	1.5
822-3PNQ	330	**1**	4	Yes	304957	3.9001	**822-EX3CQ**	254	**1**	1	Yes	309792	1.5
822-3PNR	330	**1**	4	Yes	305152	2.9916	**822-F2ANQ**	331	**1**	1	Yes	380272	4.1769
822-3PS	330	**1**	4	Yes	305442	2.1125	**822-F2ANR**	331	**1**	1	Yes	380258	4.2321
822-3PSQ	330	**1**	4	Yes	307552	3.675	**822-F2ASQ**	331	**1**	1	Yes	307576	3.8362
822-3PSR	330	**1**	4	Yes	307569	2.475	**822-F2ASR**	331	**1**	1	Yes	307583	3.9921
822-C3AF	354	**1**	1	Yes	315403	3.29	**822-F2DNQ**	254	**1**	1	Yes	381392	11.15
822-C3ANQ	354	**1**	1	Yes	315182	5.3073	**822-F2DNR**	254	**1**	1	Yes	381385	10.15
822-C3ANR	354	**1**	1	Yes	379993	4.6262	**822-F2DSQ**	254	**1**	1	Yes	307590	10.6256
822-C3ASQ	354	**1**	1	Yes	315199	4.9773	**822-F2DSR**	254	**1**	1	Yes	307620	10.0256
822-C3ASR	354	**1**	1	Yes	315205	4.2673	**822-F2PNQ**	331	**1**	1	Yes	380265	4.1769
822-C3DF	294	**1**	1	Yes	315663	4.4167	**822-F2PNR**	331	**1**	1	Yes	380241	3.5789
822-C3DNQ	294	**1**	1	Yes	315335	8.4684	**822-F2PSQ**	331	**1**	1	Yes	307637	4.85
822-C3DNR	294	**1**	4	Yes	315298	7.37	**822-F2PSR**	331	**1**	1	Yes	307644	2.5365
822-C3DSQ	294	**1**	1	Yes	315373	8.1252	**822-F3ANQ**	331	**1**	1	Yes	380333	4.1749
822-C3DSR	294	**1**	1	Yes	315342	7.4152	**822-F3ANR**	331	**1**	1	Yes	380319	4.2301
822-C3PF	354	**1**	1	Yes	315458	3.394	**822-F3ASQ**	331	**1**	1	Yes	307651	4.4049
822-C3PNQ	354	**1**	1	Yes	312082	5.4113	**822-F3ASR**	331	**1**	1	Yes	307668	3.9901
822-C3PNR	354	**1**	4	Yes	379931	3.7188	**822-F3DNQ**	254	**1**	1	Yes	381415	10.8
822-C3PSQ	354	**1**	1	Yes	315212	5.0813	**822-F3DNR**	254	**1**	1	Yes	381408	10.2
822-C3PSR	354	**1**	4	Yes	315229	3.6	**822-F3DSQ**	254	**1**	1	Yes	307675	10.3816
822-C4ANQ	354	**1**	1	Yes	315236	4.686	**822-F3DSR**	254	**1**	1	Yes	307682	10.04
822-C4ANR	354	**1**	1	Yes	377487	3.25	**822-F3PNQ**	331	**1**	1	Yes	380326	4.2789
822-C4ASQ	354	**1**	1	Yes	315243	4.686	**822-F3PNR**	331	**1**	1	Yes	380302	4.3341
822-C4ASR	354	**1**	1	Yes	315250	3.646	**822-F3PSQ**	331	**1**	1	Yes	307699	4.6941
822-C4PNQ	354	**1**	1	Yes	315267	4.79	**822-F3PSR**	331	**1**	1	Yes	307705	4.0941
822-C4PNR	354	**1**	1	Yes	379344	4.1	**822-S2A**	402	**6**	6	Yes	733894	1.5
822-C4PSQ	354	**1**	1	Yes	315274	4.46	**822-S2P**	402	**6**	6	Yes	733900	1.7333
822-C4PSR	354	**1**	4	Yes	315281	3.7	**822-TB**	330	**1**	10	Yes	379573	0.14
822-CF3ANQ	355	**1**	1	Yes	315519	5.7369	**823-24PSS**	405	1	1	Yes	314796	8.805
822-CF3ANR	355	**1**	1	Yes	315526	5.0469	**823-32PSS**	405	1	1	Yes	314819	11.685
822-CF3ASQ	355	**1**	1	Yes	315533	5.4069	**823-32PST**	405	1	1	Yes	326096	11.7
822-CF3ASR	355	**1**	1	Yes	315540	4.6969	**823-40PSS**	405	1	1	Yes	314833	14.1
822-CF3DNQ	294	**1**	1	Yes	315717	8.0734	**823-60PSS**	405	1	1	Yes	314529	19.25
822-CF3DNR	294	**1**	1	Yes	314505	11.2417	**823-60PST**	405	1	1	Yes	326119	19.55
822-CF3DSQ	294	**1**	1	Yes	314857	11.191	**823-T2A36T**	405	1	1	Yes	330130	7.1
822-CF3DSR	294	**1**	1	Yes	313546	10.5866	**823-T2A36V**	405	1	1	Yes	330260	5.1
822-CF3PNQ	355	**1**	1	Yes	315557	5.8409	**823-T2A72T**	405	1	1	Yes	330208	14.5187
822-CF3PNR	355	**1**	1	Yes	313485	5.1335	**823-T2A72V**	405	1	1	Yes	330215	8.85
822-CF3PSQ	355	**1**	1	Yes	315564	5.8145	**823-T2P36T**	405	1	1	Yes	330161	9.1501
822-CF3PSR	355	**1**	1	Yes	315571	4.7835	**823-T2P36V**	405	**1**	1	Yes	330321	4.95
822-CKIT	330	**1**	10	Yes	316585	0.644	**823-T2P72T**	405	1	1	Yes	330178	12.05
822-CKIT	331	**1**	10	Yes	316585	0.644	**823-T2P72V**	405	1	1	Yes	330246	8.75

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
823-TX26SA	404	**1**	1	Yes	324979	6.316
823-TX26SP	404	**1**	1	Yes	323736	5.3
823-TX26TA	404	**1**	1	Yes	323767	6.5072
823-TX26TP	404	**1**	1	Yes	323583	6.5962
823-TX26WA	404	**1**	1	Yes	323705	7.8072
823-TX26WP	404	**1**	1	Yes	323521	7.2
823-TX30SA	404	**1**	1	Yes	323835	6.916
823-TX30SP	404	**1**	1	Yes	323651	5.8
823-TX30TA	404	**1**	1	Yes	323774	7.1072
823-TX30TP	404	**1**	1	Yes	323590	7.1962
823-TX30WA	404	**1**	1	Yes	323712	9.3072
823-TX30WP	404	**1**	1	Yes	323538	8.2
823-TX36SA	404	**1**	1	Yes	323842	7.5072
823-TX36SP	404	**1**	1	Yes	323668	6.7
823-TX36TA	404	**1**	1	Yes	324986	8.1072
823-TX36TP	404	**1**	1	Yes	329370	7.5
823-TX36WA	404	**1**	1	Yes	323729	10.7072
823-TX36WP	404	**1**	1	Yes	323545	9.2
823-TX40SA	404	**1**	1	Yes	323859	7.9072
823-TX40SP	404	**1**	1	Yes	323675	7.2
823-TX40TA	404	**1**	1	Yes	324900	8.7072
823-TX40TP	404	**1**	1	Yes	329387	7.85
823-TX40WA	404	**1**	1	Yes	325167	11.5072
823-TX40WP	404	**1**	1	Yes	323552	11.43
823-TX48SA	404	**1**	1	Yes	323866	8.5139
823-TX48SP	404	**1**	1	Yes	323682	8.65
823-TX48TA	404	**1**	1	Yes	323804	9.9072
823-TX48TP	404	**1**	1	Yes	323620	9.9962
823-TX48WA	404	**1**	1	Yes	323743	13.5072
823-TX48WP	404	**1**	1	Yes	323569	12.5
823-TX60SA	404	**1**	1	Yes	323873	11.1072
823-TX60SP	404	**1**	1	Yes	323699	10.15
823-TX60TA	404	**1**	1	Yes	323811	12.2139
823-TX60TP	404	**1**	1	Yes	329394	12.65
823-TX60WA	404	**1**	1	Yes	323750	16.516
823-TX60WP	404	**1**	1	Yes	323576	14.35
825-17P	406	20	20	Yes	356277	0.6939
825-17P9	406	**8**	8	Yes	748096	0.7188
825-1P	406	20	20	Yes	356291	0.6988
825-20A	406	20	20	Yes	300423	0.4143
825-20P	406	20	20	Yes	300430	0.5875
825-27A	406	20	20	Yes	300447	0.5172
825-27P	406	**20**	20	Yes	300454	0.5775
825-27P9	406	**8**	8	Yes	748102	0.7625
825-2A	406	**20**	20	Yes	300478	0.5215
825-2AFS	406	10	10	Yes	301574	0.2029
825-2APK	406	12	12	Yes	301543	0.6051
825-2P	406	**20**	20	Yes	300492	0.5833
825-2PFS	406	**10**	10	Yes	301550	0.828
825-2PPK	406	12	12	Yes	301505	0.5913

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
826-2A	407	1	20	Yes	301826	0.5193
826-2P	407	1	20	Yes	352231	0.5888
826-2PPK	407	10	10	Yes	301802	0.6226
827-2B	407	**20**	20	Yes	301765	1.3075
827-2BG	407	1	100	No	300577	0.059
827-2BG	407	1	100	No	300577	0.059
827-2J	407	1	10	Yes	302045	1.535
827-2RBPK2	409	5	5	Yes	320964	0.1412
827-2RBQ	409	1	100	Yes	331144	0.2145
827-2RBQPK1	409	1	5	Yes	722959	0.27
827-2S	409	1	100	Yes	300645	0.1482
827-2SMQPK1	409	1	5	Yes	703583	0.27
827-2SMRPK1	409	**5**	5	Yes	703590	0.22
827-2SNPK2	409	**5**	5	Yes	320988	0.21
827-2SNQPK1	409	1	5	Yes	722973	0.28
827-2SPK1	409	10	10	Yes	301741	0.204
827-2SPPK1	409	1	5	Yes	301758	0.28
827-2SQPK1	409	1	5	Yes	722980	0.27
827-2SWPK1	409	1	5	Yes	315410	0.22
828-2	407	**20**	20	Yes	300676	0.6066
828-2PK	407	10	10	Yes	301710	0.5466
828-GC	407	1	10	No	328298	0.13
828-GC	407	1	10	No	328298	0.13
832-25AF	314	**1**	10	Yes	305459	1.2149
832-25ANQ	315	**1**	1	Yes	305466	4.0067
832-25ANR	315	**1**	1	Yes	305473	3.2705
832-25ASQ	315	**1**	1	Yes	307712	3.6617
832-25ASR	315	**1**	1	Yes	307729	3
832-25DF	238	**1**	1	Yes	381446	5.995
832-25DNQ	238	**1**	1	Yes	381484	9.95
832-25DNR	238	**1**	1	Yes	381460	9.15
832-25DSQ	238	**1**	1	Yes	307736	9.6662
832-25DSR	238	**1**	1	Yes	307743	9.05
832-25PF	314	**1**	10	Yes	306173	1.37
832-25PNQ	315	**1**	1	Yes	306180	3.5073
832-25PNR	315	**1**	1	Yes	306197	2.7711
832-25PSQ	315	**1**	1	Yes	307750	3.1623
832-25PSR	315	**1**	1	Yes	307767	3
832-2AF	313	**1**	10	Yes	377425	1.7364
832-2ANQ	313	**1**	1	Yes	377418	5.091
832-2ANR	313	**1**	1	Yes	377395	3.937
832-2ASQ	313	**1**	1	Yes	307774	4.9099
832-2ASR	313	**1**	1	Yes	307781	3.7
832-2PF	313	**1**	10	Yes	376565	2.0409
832-2PNQ	313	**1**	1	Yes	377401	5.3261
832-2PNR	313	**1**	1	Yes	376510	4.4345
832-2PSQ	313	**1**	1	Yes	307798	4.9
832-2PSR	313	**1**	1	Yes	307804	4
832-35AF	314	**1**	10	Yes	306210	1.2129
832-35ANQ	315	**1**	1	Yes	306227	4.0047

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
832-35ANR	315	**1**	1	Yes	306234	3.2685
832-35ASQ	315	**1**	1	Yes	307811	3.6597
832-35ASR	315	**1**	1	Yes	307828	3.0285
832-35DF	238	**1**	1	Yes	381453	6.3735
832-35DNQ	238	**1**	1	Yes	381491	9.4
832-35DNR	238	**1**	1	Yes	381477	9.4
832-35DSQ	238	**1**	1	Yes	307835	9.75
832-35DSR	238	**1**	1	Yes	307842	8.65
832-35PF	314	**1**	10	Yes	306241	1.3413
832-35PNQ	315	**1**	1	Yes	306258	4.1087
832-35PNR	315	**1**	1	Yes	306272	3.3725
832-35PSQ	315	**1**	1	Yes	307859	3.6
832-35PSR	315	**1**	1	Yes	307866	3
832-36AF	313	**1**	10	Yes	374677	1.413
832-36ANQ	313	**1**	1	Yes	374806	4.8811
832-36ANR	313	**1**	1	Yes	374721	3.45
832-36ASQ	313	**1**	1	Yes	381583	4.6099
832-36ASR	313	**1**	1	Yes	381590	3.38
832-36PF	313	**1**	10	Yes	374226	1.5898
832-36PNQ	313	**1**	1	Yes	374530	5.0345
832-36PNR	313	**1**	1	Yes	374462	3.5
832-36PSQ	313	**1**	1	Yes	381606	4.8
832-36PSR	313	**1**	1	Yes	381613	3.65
832-3DF	237	**1**	5	Yes	376046	6.6064
832-3DHNQ	238	**1**	1	Yes	381514	3.6
832-3DHNQ	243	**1**	1	Yes	381514	3.6
832-3DHNQ	245	**1**	1	Yes	381514	3.6
832-3DHNQ	253	**1**	1	Yes	381514	3.6
832-3DHNR	238	**1**	10	Yes	381507	2.685
832-3DHNR	243	**1**	10	Yes	381507	2.685
832-3DHNR	245	**1**	10	Yes	381507	2.685
832-3DHNR	253	**1**	10	Yes	381507	2.685
832-3DHSQ	238	**1**	1	Yes	381620	3.1918
832-3DHSQ	243	**1**	1	Yes	381620	3.1918
832-3DHSQ	245	**1**	1	Yes	381620	3.1918
832-3DHSQ	253	**1**	1	Yes	381620	3.1918
832-3DHSR	238	**1**	1	Yes	381637	2.7
832-3DHSR	243	**1**	1	Yes	381637	2.7
832-3DHSR	245	**1**	1	Yes	381637	2.7
832-3DHSR	253	**1**	1	Yes	381637	2.7
832-3DIR	237	**1**	1	Yes	376053	10.325
832-3DNQ	237	**1**	1	Yes	376060	11.0378
832-3DNR	237	**1**	1	Yes	376077	10.1486
832-3DSQ	237	**1**	1	Yes	381781	11.0786
832-3DSR	237	**1**	1	Yes	381798	9.9
832-3HHD	314	**1**	10	Yes	315793	0.795
832-3HHD	322	**1**	10	Yes	315793	0.795
832-3HHD	325	**1**	10	Yes	315793	0.795
832-3HHD	327	**1**	10	Yes	315793	0.795
832-3HHD	331	**1**	10	Yes	315793	0.795
832-3HNQ	314	**1**	10	Yes	306289	2.2
832-3HNQ	322	**1**	10	Yes	306289	2.2
832-3HNQ	325	**1**	10	Yes	306289	2.2
832-3HNQ	327	**1**	10	Yes	306289	2.2
832-3HNQ	331	**1**	10	Yes	306289	2.2
832-3HNR	314	**1**	10	Yes	306296	1.5212
832-3HNR	322	**1**	10	Yes	306296	1.5212
832-3HNR	325	**1**	10	Yes	306296	1.5212
832-3HNR	327	**1**	10	Yes	306296	1.5212
832-3HNR	331	**1**	10	Yes	306296	1.5212
832-3HS	314	**1**	20	No	708366	0.72
832-3HS	322	**1**	20	No	708366	0.72
832-3HS	325	**1**	20	No	708366	0.72
832-3HS	327	**1**	20	No	708366	0.72
832-3HS	331	**1**	20	No	708366	0.72
832-3HSQ	314	**1**	1	Yes	381644	2.076
832-3HSQ	322	**1**	1	Yes	381644	2.076
832-3HSQ	325	**1**	1	Yes	381644	2.076
832-3HSQ	327	**1**	1	Yes	381644	2.076
832-3HSQ	331	**1**	1	Yes	381644	2.076
832-3HSR	314	**1**	10	Yes	381651	1.53
832-3HSR	322	**1**	10	Yes	381651	1.53
832-3HSR	325	**1**	10	Yes	381651	1.53
832-3HSR	327	**1**	10	Yes	381651	1.53
832-3HSR	331	**1**	10	Yes	381651	1.53
832-3SF	240	**1**	1	Yes	381668	7.7817
832-3SSQ	241	**1**	1	Yes	381675	11.6387
832-3SSR	241	**1**	1	Yes	381682	9.85
832-49DF	239	**1**	1	Yes	310026	8.2494
832-49DNR	239	**1**	1	Yes	310033	14.5234
832-49DSR	239	**1**	1	Yes	310040	14.9253
832-4AF	313	**1**	10	Yes	374660	1.6212
832-4ANQ	313	**1**	1	Yes	374820	5.0148
832-4ANR	313	**1**	1	Yes	374745	4.0148
832-4ASQ	313	**1**	1	Yes	381699	4.7436
832-4ASR	313	**1**	1	Yes	381705	3.55
832-4DF	237	**1**	5	Yes	376084	6.7017
832-4DHIR	237	**1**	10	Yes	376091	3.3488
832-4DHIR	240	**1**	10	Yes	376091	3.3488
832-4DHIR	242	**1**	10	Yes	376091	3.3488
832-4DHIR	244	**1**	10	Yes	376091	3.3488
832-4DHNQ	237	**1**	10	Yes	376107	4.2546
832-4DHNQ	240	**1**	10	Yes	376107	4.2546
832-4DHNQ	242	**1**	10	Yes	376107	4.2546
832-4DHNQ	244	**1**	10	Yes	376107	4.2546
832-4DHNR	237	**1**	10	Yes	376114	3.3738
832-4DHNR	240	**1**	10	Yes	376114	3.3738
832-4DHNR	242	**1**	10	Yes	376114	3.3738
832-4DHNR	244	**1**	10	Yes	376114	3.3738
832-4DHSQ	237	**1**	10	Yes	381712	4.208

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
832-4DHSQ	240	**1**	10	Yes	381712	4.208
832-4DHSQ	242	**1**	10	Yes	381712	4.208
832-4DHSQ	244	**1**	10	Yes	381712	4.208
832-4DHSR	237	**1**	10	Yes	381729	3.025
832-4DHSR	240	**1**	10	Yes	381729	3.025
832-4DHSR	242	**1**	10	Yes	381729	3.025
832-4DHSR	244	**1**	10	Yes	381729	3.025
832-4DIR	237	**1**	1	Yes	376121	10.2662
832-4DNQ	237	**1**	1	Yes	376138	11.0158
832-4DNR	237	**1**	1	Yes	376145	9.9208
832-4DSQ	237	**1**	1	Yes	381804	10.9886
832-4DSR	237	**1**	1	Yes	381811	9.85
832-4HHD	313	**1**	10	Yes	377609	0.9304
832-4HHD	321	**1**	10	Yes	377609	0.9304
832-4HHD	324	**1**	10	Yes	377609	0.9304
832-4HHD	326	**1**	10	Yes	377609	0.9304
832-4HNQ	313	**1**	10	Yes	374080	2.7186
832-4HNQ	321	**1**	10	Yes	374080	2.7186
832-4HNQ	324	**1**	10	Yes	374080	2.7186
832-4HNQ	326	**1**	10	Yes	374080	2.7186
832-4HNR	313	**1**	10	Yes	373908	1.85
832-4HNR	321	**1**	10	Yes	373908	1.85
832-4HNR	324	**1**	10	Yes	373908	1.85
832-4HNR	326	**1**	10	Yes	373908	1.85
832-4HPR	313	**1**	10	Yes	711960	0.945
832-4HPR	321	**1**	10	Yes	711960	0.945
832-4HPR	324	**1**	10	Yes	711960	0.945
832-4HPR	326	**1**	10	Yes	711960	0.945
832-4HSQ	313	**1**	1	Yes	381736	2.95
832-4HSQ	321	**1**	1	Yes	381736	2.95
832-4HSQ	324	**1**	1	Yes	381736	2.95
832-4HSQ	326	**1**	1	Yes	381736	2.95
832-4HSR	313	**1**	10	Yes	381743	1.714
832-4HSR	321	**1**	10	Yes	381743	1.714
832-4HSR	324	**1**	10	Yes	381743	1.714
832-4HSR	326	**1**	10	Yes	381743	1.714
832-4PF	313	**1**	10	Yes	374363	1.7776
832-4PNQ	313	**1**	1	Yes	374547	5.1712
832-4PNR	313	**1**	1	Yes	374400	4.1712
832-4PSQ	313	**1**	1	Yes	381750	4.9
832-4PSR	313	**1**	1	Yes	381767	3.75
832-4SF	240	**1**	1	Yes	381774	7.9015
832-4SHSQ	241	**1**	1	Yes	381828	4.117
832-4SHSR	241	**1**	1	Yes	381835	3.878
832-4SSQ	241	**1**	1	Yes	381842	11.7585
832-4SSR	241	**1**	1	Yes	381859	9.95
832-63DF	239	**1**	1	Yes	306319	7.2966
832-63DIR	240	**1**	1	Yes	306333	10.5602
832-63DNQ	240	**1**	1	Yes	306340	11.5096
832-63DNR	240	**1**	1	Yes	306357	10.3648
832-63DSQ	240	**1**	1	Yes	381866	11.3286
832-63DSR	240	**1**	1	Yes	381873	11.0896
832-64DF	239	**1**	1	Yes	306371	9.0259
832-64DIR	240	**1**	1	Yes	306395	12.262
832-64DNQ	240	**1**	1	Yes	306418	13.239
832-64DNR	240	**1**	1	Yes	306432	12.0941
832-64DSQ	240	**1**	1	Yes	381880	13.058
832-64DSR	240	**1**	1	Yes	381897	11.93
832-6DF	239	**1**	1	Yes	310057	15.05
832-6DHNR	239	**1**	1	Yes	310064	5.55
832-6DHSR	239	**1**	1	Yes	310071	5.7615
832-6DNR	239	**1**	1	Yes	310088	20.45
832-6DSR	239	**1**	1	Yes	310095	16.4397
832-EPS3	315	**1**	10	Yes	713728	0.9504
832-EPS3	323	**1**	10	Yes	713728	0.9504
832-EPS3	331	**1**	10	Yes	713728	0.9504
832-EX3	315	**1**	1	Yes	318565	1.5
832-EX3	323	**1**	1	Yes	318565	1.5
832-EX3	325	**1**	1	Yes	318565	1.5
832-EX3	327	**1**	1	Yes	318565	1.5
832-EX3	331	**1**	1	Yes	318565	1.5
832-EX3	355	**1**	1	Yes	318565	1.5
832-EX3CQ	238	**1**	1	Yes	318565	1.5
832-EX3CQ	243	**1**	1	Yes	318565	1.5
832-EX3CQ	245	**1**	1	Yes	318565	1.5
832-EX3CQ	254	**1**	1	Yes	318565	1.5
832-EX4	314	**1**	1	Yes	374943	1.45
832-EX4	322	**1**	1	Yes	374943	1.45
832-EX4	324	**1**	1	Yes	374943	1.45
832-EX4	326	**1**	1	Yes	374943	1.45
832-EX4	351	**1**	1	Yes	374943	1.45
832-EX4CQ	237	**1**	1	Yes	374943	1.65
832-EX4CQ	240	**1**	1	Yes	374943	1.65
832-EX4CQ	242	**1**	1	Yes	374943	1.65
832-EX4CQ	244	**1**	1	Yes	374943	1.65
832-EX4CQ	285	**1**	1	Yes	374943	1.65
832-EX4CQ	287	**1**	1	Yes	374943	1.65
832-P	314	**1**	10	Yes	327871	1.05
832-P	315	**1**	10	Yes	327871	1.05
832-P	322	**1**	10	Yes	327871	1.05
832-P	323	**1**	10	Yes	327871	1.05
832-P	324	**1**	10	Yes	327871	1.05
832-P	325	**1**	10	Yes	327871	1.05
832-P	326	**1**	10	Yes	327871	1.05
832-P	327	**1**	10	Yes	327871	1.05
832-P	331	**1**	10	Yes	327871	1.05
832-PCQ	237	**1**	1	Yes	327871	1.05
832-PCQ	238	**1**	1	Yes	327871	1.05
832-PCQ	239	**1**	1	Yes	327871	1.05
832-PCQ	240	**1**	1	Yes	327871	1.05

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
832-PCQ	241	**1**	1	Yes	327871	1.05
832-PCQ	242	**1**	1	Yes	327871	1.05
832-PCQ	243	**1**	1	Yes	327871	1.05
832-PCQ	244	**1**	1	Yes	327871	1.05
832-PCQ	245	**1**	1	Yes	327871	1.05
832-PCQ	285	**1**	1	Yes	327871	1.05
832-PCQ	286	**1**	1	Yes	327871	1.05
832-PCQ	287	**1**	1	Yes	327871	1.05
832-PCQ	287	**1**	1	Yes	327871	1.05
832-S3	315	**10**	10	Yes	374318	0.0868
832-S3	323	**10**	10	Yes	374318	0.0868
832-S3	325	**10**	10	Yes	374318	0.0868
832-S3	327	**10**	10	Yes	374318	0.0868
832-S3	331	**10**	10	Yes	374318	0.0868
832-S3	355	**10**	10	Yes	374318	0.0868
832-S3CQ	238	**1**	10	Yes	374318	0.0868
832-S3CQ	243	**1**	10	Yes	374318	0.0868
832-S3CQ	245	**1**	10	Yes	374318	0.0868
832-S3CQ	254	**1**	10	Yes	374318	0.0868
832-S4	314	**10**	10	Yes	373823	0.098
832-S4	322	**10**	10	Yes	373823	0.098
832-S4	324	**10**	10	Yes	373823	0.098
832-S4	326	**10**	10	Yes	373823	0.098
832-S4	351	**10**	10	Yes	373823	0.098
832-S4CQ	237	**1**	10	Yes	373823	0.098
832-S4CQ	240	**1**	10	Yes	373823	0.098
832-S4CQ	241	**1**	10	Yes	373823	0.098
832-S4CQ	242	**1**	10	Yes	373823	0.098
832-S4CQ	244	**1**	10	Yes	373823	0.098
832-S4CQ	285	**1**	10	Yes	373823	0.098
832-S4CQ	287	**1**	10	Yes	373823	0.098
832-S4CQ	287	**1**	10	Yes	373823	0.098
832-SD9	239	**1**	1	Yes	727602	8.35
832-UM	314	**1**	15	Yes	356505	0.1536
832-UM	318	**1**	15	Yes	356505	0.1536
832-UM	322	**1**	15	Yes	356505	0.1536
832-UM	324	**1**	15	Yes	356505	0.1536
832-UM	326	**1**	15	Yes	356505	0.1536
832-UMCQ	237	**1**	15	Yes	356505	0.85
832-UMCQ	240	**1**	15	Yes	356505	0.85
832-UMCQ	241	**1**	15	Yes	356505	0.85
832-UMCQ	242	**1**	15	Yes	356505	0.85
832-UMCQ	244	**1**	15	Yes	356505	0.85
832-W	314	**10**	10	Yes	303349	0.0896
832-W	315	**10**	10	Yes	303349	0.0896
832-W	322	**10**	10	Yes	303349	0.0896
832-W	323	**10**	10	Yes	303349	0.0896
832-W	324	**10**	10	Yes	303349	0.0896
832-W	325	**10**	10	Yes	303349	0.0896
832-W	326	**10**	10	Yes	303349	0.0896

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
832-W	327	**10**	10	Yes	303349	0.0896
832-W	331	**10**	10	Yes	303349	0.0896
832-W	351	**10**	10	Yes	303349	0.0896
832-W	355	**10**	10	Yes	303349	0.0896
832-WCQ	237	**1**	10	Yes	303349	0.0896
832-WCQ	238	**1**	10	Yes	303349	0.0896
832-WCQ	239	**1**	10	Yes	303349	0.0896
832-WCQ	240	**1**	10	Yes	303349	0.0896
832-WCQ	241	**1**	10	Yes	303349	0.0896
832-WCQ	242	**1**	10	Yes	303349	0.0896
832-WCQ	243	**1**	10	Yes	303349	0.0896
832-WCQ	244	**1**	10	Yes	303349	0.0896
832-WCQ	245	**1**	10	Yes	303349	0.0896
832-WCQ	285	**1**	10	Yes	303349	0.0896
832-WCQ	286	**1**	10	Yes	303349	0.0896
832-WCQ	287	**1**	10	Yes	303349	0.0896
832-WCQ	287	**1**	10	Yes	303349	0.0896
833-225DF	243	**1**	1	Yes	381903	10.8
833-225DNQ	243	**1**	1	Yes	381910	16.2751
833-225DNR	243	**1**	1	Yes	381927	15.4
833-225DSQ	243	**1**	1	Yes	381934	15.9301
833-225DSR	243	**1**	1	Yes	381941	15.04
833-225F	324	**1**	1	Yes	381958	8.53
833-225NQ	325	**1**	1	Yes	381965	11.042
833-225NR	325	**1**	1	Yes	381972	10.337
833-225SQ	325	**1**	1	Yes	381989	10.6974
833-225SR	325	**1**	1	Yes	381996	10.0974
833-22DF	242	**1**	1	Yes	376152	12.738
833-22DIR	242	**1**	1	Yes	376169	15.7778
833-22DNQ	242	**1**	1	Yes	376176	16.9359
833-22DNR	242	**1**	1	Yes	376183	13.95
833-22DSQ	242	**1**	1	Yes	382009	16.77
833-22DSR	242	**1**	1	Yes	382016	16.531
833-22F	323	**1**	1	Yes	374851	8.2898
833-22NQ	324	**1**	1	Yes	374868	11.8594
833-22NR	324	**1**	1	Yes	374875	10.8594
833-22SQ	324	**1**	1	Yes	382023	11.5946
833-22SR	324	**1**	1	Yes	382030	8.7
833-235DF	243	**1**	1	Yes	382047	11.9
833-235DNQ	243	**1**	1	Yes	382054	14.5241
833-235DNR	243	**1**	1	Yes	382061	14.3
833-235DSQ	243	**1**	1	Yes	382078	14.1791
833-235DSR	243	**1**	1	Yes	382085	14.71
833-235F	324	**1**	1	Yes	382092	6.9946
833-235NQ	325	**1**	1	Yes	382108	9.291
833-235NR	325	**1**	1	Yes	382115	8.586
833-235SQ	325	**1**	1	Yes	382122	8.9464
833-235SR	325	**1**	1	Yes	382139	9.13
833-23DF	242	**1**	1	Yes	376190	10.987
833-23DIR	242	**1**	1	Yes	376206	15.2927

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
833-23DNQ	242	**1**	1	Yes	376213	14.7	**833-3AF**	321	**1**	1	Yes	375100	2.25
833-23DNR	242	**1**	1	Yes	376220	13.8	**833-3ANQ**	321	**1**	1	Yes	375117	7.1736
833-23DSQ	242	**1**	1	Yes	382146	15.019	**833-3ANR**	321	**1**	1	Yes	375124	4.25
833-23DSR	242	**1**	1	Yes	382153	14.85	**833-3ASQ**	321	**1**	1	Yes	382467	5.6191
833-23F	323	**1**	1	Yes	374905	7.1238	**833-3ASR**	321	**1**	1	Yes	382474	4.3
833-23NQ	324	**1**	1	Yes	374912	10.1084	**833-3PF**	321	**1**	10	Yes	373878	2.5721
833-23NR	324	**1**	1	Yes	374929	9.1084	**833-3PNQ**	321	**1**	1	Yes	375070	5.5997
833-23SQ	324	**1**	1	Yes	382160	9.8436	**833-3PNR**	321	**1**	1	Yes	374233	4.3586
833-23SR	324	**1**	1	Yes	382177	9.57	**833-3PSQ**	321	**1**	1	Yes	382481	5.7938
833-24DF	242	**1**	1	Yes	376237	11.9711	**833-3PSR**	321	**1**	1	Yes	382498	4.5
833-24DIR	242	**1**	1	Yes	376244	15.3883	**833-4AF**	321	**1**	10	Yes	375162	5.0604
833-24DNQ	242	**1**	1	Yes	376251	16.6523	**833-4ANQ**	321	**1**	1	Yes	375179	7.2236
833-24DNR	242	**1**	1	Yes	376268	14.8151	**833-4ANR**	321	**1**	1	Yes	375186	6.2236
833-24DSQ	242	**1**	1	Yes	382184	16.519	**833-4ASQ**	321	**1**	1	Yes	382504	5.6588
833-24DSR	242	**1**	1	Yes	382191	16.28	**833-4ASR**	321	**1**	1	Yes	382511	4.633
833-24F	323	**1**	1	Yes	373885	8.0388	**833-4PF**	321	**1**	10	Yes	374356	2.455
833-24NQ	324	**1**	1	Yes	374950	11.6084	**833-4PNQ**	321	**1**	1	Yes	375483	7.3486
833-24NR	324	**1**	1	Yes	374974	10.6084	**833-4PNR**	321	**1**	1	Yes	374240	6.3486
833-24SQ	324	**1**	1	Yes	382207	11.3436	**833-4PSQ**	321	**1**	1	Yes	382528	5.7941
833-24SR	324	**1**	1	Yes	382214	10.3242	**833-4PSR**	321	**1**	1	Yes	382535	4.45
833-25AF	322	**1**	1	Yes	382221	2.206	**833-625DF**	245	**1**	1	Yes	382542	11.2566
833-25ANQ	323	**1**	1	Yes	382238	4.892	**833-625DNQ**	245	**1**	1	Yes	382559	14.7941
833-25ANR	323	**1**	1	Yes	382245	4.187	**833-625DNR**	245	**1**	1	Yes	382566	14.0891
833-25ASQ	323	**1**	1	Yes	382252	4.5466	**833-625DSQ**	245	**1**	1	Yes	382573	14.4491
833-25ASR	323	**1**	1	Yes	382269	3.82	**833-625DSR**	245	**1**	1	Yes	382580	13.8491
833-25PF	322	**1**	1	Yes	382276	2.491	**833-625F**	327	**1**	1	Yes	382597	7.2646
833-25PNQ	323	**1**	1	Yes	382283	5.177	**833-625NQ**	327	**1**	1	Yes	382603	9.561
833-25PNR	323	**1**	1	Yes	382290	4.472	**833-625NR**	327	**1**	1	Yes	382610	8.856
833-25PSQ	323	**1**	1	Yes	382306	4.8316	**833-625SQ**	327	**1**	1	Yes	382627	9.2164
833-25PSR	323	**1**	1	Yes	382313	4.2316	**833-625SR**	327	**1**	1	Yes	382634	8.6164
833-2AF	321	**1**	10	Yes	375001	2.3317	**833-62DF**	244	**1**	1	Yes	376275	10.692
833-2ANQ	321	**1**	1	Yes	375018	7.0086	**833-62DIR**	244	**1**	1	Yes	376282	14.522
833-2ANR	321	**1**	1	Yes	375025	4.727	**833-62DNQ**	244	**1**	1	Yes	376299	14.522
833-2ASQ	321	**1**	1	Yes	382320	5.4541	**833-62DNR**	244	**1**	1	Yes	376305	14.31
833-2ASR	321	**1**	1	Yes	382337	4.21	**833-62DSQ**	244	**1**	1	Yes	382641	15.289
833-2PF	321	**1**	10	Yes	374325	2.6168	**833-62DSR**	244	**1**	1	Yes	382658	15.05
833-2PNQ	321	**1**	1	Yes	375056	5.585	**833-62F**	325	**1**	1	Yes	375230	6.8088
833-2PNR	321	**1**	1	Yes	365194	4.65	**833-62NQ**	326	**1**	1	Yes	375247	10.3784
833-2PSQ	321	**1**	1	Yes	382344	5.7392	**833-62NR**	326	**1**	1	Yes	375261	10.9505
833-2PSR	321	**1**	1	Yes	382351	4.7198	**833-62SQ**	326	**1**	1	Yes	382665	10.1136
833-35AF	322	**1**	1	Yes	382368	2.371	**833-62SR**	326	**1**	1	Yes	382672	9.0878
833-35ANQ	323	**1**	1	Yes	382375	5.057	**833-635DF**	245	**1**	1	Yes	382689	12.8266
833-35ANR	323	**1**	1	Yes	382382	4.352	**833-635DNQ**	245	**1**	1	Yes	304186	16.3641
833-35ASQ	323	**1**	1	Yes	382399	4.7116	**833-635DNR**	245	**1**	1	Yes	304414	15.315
833-35ASR	323	**1**	1	Yes	382405	3.9	**833-635DSQ**	245	**1**	1	Yes	304438	16.0191
833-35PF	322	**1**	1	Yes	382412	2.556	**833-635DSR**	245	**1**	1	Yes	305206	14.95
833-35PNQ	323	**1**	1	Yes	382429	5.242	**833-635F**	327	**1**	1	Yes	305589	8.8346
833-35PNR	323	**1**	1	Yes	382436	4.537	**833-635NQ**	327	**1**	1	Yes	305596	11.131
833-35PSQ	323	**1**	1	Yes	382443	4.8966	**833-635NR**	327	**1**	1	Yes	305657	10.426
833-35PSR	323	**1**	1	Yes	382450	4.2	**833-635SQ**	327	**1**	1	Yes	305725	10.7473

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
833-635SR	327	**1**	1	Yes	306647	10.1864	**834-49DF**	286	**1**	1	Yes	331076	8.2494
833-63DF	244	**1**	1	Yes	376312	12.262	**834-49DIR**	286	**1**	1	Yes	474094	16.8326
833-63DIR	244	**1**	1	Yes	376329	16.092	**834-49DNR**	286	**1**	1	Yes	327734	17.0498
833-63DNQ	244	**1**	1	Yes	376336	16.8433	**834-49DSR**	286	**1**	1	Yes	331243	16.8572
833-63DNR	244	**1**	1	Yes	376343	15.741	**834-4AF**	351	**1**	10	Yes	374691	1.7006
833-63DSQ	244	**1**	1	Yes	306951	16.859	**834-4ANQ**	351	**1**	1	Yes	375414	5.3
833-63DSR	244	**1**	1	Yes	306968	16.62	**834-4ANR**	351	**1**	1	Yes	375421	4.3742
833-63F	325	**1**	1	Yes	374264	8.3788	**834-4ASQ**	351	**1**	1	Yes	307149	5.6528
833-63NQ	326	**1**	1	Yes	375254	11.9484	**834-4ASR**	351	**1**	1	Yes	307156	4.7981
833-63NR	326	**1**	1	Yes	375285	9.15	**834-4DF**	285	**1**	5	Yes	376435	7.0796
833-63SQ	326	**1**	1	Yes	306975	11.6836	**834-4DHIR**	285	**1**	10	Yes	376442	3.5164
833-63SR	326	**1**	1	Yes	306982	10.6578	**834-4DHIR**	287	**1**	10	Yes	376442	3.5164
833-64DF	244	**1**	1	Yes	376350	12.95	**834-4DHNQ**	285	**1**	10	Yes	376459	4.8502
833-64DIR	244	**1**	1	Yes	376367	16.305	**834-4DHNQ**	287	**1**	10	Yes	376459	4.8502
833-64DNQ	244	**1**	1	Yes	376374	16.7919	**834-4DHNR**	285	**1**	10	Yes	376466	3.7
833-64DNR	244	**1**	1	Yes	376381	15.7924	**834-4DHNR**	287	**1**	10	Yes	376466	3.7
833-64DSQ	244	**1**	1	Yes	306999	17.072	**834-4DHSQ**	285	**1**	1	Yes	307163	5.0336
833-64DSR	244	**1**	1	Yes	307002	16.833	**834-4DHSQ**	287	**1**	1	Yes	307163	5.0336
833-64F	325	**1**	4	Yes	374707	8.8693	**834-4DHSR**	285	**1**	1	Yes	307170	4
833-64NQ	326	**1**	1	Yes	375315	12.1614	**834-4DHSR**	287	**1**	1	Yes	307170	4
833-64NR	326	**1**	1	Yes	374370	11.1614	**834-4DIR**	285	**1**	1	Yes	376473	10.494
833-64SQ	326	**1**	1	Yes	307019	11.8966	**834-4DNQ**	285	**1**	1	Yes	376480	11.8168
833-64SR	326	**1**	1	Yes	307026	10.8772	**834-4DNR**	285	**1**	1	Yes	376497	11
834-3AF	351	**1**	10	Yes	374684	1.5872	**834-4DSQ**	285	**1**	1	Yes	307187	11.9371
834-3ANQ	351	**1**	1	Yes	375346	5.6573	**834-4DSR**	285	**1**	1	Yes	307194	8.8881
834-3ANR	351	**1**	1	Yes	375353	4.2608	**834-4HNQ**	351	**1**	10	Yes	374165	3.8571
834-3ASQ	351	**1**	1	Yes	307033	5.5669	**834-4HNR**	351	**1**	10	Yes	373915	2.2846
834-3ASR	351	**1**	1	Yes	307040	4.6847	**834-4HPR**	351	**1**	1	Yes	736055	1.281
834-3DF	285	**1**	5	Yes	376398	7.1696	**834-4HSQ**	351	**1**	10	Yes	307224	3.67
834-3DHNQ	294	**1**	1	Yes	714206	4.1082	**834-4HSR**	351	**1**	10	Yes	307231	2.7085
834-3DHNR	294	**1**	1	Yes	315687	31.6	**834-4PF**	351	**1**	10	Yes	373892	1.9006
834-3DHSQ	294	**1**	1	Yes	714220	3.7782	**834-4PNQ**	351	**1**	1	Yes	375469	5.9707
834-3DHSR	294	**1**	1	Yes	714213	3.0682	**834-4PNR**	351	**1**	1	Yes	365187	4.65
834-3DIR	285	**1**	1	Yes	376404	10.7071	**834-4PSQ**	351	**1**	1	Yes	307248	5.72
834-3DNQ	285	**1**	1	Yes	376411	12.8062	**834-4PSR**	351	**1**	1	Yes	307255	4.3
834-3DNR	285	**1**	1	Yes	376428	11.1554	**834-4SF**	287	**1**	1	Yes	307262	8.0033
834-3DSQ	285	**1**	1	Yes	307057	12.0314	**834-4SHSQ**	287	**1**	1	Yes	307279	4.9513
834-3DSR	285	**1**	1	Yes	307064	11.2272	**834-4SHSR**	287	**1**	1	Yes	307286	3.75
834-3HNQ	354	**1**	1	Yes	315489	2.8354	**834-4SSQ**	287	**1**	1	Yes	307293	13.5515
834-3HNR	354	**1**	10	Yes	314727	1.75	**834-4SSR**	287	**1**	1	Yes	307323	11.55
834-3HSQ	354	**1**	1	Yes	315496	2.5054	**834-63DF**	286	**1**	1	Yes	377869	7.4196
834-3HSR	354	**1**	1	Yes	315502	1.7954	**834-63DIR**	287	**1**	1	Yes	306944	10.8461
834-3PF	351	**1**	10	Yes	374219	1.6894	**834-63DNQ**	287	**1**	1	Yes	306937	12.3089
834-3PNQ	351	**1**	1	Yes	374622	5.15	**834-63DNR**	287	**1**	1	Yes	306920	10.9081
834-3PNR	351	**1**	1	Yes	374196	4.4151	**834-63DSQ**	287	**1**	1	Yes	307330	12.2814
834-3PSQ	351	**1**	1	Yes	307071	5.15	**834-63DSR**	287	**1**	1	Yes	307347	11.4771
834-3PSR	351	**1**	1	Yes	307088	4.75	**834-64DF**	286	**1**	1	Yes	306913	9.1489
834-3SF	287	**1**	1	Yes	307095	7.8835	**834-64DIR**	287	**1**	1	Yes	306906	12.5755
834-3SSQ	287	**1**	1	Yes	307125	12.5515	**834-64DNQ**	287	**1**	1	Yes	306890	14.0385
834-3SSR	287	**1**	1	Yes	307132	11.7615	**834-64DNR**	287	**1**	1	Yes	306883	12.6375

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
834-64DSQ	287	**1**	1	Yes	307354	14.0108
834-64DSR	287	**1**	1	Yes	307361	11.25
834-6DF	286	**1**	1	Yes	380715	14.8
834-6DHIR	286	**1**	1	Yes	380722	7.65
834-6DHNR	286	**1**	1	Yes	312419	6.75
834-6DHSR	286	**1**	1	Yes	316288	6.85
834-6DIR	286	**1**	1	Yes	380739	23
834-6DNR	286	**1**	1	Yes	312426	18.935
834-6DSR	286	**1**	1	Yes	310781	0.1
835-2	149	**1**	50	Yes	207814	0.072
835-2	314	**1**	50	Yes	207814	0.072
835-2	315	**1**	50	Yes	207814	0.072
835-2	317	**1**	50	Yes	207814	0.072
835-2	322	**1**	50	Yes	207814	0.072
835-2	323	**1**	50	Yes	207814	0.072
835-2	324	**1**	50	Yes	207814	0.072
835-2	325	**1**	50	Yes	207814	0.072
835-2	326	**1**	50	Yes	207814	0.072
835-2	327	**1**	50	Yes	207814	0.072
835-2	328	**1**	50	Yes	207814	0.072
835-2	329	**1**	50	Yes	207814	0.072
835-2	330	**1**	50	Yes	207814	0.072
835-2	331	**1**	50	Yes	207814	0.072
835-2	332	**1**	50	Yes	207814	0.072
835-2	395	**1**	50	Yes	207814	0.072
835-2	396	**1**	50	Yes	207814	0.072
835-2	396	**1**	50	Yes	207814	0.072
835-2	397	**1**	50	Yes	207814	0.072
835-2	398	**1**	50	Yes	207814	0.072
835-2	399	**1**	50	Yes	207814	0.072
835-2	399	**1**	50	Yes	207814	0.072
835-2	400	**1**	50	Yes	207814	0.072
835-2	401	**1**	50	Yes	207814	0.072
835-2	401	**1**	50	Yes	207814	0.072
835-2	403	**1**	50	Yes	207814	0.072
835-2	404	**1**	50	Yes	207814	0.072
835-2	405	**1**	50	Yes	207814	0.072
835-2	406	**1**	50	Yes	207814	0.072
835-2	407	**1**	50	Yes	207814	0.072
835-2	407	**1**	50	Yes	207814	0.072
835-2	407	**1**	50	Yes	207814	0.072
835-2	414	**1**	50	Yes	207814	0.072
835-2	414	**1**	50	Yes	207814	0.072
835-2	415	**1**	50	Yes	207814	0.072
835-2CQ	238	**1**	50	Yes	207814	0.0014
835-2CQ	242	**1**	50	Yes	207814	0.0014
835-2CQ	243	**1**	50	Yes	207814	0.0014
835-2CQ	244	**1**	50	Yes	207814	0.0014
835-2CQ	245	**1**	50	Yes	207814	0.0014
835-2CQ	253	**1**	50	Yes	207814	0.0014
835-2CQ	254	**1**	50	Yes	207814	0.0014
835-2CQ	260	**1**	50	Yes	207814	0.0014
835-3	149	**1**	25	Yes	207784	0.168
835-3	314	**1**	25	Yes	207784	0.168
835-3	315	**1**	25	Yes	207784	0.168
835-3	317	**1**	25	Yes	207784	0.168
835-3	322	**1**	25	Yes	207784	0.168
835-3	323	**1**	25	Yes	207784	0.168
835-3	324	**1**	25	Yes	207784	0.168
835-3	325	**1**	25	Yes	207784	0.168
835-3	326	**1**	25	Yes	207784	0.168
835-3	327	**1**	25	Yes	207784	0.168
835-3	328	**1**	25	Yes	207784	0.168
835-3	329	**1**	25	Yes	207784	0.168
835-3	330	**1**	25	Yes	207784	0.168
835-3	331	**1**	25	Yes	207784	0.168
835-3	332	**1**	25	Yes	207784	0.168
835-3	402	**1**	25	Yes	207784	0.168
835-3	414	**1**	25	Yes	207784	0.168
835-3	415	**1**	25	Yes	207784	0.168
835-35	149	**1**	25	Yes	207821	0.23
835-35	317	**1**	25	Yes	207821	0.23
835-35	328	**1**	25	Yes	207821	0.23
835-35	329	**1**	25	Yes	207821	0.23
835-35	330	**1**	25	Yes	207821	0.23
835-35	332	**1**	25	Yes	207821	0.23
835-35	402	**1**	25	Yes	207821	0.23
835-35CQ	253	**1**	25	Yes	207821	0.0092
835-35CQ	260	**1**	25	Yes	207821	0.0092
835-3CQ	237	**1**	25	Yes	207784	0.166
835-3CQ	238	**1**	25	Yes	207784	0.166
835-3CQ	240	**1**	25	Yes	207784	0.166
835-3CQ	241	**1**	25	Yes	207784	0.166
835-3CQ	242	**1**	25	Yes	207784	0.166
835-3CQ	243	**1**	25	Yes	207784	0.166
835-3CQ	244	**1**	25	Yes	207784	0.166
835-3CQ	245	**1**	25	Yes	207784	0.166
835-3CQ	253	**1**	25	Yes	207784	0.166
835-3CQ	254	**1**	25	Yes	207784	0.166
835-3CQ	260	**1**	25	Yes	207784	0.166
835-4	149	**1**	20	Yes	202208	0.2525
835-4	314	**1**	20	Yes	202208	0.2525
835-4	317	**1**	20	Yes	202208	0.2525
835-4	322	**1**	20	Yes	202208	0.2525
835-4	324	**1**	20	Yes	202208	0.2525
835-4	326	**1**	20	Yes	202208	0.2525
835-4	328	**1**	20	Yes	202208	0.2525
835-4	329	**1**	20	Yes	202208	0.2525
835-4	332	**1**	20	Yes	202208	0.2525
835-4CQ	237	**1**	20	Yes	202208	0.25

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
835-4CQ	239	**1**	20	Yes	202208	0.25
835-4CQ	240	**1**	20	Yes	202208	0.25
835-4CQ	241	**1**	20	Yes	202208	0.25
835-4CQ	242	**1**	20	Yes	202208	0.25
835-4CQ	244	**1**	20	Yes	202208	0.25
835-4CQ	260	**1**	20	Yes	202208	0.25
836-2	261	**1**	1	Yes	327703	10.95
836-3	261	**1**	1	Yes	327710	9.05
836-4	261	**1**	1	Yes	327741	11.1
836-6	261	**1**	1	Yes	724946	15.5
837-06	304	**1**	1	Yes	726872	0.9
837-12	304	**1**	1	Yes	715890	1.6
837-7C15	305	**1**	1	No	725219	30.977
837-7C18	305	**1**	1	No	725226	36.38
837-7C22	305	**1**	1	No	725233	33.003
837-7CA15	305	**1**	1	No	725240	41.9
837-7CA18	305	**1**	1	No	725264	43.03
837-7CA22	305	**1**	1	No	725271	43.926
837-7D	306	**1**	1	No	716330	36.806
837-7D2	307	**1**	1	No	716354	54.1
837-7DC	307	**1**	1	No	743053	33
837-7P	306	**1**	1	No	716293	14.263
837-7P2	307	**1**	1	No	716316	32.407
837-7PC	307	**1**	1	No	743046	24
837-7PL	305	**1**	1	No	743039	24
837-7W	305	**1**	1	No	716378	5.35
837-7W	306	**1**	1	No	716378	5.35
837-7W	307	**1**	1	No	716378	5.35
837-FH	304	**1**	30	Yes	727954	0.859
837-FPA	304	**1**	1	Yes	727787	38.78
837-HBD	302	**1**	1	No	715883	55.666
837-HBL	302	**1**	1	No	715869	44.636
837-HBR	302	**1**	1	No	715876	44.636
837-HSD	301	**1**	1	No	715821	123.3
837-HSDF	304	**1**	1	Yes	750075	34.17
837-HSDW	301	**1**	1	No	715920	74.5
837-HSL	301	**1**	1	No	715807	67.15
837-HSLF	304	**1**	1	Yes	750051	23.14
837-HSLW	301	**1**	1	No	715913	74.5
837-HSR	301	**1**	1	No	715814	67.45
837-HSRF	304	**1**	1	Yes	750068	23.14
837-HSRW	301	**1**	1	No	715906	78.3
837-HXD	302	**1**	1	No	715852	40.186
837-HXL	302	**1**	1	No	715838	29.156
837-HXR	302	**1**	1	No	715845	29.156
837-LEG	304	**1**	1	Yes	727855	10.95
837-LEGHL	304	**1**	1	Yes	727831	-
837-LEGHR	304	**1**	1	Yes	727848	-
837-PHSL	301	**1**	1	No	750839	59
837-PHSR	301	**1**	1	No	750846	59
837-RA	304	**1**	35	Yes	727817	1.535
837-RH	304	**1**	35	Yes	727824	1.105
837-TF	304	**1**	20	Yes	734815	0.43
837-TR	304	**1**	15	Yes	727800	2.455
837-VB10	303	**1**	1	No	716095	56.724
837-VB12	303	**1**	1	No	716132	56.346
837-VB1L	303	**1**	1	No	716125	56.724
837-VB1R	303	**1**	1	No	716118	56.724
837-VB20	304	**1**	1	No	716101	67.574
837-VB21	304	**1**	1	No	716149	67.574
837-VB22	304	**1**	1	No	716156	-
837-VS10	302	**1**	1	No	715951	74.908
837-VS10W	303	**1**	1	No	716163	-
837-VS12	302	**1**	1	No	715968	74.53
837-VS12W	303	**1**	1	No	716200	-
837-VS1L	302	**1**	1	No	715975	74.908
837-VS1LW	303	**1**	1	No	716187	-
837-VS1R	302	**1**	1	No	715982	74.908
837-VS1RW	303	**1**	1	No	716194	-
837-VS20	302	**1**	1	No	715999	86.458
837-VS20W	303	**1**	1	No	716170	-
837-VS21	302	**1**	1	No	716002	85.758
837-VS21W	303	**1**	1	No	716217	-
837-VS22	302	**1**	1	No	716019	85.38
837-VS22W	303	**1**	1	No	716224	-
837-VX10	303	**1**	1	No	716026	41.244
837-VX12	303	**1**	1	No	716033	40.866
837-VX1L	303	**1**	1	No	716040	41.244
837-VX1R	303	**1**	1	No	716057	41.244
837-VX20	303	**1**	1	No	716064	52.094
837-VX21	303	**1**	1	No	716071	51.8137
837-VX22	303	**1**	1	No	716088	51.716
840-20ANR	414	1	10	Yes	300737	0.9172
840-20PCQ	415	1	5	Yes	318794	1.2845
840-20PNQ	414	1	1	Yes	318800	0.01
840-20PNR	414	1	10	Yes	300768	1.0955
840-20PSQ	415	1	1	Yes	318817	0.01
840-27A	414	20	20	Yes	351579	0.4077
840-27P	414	20	20	Yes	300775	0.4885
840-2A	414	1	20	Yes	300782	0.4077
840-2APK	414	10	10	Yes	300546	0.447
840-2P	414	20	20	Yes	300799	0.4933
840-2PPK	414	10	10	Yes	300508	0.5573
840-30PNR	414	1	10	Yes	300812	1.045
840-3A	414	1	20	Yes	300836	0.45
840-3APK	414	10	10	Yes	300744	0.47
840-3P	414	20	20	Yes	300843	0.5784
840-3PPK	414	10	10	Yes	300706	0.6123
841-29P	414	12	12	Yes	351371	1.1033
841-29PNR	414	1	2	Yes	308733	2.225

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
841-2A	414	12	12	Yes	300201	0.9585	**842-4LP**	317	**1**	10	Yes	301253	1.0946
841-2P	414	**12**	12	Yes	300188	1.1835	**842-4LSQ**	317	**1**	1	Yes	308078	2.5
841-2PPK	414	6	6	Yes	300188	1.2415	**842-4LSR**	317	**1**	10	Yes	308085	2.531
841-39P	414	12	12	Yes	351395	1.2133	**842-4PI**	316	**1**	2	Yes	305794	2.725
842-2ANQ	316	**1**	1	Yes	352651	2.6748	**842-4PNQ**	316	**1**	10	Yes	301284	3.6835
842-2ANR	316	**1**	10	Yes	300935	1.49	**842-4PNR**	316	**1**	10	Yes	320421	2.5899
842-2ASQ	316	**1**	1	Yes	307873	2.3298	**842-4PSQ**	316	**1**	1	Yes	308092	3.4979
842-2ASR	316	**1**	1	Yes	307880	1.7251	**842-4PSR**	316	**1**	10	Yes	308122	2.455
842-2LNQ	317	**1**	5	Yes	300966	1.5366	**842-712A**	438	**10**	10	Yes	313560	0.165
842-2LNR	317	**1**	10	Yes	300973	1.2076	**842-712P**	438	**10**	10	Yes	313577	0.205
842-2LP	317	**1**	10	Yes	300980	0.335	**842-82AT**	333	**1**	10	Yes	326287	0.3591
842-2LSQ	317	**1**	1	Yes	307897	1.2319	**842-82PT**	333	**1**	10	Yes	326263	0.4551
842-2LSR	317	**1**	1	Yes	307903	0.925	**842-83AT**	333	**1**	10	Yes	351715	0.7423
842-2PNQ	316	**1**	10	Yes	301024	2.47	**842-83PT**	333	**1**	10	Yes	326362	0.895
842-2PNR	316	**1**	10	Yes	356420	2.0768	**842-84AT**	333	**1**	10	Yes	353030	1.016
842-2PSQ	316	**1**	10	Yes	307910	2.585	**842-84PT**	333	**1**	10	Yes	326461	1.3204
842-2PSR	316	**1**	10	Yes	307927	1.8368	**842-SCS2**	332	**1**	1	Yes	309891	0.9153
842-36ANQ	316	**1**	1	Yes	352736	3.4213	**842-SCS3**	332	**1**	10	Yes	309884	1.4653
842-36ANR	316	**1**	1	Yes	351630	2.2253	**842-SCS4**	332	**1**	10	Yes	309402	0.845
842-36ASQ	316	**1**	1	Yes	307934	3.2357	**842-SCSQ2**	332	**1**	1	Yes	309877	0.9543
842-36ASR	316	**1**	1	Yes	307941	2.9455	**842-SCSQ3**	332	**1**	1	Yes	309860	2.2259
842-36LNQ	317	**1**	5	Yes	351432	3.1881	**842-SCSQ4**	332	**1**	1	Yes	309853	3.2112
842-36LNR	317	**1**	10	Yes	306678	2.1383	**842-SD4**	332	**1**	1	Yes	310958	0.95
842-36LP	317	**1**	1	Yes	352781	1.1576	**842-SN2**	332	**1**	20	Yes	353078	0.2575
842-36LSQ	317	**1**	1	Yes	307958	3.4732	**842-SN3**	332	**1**	10	Yes	301451	1.1021
842-36LSR	317	**1**	10	Yes	307965	1.618	**842-SN4**	332	**1**	20	Yes	301468	0.8375
842-36PI	316	**1**	2	Yes	352811	5.8445	**842-SNQ2**	332	**1**	1	Yes	309846	0.0001
842-36PNQ	316	**1**	10	Yes	351364	3.593	**842-SNQ3**	332	**1**	1	Yes	309839	2.1007
842-36PNR	316	**1**	10	Yes	306685	2.397	**842-SNQ4**	332	**1**	20	Yes	376039	1.2725
842-36PSQ	316	**1**	1	Yes	307972	3.4074	**842-SP2**	332	**1**	1	Yes	353085	0.2725
842-36PSR	316	**1**	10	Yes	307989	2.26	**842-SP3**	332	**1**	10	Yes	353092	0.4071
842-3ANQ	316	**1**	1	Yes	352866	2.7285	**842-SP4**	332	**1**	10	Yes	353108	0.34
842-3ANR	316	**1**	8	Yes	352033	1.7938	**842-SS2**	332	**1**	10	Yes	353115	0.261
842-3ASQ	316	**1**	1	Yes	307996	2.3835	**842-SS3**	332	**1**	10	Yes	353122	0.3147
842-3ASR	316	**1**	1	Yes	308009	1.75	**842-SS4**	332	**1**	10	Yes	351883	0.2942
842-3LNQ	317	**1**	5	Yes	305749	2.2517	**842-UM**	317	**1**	10	Yes	308139	0.1815
842-3LNR	317	**1**	10	Yes	301123	1.7444	**842-UM**	328	**1**	10	Yes	308139	0.1815
842-3LP	317	**1**	10	Yes	301130	0.9321	**843-2ANQ**	318	**1**	1	Yes	353160	1.8452
842-3LSQ	317	**1**	5	Yes	308016	1.9669	**843-2ANR**	318	**1**	10	Yes	306098	1.2974
842-3LSR	317	**1**	10	Yes	308023	1.3095	**843-2AP**	318	**1**	1	Yes	353177	0.6557
842-3PNQ	316	**1**	10	Yes	305756	2.4245	**843-2AS**	318	**1**	10	Yes	353184	0.6126
842-3PNR	316	**1**	8	Yes	356437	2.1231	**843-2PNQ**	318	**1**	5	Yes	301499	1.7471
842-3PSQ	316	**1**	10	Yes	308030	2.605	**843-2PNR**	318	**1**	10	Yes	305817	1.3726
842-3PSR	316	**1**	8	Yes	308047	1.9938	**843-2PP**	318	**1**	1	Yes	301512	0.7757
842-4ANQ	316	**1**	1	Yes	352934	3.5347	**843-2PS**	318	**1**	10	Yes	305824	0.6928
842-4ANR	316	**1**	10	Yes	351487	2.3899	**843-3ANQ**	318	**1**	10	Yes	353245	2.4011
842-4ASQ	316	**1**	1	Yes	308054	3.3491	**843-3ANR**	318	**1**	1	Yes	353252	1.7054
842-4ASR	316	**1**	1	Yes	308061	3.1101	**843-3AP**	318	**1**	10	Yes	351876	0.8604
842-4LNQ	317	**1**	5	Yes	305770	3.079	**843-3AS**	318	**1**	1	Yes	353269	0.731
842-4LNR	317	**1**	10	Yes	305787	2.0603	**843-3PNQ**	318	**1**	10	Yes	351951	2.5261

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
843-3PNR	318	**1**	10	Yes	305831	1.8304
843-3PP	318	**1**	10	Yes	305848	0.9914
843-3PS	318	**1**	10	Yes	306807	0.745
843-4ANQ	318	**1**	1	Yes	353320	3.0459
843-4ANR	318	**1**	4	Yes	353337	2.0176
843-4AS	318	**1**	1	Yes	353351	0.7497
843-4PNQ	318	**1**	10	Yes	351906	3.1124
843-4PNR	318	**1**	4	Yes	301581	2.1126
843-4PP	318	**1**	1	Yes	301598	1.197
843-4PS	318	**1**	4	Yes	306784	0.8897
844-02G	418	**1**	10	Yes	301611	1.2747
844-02SL	417	**1**	1	Yes	344212	2.05
844-04G	418	**1**	10	Yes	301635	3.075
844-04IQ	417	**1**	4	Yes	344120	8.4625
844-04SL	417	**1**	1	Yes	344236	9.9125
844-0G	418	**1**	10	Yes	301659	1.54
844-0SL	417	**1**	1	Yes	344229	5.1
844-S4	418	**1**	40	Yes	301703	1.185
845-2APK	416	10	10	Yes	301321	0.0664
845-2PPK	416	10	10	Yes	301307	0.0684
845-3APK	416	10	10	Yes	301369	0.135
845-3PPK	416	10	10	Yes	301345	0.1436
845-4APK	416	10	10	Yes	301406	0.189
845-4PPK	416	10	10	Yes	301383	0.2378
845-83PN	416	**12**	12	Yes	740854	0.565
845-84PN	416	**10**	10	Yes	740861	0.92
846-S11PK	419	3	3	Yes	306425	1.768
846-S13PK	419	3	3	Yes	306449	1.9183
846-S15PK	419	3	3	Yes	306463	1.6567
846-S17PK	419	3	3	Yes	306562	2.25
846-S19PK	419	3	3	Yes	306661	2.967
846-S1PK	419	3	3	Yes	306302	0.765
846-S3PK	419	3	3	Yes	306326	0.9357
846-S5PK	419	3	3	Yes	306364	1.271
846-S7PK	419	3	3	Yes	306388	1.517
846-S9PK	419	3	3	Yes	306401	1.6
847-2	416	**20**	20	No	339256	0.155
847-2PK1	416	5	5	Yes	301222	0.422
847-3	416	**20**	20	No	306692	0.1996
847-3PK1	416	10	10	Yes	301239	0.4539
847-4	416	**10**	10	No	301819	0.325
847-4PK1	416	10	10	Yes	301246	0.5931
847-7	416	10	10	Yes	301277	0.9919
847-7B	416	**20**	20	Yes	306111	0.9393
847-9	416	1	10	Yes	301291	2.1433
850-234N	357	**1**	10	Yes	351968	4.1516
850-2I	357	**1**	6	Yes	301475	7.0343
850-2N	357	**1**	6	Yes	301871	4.4304
850-2T	357	**1**	6	Yes	301888	1.6904
850-3I	357	**1**	4	Yes	301895	9.5375

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
850-3N	357	**1**	6	Yes	301901	7.3549
850-3T	357	**1**	6	Yes	301918	2.6969
850-4I	357	**1**	2	Yes	305855	12.7947
850-4IN	357	**1**	2	Yes	353443	15.575
850-4N	357	**1**	6	Yes	306074	9.8086
850-4T	357	**1**	6	Yes	305862	3.4826
850-9I	293	**1**	1	Yes	712165	44.35
850-9IN	293	**1**	1	Yes	712172	47.55
850-CI2	364	**1**	1	Yes	353467	2.2082
850-CI3	364	**1**	1	Yes	353474	3.175
850-CI4	364	**1**	1	Yes	353481	5.1484
850-CN2	363	**1**	10	Yes	353498	1.7564
850-CN3	363	**1**	10	Yes	351975	2.0144
850-CN4	363	**1**	1	Yes	353504	3.75
850-CT2	363	**1**	10	Yes	353511	0.71
850-CT3	363	**1**	10	Yes	301956	0.7085
850-CT4	363	**1**	10	Yes	353528	1.2993
850-V105	334	**1**	25	Yes	314673	0.0487
850-V106	334	**1**	25	Yes	314659	0.0585
850-V109	334	**1**	1	Yes	314642	0.1837
850-V407	334	**1**	1	Yes	314635	0.0103
850-V415	334	**1**	1	Yes	314628	0.0153
850-V425	334	**1**	1	Yes	314611	0.0278
850-VW1	334	**10**	100	Yes	351920	0.0351
850-VW4	334	**10**	100	Yes	353535	0.0451
851-24I	293	**1**	2	Yes	305879	11.8315
851-24N	293	**1**	2	Yes	351944	8.5491
851-24T	293	**1**	2	Yes	353627	6.1907
851-33N	356	**1**	2	Yes	353702	3.0961
851-33T	356	**1**	2	Yes	353719	1.4622
851-34I	356	**1**	2	Yes	305886	8.3135
851-34N	356	**1**	2	Yes	305893	5.0168
851-34T	356	**1**	2	Yes	306722	2.6568
851-36I	356	**1**	2	Yes	353740	14.4978
851-36IN	356	**1**	2	Yes	353757	18.3759
851-36N	356	**1**	2	Yes	353771	8.2747
851-36T	356	**1**	2	Yes	353788	4.6474
851-43N	356	**1**	2	Yes	305909	3.1681
851-43T	356	**1**	2	Yes	302014	1.5542
851-44I	356	**1**	2	Yes	305916	8.2555
851-44N	356	**1**	2	Yes	302038	4.1
851-44T	356	**1**	2	Yes	356512	2.5988
851-46I	356	**1**	2	Yes	302052	15.7781
851-46IN	356	**1**	2	Yes	351692	19.7099
851-46N	356	**1**	2	Yes	302069	9.6087
851-46T	356	**1**	2	Yes	306746	4.5875
851-64I	293	**1**	2	Yes	351708	11.3494
851-64N	293	**1**	2	Yes	351746	8.0901
851-64T	293	**1**	2	Yes	353900	5.7301
851-66I	293	**1**	2	Yes	351814	24.1451

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851-66N	293	**1**	2	Yes	353931	15.972	**852-CN2**	363	**1**	10	Yes	354563	1.279
851-66T	293	**1**	2	Yes	353948	13.8785	**852-CN3**	363	**1**	10	Yes	354570	1.4809
851-CI4	364	**1**	1	Yes	353962	2.23	**852-CN4**	363	**1**	10	Yes	350794	1.8551
851-CI6	364	**1**	10	Yes	353979	3.5811	**852-CP3**	364	**1**	1	Yes	354594	0.5809
851-CI8	364	**1**	10	Yes	353986	5.1911	**852-CP4**	364	**1**	1	Yes	354600	0.8051
851-CN3	363	**1**	10	Yes	351838	1.167	**852-CS3**	364	**1**	1	Yes	316882	1.9063
851-CN4	363	**1**	10	Yes	351654	1.7513	**852-CS4**	364	**1**	1	Yes	316899	2.877
851-CN6	363	**1**	10	Yes	353993	3.0811	**852-CT4**	363	**1**	2	Yes	354631	0.8651
851-CN8	363	**1**	10	Yes	354006	3.9011	**852-HCD4**	364	**1**	1	Yes	325914	2.66
851-CT3	363	**1**	10	Yes	302113	0.427	**852-HCN4**	363	**1**	1	Yes	325921	3.2242
851-CT4	363	**1**	10	Yes	354013	0.6522	**853-F23I**	295	**1**	27	Yes	718341	1.53
851-CT6	363	**1**	10	Yes	351760	1.1811	**853-F24I**	295	**1**	16	Yes	718358	2.674
851-CT8	363	**1**	10	Yes	354020	1.3111	**853-F26I**	295	**1**	4	Yes	718365	7.165
852-2LNR	352	**1**	10	Yes	302168	1.2355	**853-T23I**	295	**1**	6	Yes	718389	5.478
852-3AI	352	**1**	1	Yes	354280	2.7876	**853-T24I**	295	**1**	4	Yes	718396	9.75
852-3ANQ	352	**1**	1	Yes	354297	4.2461	**853-T26I**	295	**1**	1	Yes	718402	22.25
852-3ANR	352	**1**	5	Yes	350343	2.7633	**853-T28I**	295	**1**	1	Yes	718419	35.724
852-3ASQ	352	**1**	1	Yes	308153	4.214	**854-23I**	289	**1**	1	No	718792	10.995
852-3ASR	352	**1**	5	Yes	308160	3.29	**854-23IN**	289	**1**	1	No	718846	11.785
852-3LI	353	**2**	2	Yes	351784	4.2123	**854-23INQ**	289	**1**	1	No	718976	11.86
852-3LNQ	352	**1**	5	Yes	351791	2.9909	**854-23IQ**	289	**1**	1	No	718945	8.445
852-3LNR	352	**1**	10	Yes	302182	1.928	**854-23IS**	290	**1**	1	No	718891	-
852-3LP	353	**1**	10	Yes	354372	1.0551	**854-23NQ**	288	**1**	1	No	735959	10.505
852-3LSQ	353	**1**	1	Yes	308177	2.6699	**854-23NR**	288	**1**	1	No	727411	10
852-3LSR	353	**1**	10	Yes	308184	1.9208	**854-23SR**	288	**1**	1	No	727466	10.745
852-3PI	352	**2**	2	Yes	350695	2.9593	**854-24I**	289	**1**	1	No	718808	11.395
852-3PNQ	352	**1**	2	Yes	350725	4.4178	**854-24IN**	289	**1**	1	No	718853	12.185
852-3PNR	352	**1**	5	Yes	350329	2.935	**854-24INQ**	289	**1**	1	No	718983	12.26
852-3PSQ	352	**1**	1	Yes	308191	4.3857	**854-24IQ**	289	**1**	1	No	718952	-
852-3PSR	352	**1**	1	Yes	308221	3.38	**854-24IS**	290	**1**	1	No	718907	12.185
852-4AI	352	**1**	1	Yes	350749	2.9872	**854-24NQ**	288	**1**	1	No	727442	10.905
852-4ANQ	352	**1**	1	Yes	354426	4.4062	**854-24NR**	288	**1**	1	No	727428	10.65
852-4ANR	352	**1**	10	Yes	350442	2.8865	**854-24SR**	288	**1**	1	No	727473	11.145
852-4ASQ	352	**1**	1	Yes	308238	4.3741	**854-26I**	289	**1**	1	No	718815	28.05
852-4ASR	352	**1**	1	Yes	308245	3.4509	**854-26IN**	289	**1**	1	No	718860	30
852-4LI	353	**2**	2	Yes	305961	5.2625	**854-26IS**	290	**1**	1	No	718914	32
852-4LNQ	352	**1**	1	Yes	302274	3.7997	**854-28I**	289	**1**	1	No	718822	31.2754
852-4LNR	352	**1**	10	Yes	302281	2.4886	**854-28IN**	289	**1**	1	No	718877	14.057
852-4LNRPK	352	5	5	Yes	350411	2.5328	**854-28IS**	290	**1**	1	No	718921	14.057
852-4LP	353	**1**	1	Yes	350763	1.3668	**854-63I**	291	**1**	1	No	719003	12.48
852-4LSQ	353	**1**	1	Yes	308252	0.7232	**854-63IN**	292	**1**	1	No	719058	13.27
852-4LSR	353	**1**	1	Yes	308269	2.9535	**854-63INQ**	292	**1**	1	No	719188	-
852-4PI	352	**2**	2	Yes	305992	3.4	**854-63IQ**	291	**1**	1	No	719157	-
852-4PNQ	352	**1**	2	Yes	306036	4.6062	**854-63IS**	292	**1**	1	No	719102	-
852-4PNR	352	**1**	10	Yes	350428	3.4765	**854-63NQ**	290	**1**	1	No	727527	12.555
852-4PSQ	352	**1**	2	Yes	308276	4.65	**854-63NR**	290	**1**	1	No	727497	12.535
852-4PSR	352	**1**	10	Yes	308283	3.525	**854-63SR**	291	**1**	1	No	727558	12.795
852-CD4	364	**1**	10	Yes	321183	1.2436	**854-64I**	291	**1**	1	No	719010	13.12
852-CI3	364	**1**	1	Yes	354549	2.3	**854-64IN**	292	**1**	1	No	719065	29.2044
852-CI4	364	**1**	5	Yes	354556	3.65	**854-64INQ**	292	**1**	1	No	719195	-

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
854-64IQ	291	**1**	1	No	719164	-
854-64IS	292	**1**	1	No	719119	10.57
854-64NQ	290	**1**	1	No	727534	13.195
854-64NR	290	**1**	1	No	727503	13.175
854-64SR	291	**1**	1	No	727565	13.435
854-66I	291	**1**	1	No	719027	28.1377
854-66IN	292	**1**	1	No	719072	31.2277
854-66IS	292	**1**	1	No	719126	14.7577
854-68I	291	**1**	1	No	719034	35
854-68IN	292	**1**	1	No	719089	17.407
854-68IS	292	**1**	1	No	719133	17.407
858-63L	261	**1**	4	Yes	350923	4.334
858-64L	261	**1**	4	Yes	302366	4.3038
858-PG3	326	**1**	20	Yes	317810	0.325
858-PG3	327	**1**	20	Yes	317810	0.325
858-PG3CQ	240	**1**	20	Yes	317810	0.325
858-PG3CQ	244	**1**	20	Yes	317810	0.325
858-PG3CQ	245	**1**	20	Yes	317810	0.325
858-PG4	326	**1**	20	Yes	312006	0.107
858-PG4CQ	240	**1**	20	Yes	312006	0.107
858-PG4CQ	244	**1**	20	Yes	312006	0.107
860-22I	255	**1**	1	Yes	306876	30.65
860-22N	255	**1**	1	Yes	306869	26.05
860-22Z	255	**1**	1	Yes	369987	26.3015
860-23I	255	**1**	1	Yes	306845	28.318
860-23N	255	**1**	1	Yes	306838	24.5983
860-23Z	255	**1**	1	Yes	369994	24.8498
860-24I	255	**1**	1	Yes	306814	29.05
860-24N	255	**1**	1	Yes	306777	27.35
860-24Z	255	**1**	1	Yes	370006	24.75
860-26I	255	**1**	1	Yes	306630	30.2867
860-26N	255	**1**	1	Yes	306623	30.9
860-26Z	255	**1**	1	Yes	369840	26.385
860-2A	319	**1**	1	Yes	354655	4.2296
860-2AI	319	**1**	1	Yes	354662	15.3775
860-2AN	319	**1**	1	Yes	354679	8.965
860-2AZ	319	**1**	1	Yes	370143	9.2165
860-2P	319	**1**	4	Yes	350817	5.5076
860-2PI	319	**1**	1	Yes	354693	14.4
860-2PN	319	**1**	1	Yes	302380	9.1875
860-2PZ	319	**1**	4	Yes	371256	9.5915
860-3A	319	**1**	4	Yes	350855	3.9296
860-3AI	319	**1**	2	Yes	350862	15.0775
860-3AN	319	**1**	1	Yes	354709	8.315
860-3AZ	319	**1**	1	Yes	370099	8.5665
860-3P	319	**1**	4	Yes	337030	5.108
860-3PI	319	**1**	2	Yes	305626	15.0905
860-3PN	319	**1**	4	Yes	305114	9.04
860-3PZ	319	**1**	4	Yes	370129	9.125
860-3SS	258	**1**	1	Yes	308290	7.15
860-3SS	273	**1**	1	Yes	308290	7.15
860-3SSS	258	**1**	1	Yes	314246	2.3662
860-3SSS	273	**1**	1	Yes	314246	2.3662
860-4A	319	**1**	1	Yes	354723	3.9246
860-4AI	319	**1**	1	Yes	354730	14.9025
860-4AN	319	**1**	1	Yes	354747	8.66
860-4AZ	319	**1**	4	Yes	369956	8.9115
860-4P	319	**1**	4	Yes	352262	5.0626
860-4PI	319	**1**	2	Yes	352279	15.7025
860-4PN	319	**1**	4	Yes	306753	8.995
860-4PZ	319	**1**	4	Yes	369949	9.2465
860-4SS	258	**1**	1	Yes	375728	11.9
860-4SS	273	**1**	1	Yes	375728	11.9
860-4SSS	258	**1**	1	Yes	376572	5.6629
860-4SSS	273	**1**	1	Yes	376572	5.6629
860-4SSU	258	**1**	1	Yes	314178	1.45
860-4SSU	273	**1**	1	Yes	314178	1.45
860-6	320	**1**	10	Yes	354761	0.2697
860-62I	256	**1**	1	Yes	306609	30.3483
860-62N	255	**1**	1	Yes	306593	24.8683
860-62Z	256	**1**	1	Yes	369659	25.1198
860-63I	256	**1**	1	Yes	306579	28.533
860-63N	255	**1**	1	Yes	306555	26.573
860-63Z	256	**1**	1	Yes	369635	26.7545
860-64I	256	**1**	1	Yes	306531	28.3
860-64N	255	**1**	1	Yes	306524	25.9637
860-64Z	256	**1**	1	Yes	369628	26.9248
860-6A	319	**1**	1	Yes	354778	5.9146
860-6AI	319	**1**	1	Yes	354785	15.3825
860-6AN	319	**1**	1	Yes	354792	10.3
860-6AZ	319	**1**	1	Yes	369970	10.7215
860-6P	319	**1**	1	Yes	350510	7.936
860-6PI	319	**1**	2	Yes	350527	18.6875
860-6PN	319	**1**	1	Yes	354815	11.6244
860-6PZ	319	**1**	1	Yes	369963	11.8759
860-C	320	**1**	10	Yes	350534	0.7882
860-C	340	**1**	10	Yes	350534	0.7882
860-CI	320	**1**	10	Yes	369611	3.3416
860-D	320	**1**	80	Yes	305695	0.282
860-GA	320	**1**	12	Yes	350541	1.3883
860-GA2	320	**1**	1	Yes	354839	0.6435
860-GI	320	**1**	5	Yes	350558	9.4931
860-GI	339	**1**	5	Yes	350558	9.4931
860-GP	320	**1**	16	Yes	302571	1.8451
860-GP2	320	**1**	10	Yes	304995	1.283
860-GPJ	320	**1**	16	Yes	305480	1.6194
860-Q222I	256	**1**	1	No	723758	48.66
860-Q222IN	257	**1**	1	No	725684	-
860-Q223I	256	**1**	1	No	723765	50.24
860-Q223IN	257	**1**	1	No	726841	58.67

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
860-Q224I	256	**1**	1	No	723772	50.05
860-Q224IN	257	**1**	1	No	725707	56.72
860-Q226I	256	**1**	1	No	723789	50.335
860-Q226IN	257	**1**	1	No	725714	-
860-Q228I	256	**1**	1	No	723796	49.091
860-Q228IN	257	**1**	1	No	725721	57.521
860-Q262I	257	**1**	1	No	723802	48.046
860-Q262IN	257	**1**	1	No	725738	56
860-Q263I	257	**1**	1	No	726858	49.479
860-Q263IN	257	**1**	1	No	725745	61.2
860-Q264I	257	**1**	1	No	723819	49.699
860-Q264IN	257	**1**	1	No	725752	64
860-Q266I	257	**1**	1	No	723840	52.014
860-Q266IN	257	**1**	1	No	725769	62.204
860-R222I	256	**1**	1	No	718235	34.58
860-R222IN	256	**1**	1	No	725783	-
860-R223I	256	**1**	1	No	718242	37.92
860-R223IN	256	**1**	1	No	725790	43.5
860-R224I	256	**1**	1	No	718259	35.97
860-R224IN	256	**1**	1	No	725806	40.525
860-R226I	256	**1**	1	No	718266	34.495
860-R226IN	256	**1**	1	No	725813	42.285
860-R228I	256	**1**	1	No	718273	35.011
860-R228IN	256	**1**	1	No	725820	41.041
860-R262I	257	**1**	1	No	718280	33.966
860-R262IN	257	**1**	1	No	726834	-
860-R263I	257	**1**	1	No	718297	35.399
860-R263IN	257	**1**	1	No	725837	-
860-R264I	257	**1**	1	No	718303	35.619
860-R264IN	257	**1**	1	No	725844	43.189
860-R266I	257	**1**	1	No	718310	37.934
860-R266IN	257	**1**	1	No	725851	-
860-RGN	320	**1**	1	Yes	350572	6.096
860-RGN	339	**1**	1	Yes	350572	6.096
860-RGN2	320	**1**	1	Yes	350589	5.13
860-RGN2	339	**1**	1	Yes	350589	5.13
860-RGS	320	**1**	1	Yes	310644	6.096
860-RGS	339	**1**	1	Yes	310644	6.096
860-RGS2	320	**1**	1	Yes	310651	5.13
860-RGS2	339	**1**	1	Yes	310651	5.13
860-S	320	**1**	20	Yes	302786	1.033
860-U	320	**1**	20	Yes	302618	0.858
860-UM	320	**1**	5	Yes	304834	0.41
860-UM	340	**1**	5	Yes	304834	0.41
860-W2P	339	**1**	4	Yes	316370	5.4938
860-W2PI	339	**1**	1	Yes	315991	16.2925
860-W2PN	339	**1**	1	Yes	316387	10.4284
860-W2PX	339	**1**	4	Yes	316394	4.7384
860-W2PZ	339	**1**	1	Yes	316028	10.6799
860-W3P	339	**1**	4	Yes	315908	5.1713
860-W3PI	339	**1**	2	Yes	316004	15.3
860-W3PN	339	**1**	4	Yes	316363	8.6
860-W3PX	339	**1**	4	Yes	316332	3.39
860-W3PZ	339	**1**	1	Yes	316035	9.3351
860-W4P	339	**1**	4	Yes	316356	5.2
860-W4PI	339	**1**	2	Yes	316011	15.35
860-W4PN	339	**1**	4	Yes	315984	8.9875
860-W4PX	339	**1**	4	Yes	316349	3.305
860-WGP	339	**1**	16	Yes	316059	1.8314
860-WGP2	339	**1**	10	Yes	316066	1.3
860-WGP3	339	**1**	10	Yes	316073	1.61
860-WGPJ	339	**1**	16	Yes	316080	2.1062
860-WS	340	**1**	20	Yes	316097	1.006
860-WU	340	**1**	20	Yes	316103	0.84
861-2P	337	**1**	1	Yes	350701	7.0593
861-2PI	337	**1**	1	Yes	354860	16.3867
861-2PN	337	**1**	1	Yes	354877	15.5067
861-2PR	337	**1**	1	Yes	713933	8.8777
861-2PX	337	**1**	3	Yes	305527	5.3067
861-2PXR	337	**1**	3	Yes	708472	5.8933
861-2PZ	337	**1**	1	Yes	316479	16.2
861-3P	337	**1**	1	Yes	302670	7.6896
861-3PI	337	**1**	1	Yes	354884	16.1
861-3PN	337	**1**	1	Yes	302731	15.6
861-3PR	337	**1**	1	Yes	713940	9.5795
861-3PX	337	**1**	3	Yes	305534	5.3467
861-3PXR	337	**1**	3	Yes	708205	6.5951
861-3PZ	337	**1**	1	Yes	316486	16.637
861-4P	337	**1**	1	Yes	350503	8.9043
861-4PI	337	**1**	1	Yes	354891	16.2659
861-4PN	337	**1**	1	Yes	354907	16.8404
861-4PX	337	**1**	3	Yes	305541	5.3917
861-4PZ	337	**1**	1	Yes	316493	-
861-5	338	**1**	15	Yes	305558	1.846
861-51	338	**1**	15	Yes	305602	1.1873
861-51AR	338	**1**	10	Yes	735904	1.65
861-51NR	338	**1**	3	Yes	350626	8.333
861-53	338	**1**	15	Yes	305619	1.4633
861-5AR	338	**1**	10	Yes	735898	2.15
861-5CI	338	**1**	3	Yes	350633	10.5211
861-5NR	338	**1**	3	Yes	302847	10.5211
861-5SR	338	**1**	1	Yes	316516	10.7
861-6	338	**1**	10	Yes	305565	0.2666
861-6	340	**1**	10	Yes	305565	0.2666
861-6P	337	**1**	1	Yes	354921	8.2288
861-6PI	337	**1**	1	Yes	354938	16.2224
861-6PN	337	**1**	1	Yes	354945	16.2224
861-6PX	337	**1**	2	Yes	302861	4.7615
861-6PZ	337	**1**	1	Yes	316509	16.713
861-BKQ2	272	**1**	1	Yes	744401	2

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
861-BQ2	265	**1**	1	No	719751	4.53
861-BQ2	266	**1**	1	No	719751	4.53
861-BQ2	267	**1**	1	No	719751	4.53
861-BQ8	268	**1**	1	No	719768	1.6
861-BR2	270	**1**	1	No	719775	3.42
861-BR8	271	**1**	1	No	719782	1.19
861-C	338	**1**	5	Yes	374790	0.7252
861-CQ2	265	**1**	10	No	719799	7.76
861-CQ2	266	**1**	10	No	719799	7.76
861-CQ2	267	**1**	10	No	719799	7.76
861-CQ8	268	**8**	8	Yes	719805	3.38
861-CR2	270	**1**	1	No	719812	5.3
861-CR8	271	**1**	1	No	719829	4.6
861-D	338	**1**	80	Yes	302885	0.282
861-D	340	**1**	80	Yes	302885	0.282
861-GAQ2F	265	**1**	6	No	719836	0.7167
861-GAQ2F	266	**1**	6	No	719836	0.7167
861-GAQ2F	267	**1**	6	No	719836	0.7167
861-GAQ2H	265	**1**	6	No	719843	3.172
861-GAQ2H	266	**1**	6	No	719843	3.172
861-GAQ2H	267	**1**	6	No	719843	3.172
861-GAQ8F	268	**1**	6	No	719867	3.069
861-GAQ8H	268	**1**	6	No	719874	2.455
861-GAQ8T	268	**1**	6	No	719881	2.906
861-GAR2F	270	**1**	6	No	719898	6.35
861-GAR2H	270	**1**	6	No	719904	4.092
861-GAR8F	271	**1**	6	No	719928	2.906
861-GAR8H	271	**1**	6	No	719935	1.842
861-GKQ2F	272	**1**	1	Yes	744272	3
861-GKQ2FL	272	**1**	1	Yes	744296	4.5
861-GKQ2FW	272	**1**	1	Yes	744302	6
861-GKQ2H	272	**1**	1	Yes	744319	1.5
861-GNQ2F	265	**1**	1	No	719959	8.443
861-GNQ2F	266	**1**	1	No	719959	8.443
861-GNQ2F	267	**1**	1	No	719959	8.443
861-GNQ2H	265	**1**	1	No	719966	5.7
861-GNQ2H	266	**1**	1	No	719966	5.7
861-GNQ2H	267	**1**	1	No	719966	5.7
861-GNQ8F	268	**1**	1	No	719980	4.324
861-GNQ8H	268	**1**	1	No	719997	3.061
861-GNQ8T	268	**1**	1	No	720009	3.704
861-GNR2F	270	**1**	1	No	720016	7.755
861-GNR2H	270	**1**	1	No	720023	5.6
861-GNR2T	270	**1**	1	No	720030	6.751
861-GNR8F	271	**1**	1	No	720047	3.15
861-GNR8H	271	**1**	1	No	720054	2.4
861-GSQ2F	265	**1**	1	Yes	741165	8.4
861-GSQ2F	266	**1**	1	Yes	741165	8.4
861-GSQ2F	267	**1**	1	Yes	741165	8.4
861-GSQ2H	265	**1**	1	Yes	741172	5.86
861-GSQ2H	266	**1**	1	Yes	741172	5.86
861-GSQ2H	267	**1**	1	Yes	741172	5.86
861-GSQ8F	268	**1**	1	No	745637	4.47
861-GSQ8H	268	**1**	1	No	745644	3.44
861-GSR2F	270	**1**	1	No	745682	7.75
861-GSR2H	270	**1**	1	No	745675	5.05
861-GSR8F	271	**1**	1	No	745668	3.25
861-GSR8H	271	**1**	1	No	745651	2.295
861-Q2221	267	**1**	1	No	720078	35.65
861-Q2221A	267	**1**	1	No	720085	35.65
861-Q2221N	267	**1**	1	No	720092	44.093
861-Q2221S	267	**1**	1	No	749482	44
861-Q2226	265	**1**	1	No	720108	20.565
861-Q2226A	265	**1**	1	No	720115	24.65
861-Q2226N	265	**1**	1	No	720122	29.008
861-Q2226S	265	**1**	1	No	749369	29
861-Q2228	266	**1**	1	No	720139	23.02
861-Q2228A	266	**1**	1	No	720146	23.02
861-Q2228N	266	**1**	1	No	720153	8.443
861-Q2228S	266	**1**	1	No	749420	8.5
861-Q2286	268	**1**	1	No	720160	14.017
861-Q2286A	268	**1**	1	No	720177	17.086
861-Q2286N	268	**1**	1	No	720184	18.341
861-Q2286S	268	**1**	1	No	749543	25
861-Q2321	267	**1**	1	No	720191	29.159
861-Q2321A	267	**1**	1	No	720207	36.914
861-Q2321N	267	**1**	1	No	720214	37.602
861-Q2321S	267	**1**	1	No	749499	44
861-Q2326	265	**1**	1	No	720221	20.565
861-Q2326A	265	**1**	1	No	720238	26
861-Q2326N	265	**1**	1	No	720245	29.1
861-Q2326S	265	**1**	1	No	749376	29
861-Q2328	266	**1**	1	No	720252	23.02
861-Q2328A	266	**1**	1	No	720269	23.7367
861-Q2328N	266	**1**	1	No	720276	31.463
861-Q2328S	266	**1**	1	No	749437	8.5
861-Q2386	268	**1**	1	No	720283	12.8
861-Q2386A	268	**1**	1	No	720290	12.8
861-Q2386N	268	**1**	1	No	720306	19.95
861-Q2386S	268	**1**	1	No	749550	25
861-Q2421	267	**1**	1	No	720313	29.159
861-Q2421A	267	**1**	1	No	720320	37
861-Q2421N	267	**1**	1	No	720337	42.132
861-Q2421S	267	**1**	1	No	749505	44
861-Q2426	265	**1**	1	No	720344	21.75
861-Q2426A	265	**1**	1	No	720351	26
861-Q2426N	265	**1**	1	No	720368	33.8
861-Q2426S	265	**1**	1	No	749383	29
861-Q2428	266	**1**	1	No	720375	23.02
861-Q2428A	266	**1**	1	No	720382	30.722

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
861-Q2428N	266	**1**	1	No	720399	35.993
861-Q2428S	266	**1**	1	No	749444	8.5
861-Q2486	268	**1**	1	No	720405	14.017
861-Q2486A	268	**1**	1	No	720412	14.017
861-Q2486N	268	**1**	1	No	720429	20
861-Q2486S	268	**1**	1	No	749567	25
861-QF2221	267	**1**	1	No	720795	36.321
861-QF2221A	267	**1**	1	No	720801	36.321
861-QF2221N	267	**1**	1	No	720818	44.764
861-QF2221S	267	**1**	1	No	749512	45
861-QF2226	265	**1**	1	No	720825	31.205
861-QF2226A	265	**1**	1	No	720832	31.205
861-QF2226N	265	**1**	1	No	720849	47.1
861-QF2226S	265	**1**	1	No	749390	47
861-QF2228	266	**1**	1	No	720856	31.205
861-QF2228A	266	**1**	1	No	720863	31.205
861-QF2228N	266	**1**	1	No	720870	39.648
861-QF2228S	266	**1**	1	No	749451	40
861-QF2286	268	**1**	1	No	720887	20.769
861-QF2286A	268	**1**	1	No	720894	20.769
861-QF2286N	268	**1**	1	No	720900	20.769
861-QF2286S	268	**1**	1	No	749574	25
861-QF2321	267	**1**	1	No	720917	36.321
861-QF2321A	267	**1**	1	No	720924	36.321
861-QF2321N	267	**1**	1	No	720931	44.764
861-QF2321S	267	**1**	1	No	749529	45
861-QF2326	265	**1**	1	No	720948	31.205
861-QF2326A	265	**1**	1	No	720955	31.9217
861-QF2326N	265	**1**	1	No	720962	39.648
861-QF2326S	265	**1**	1	No	749406	47
861-QF2328	266	**1**	1	No	720979	31.205
861-QF2328A	266	**1**	1	No	720986	31.205
861-QF2328N	266	**1**	1	No	720993	39.648
861-QF2328S	266	**1**	1	No	749468	40
861-QF2386	268	**1**	1	No	721006	20.769
861-QF2386A	268	**1**	1	No	721013	20.769
861-QF2386N	268	**1**	1	No	721020	25.3
861-QF2386S	268	**1**	1	No	749581	25
861-QF2421	267	**1**	1	No	721037	38.1
861-QF2421A	267	**1**	1	No	721044	36.321
861-QF2421N	267	**1**	1	No	721051	56
861-QF2421S	267	**1**	1	No	749536	45
861-QF2426	265	**1**	1	No	721068	31.205
861-QF2426A	265	**1**	1	No	721075	31.9217
861-QF2426N	265	**1**	1	No	721082	37.5
861-QF2426S	265	**1**	1	No	749413	47
861-QF2428	266	**1**	1	No	721099	31.205
861-QF2428A	266	**1**	1	No	721105	31.9217
861-QF2428N	266	**1**	1	No	721112	8.443
861-QF2428S	266	**1**	1	No	749475	40
861-QF2486	268	**1**	1	No	721129	18.8
861-QF2486A	268	**1**	1	No	721136	18.8
861-QF2486N	268	**1**	1	No	721143	24
861-QF2486S	268	**1**	1	No	749598	25
861-R2228	270	**1**	1	No	721518	17.7
861-R2228A	270	**1**	1	No	721525	6.35
861-R2228N	270	**1**	1	No	721532	7.755
861-R2228S	270	**1**	1	No	749604	30
861-R2286	271	**1**	1	No	721549	10.743
861-R2286A	271	**1**	1	No	721556	10.743
861-R2286N	271	**1**	1	No	721563	13.893
861-R2286S	271	**1**	1	No	749666	15
861-R2328	270	**1**	1	No	721570	21.1
861-R2328A	270	**1**	1	No	721587	6.35
861-R2328N	270	**1**	1	No	721594	7.755
861-R2328S	270	**1**	1	No	749611	30
861-R2386	271	**1**	1	No	721600	12
861-R2386A	271	**1**	1	No	721617	15.65
861-R2386N	271	**1**	1	No	721624	13.542
861-R2386S	271	**1**	1	No	749673	15
861-R2428	270	**1**	1	No	721631	22.55
861-R2428A	270	**1**	1	No	721648	27.461
861-R2428N	270	**1**	1	No	721655	7.755
861-R2428S	270	**1**	1	No	749628	30
861-R2486	271	**1**	1	No	721662	10.743
861-R2486A	271	**1**	1	No	721679	10.743
861-R2486N	271	**1**	1	No	721686	10.743
861-R2486S	271	**1**	1	No	749680	15
861-RF2228	270	**1**	1	No	721877	24.452
861-RF2228A	270	**1**	1	No	721884	24.452
861-RF2228N	270	**1**	1	No	721891	24.452
861-RF2228S	270	**1**	1	No	749635	25
861-RF2286	271	**1**	1	No	721907	13.812
861-RF2286A	271	**1**	1	No	721914	16.718
861-RF2286N	271	**1**	1	No	721921	13.812
861-RF2286S	271	**1**	1	No	749697	15
861-RF2328	270	**1**	1	No	721938	24.452
861-RF2328A	270	**1**	1	No	721945	24.452
861-RF2328N	270	**1**	1	No	721952	24.452
861-RF2328S	270	**1**	1	No	749642	25
861-RF2386	271	**1**	1	No	721969	15.9
861-RF2386A	271	**1**	1	No	721976	19.7
861-RF2386N	271	**1**	1	No	721983	16.962
861-RF2386S	271	**1**	1	No	749703	15
861-RF2428	270	**1**	1	No	721990	24.452
861-RF2428A	270	**1**	1	No	722003	42.5
861-RF2428N	270	**1**	1	No	722010	24.452
861-RF2428S	270	**1**	1	No	749659	25
861-RF2486	271	**1**	1	No	722027	13.812
861-RF2486A	271	**1**	1	No	722034	13.812

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
861-RF2486N	271	**1**	1	No	722041	16.962
861-RF2486S	271	**1**	1	No	749710	15
861-SQ2428	272	**1**	1	Yes	741158	30.86
861-TA22	148	**1**	1	No	722232	2.27
861-TA22	265	**1**	1	No	722232	2.27
861-TA22	266	**1**	1	No	722232	2.27
861-TA22	267	**1**	1	No	722232	2.27
861-TA22	269	**1**	1	No	722232	2.27
861-TA22	270	**1**	1	No	722232	2.27
861-TA22	271	**1**	1	No	722232	2.27
861-TA23	148	**1**	1	No	722249	3.32
861-TA23	265	**1**	1	No	722249	3.32
861-TA23	266	**1**	1	No	722249	3.32
861-TA23	267	**1**	1	No	722249	3.32
861-TA23	269	**1**	1	No	722249	3.32
861-TA23	270	**1**	1	No	722249	3.32
861-TA23	271	**1**	1	No	722249	3.32
861-TA24	148	**1**	1	No	722256	5.379
861-TA24	265	**1**	1	No	722256	5.379
861-TA24	266	**1**	1	No	722256	5.379
861-TA24	267	**1**	1	No	722256	5.379
861-TA24	269	**1**	1	No	722256	5.379
861-TA24	270	**1**	1	No	722256	5.379
861-TA24	271	**1**	1	No	722256	5.379
861-UM	338	**1**	5	Yes	302892	0.083
862-2210NQ	246	**1**	1	No	717030	6.34
862-2210NR	246	**1**	1	No	716736	-
862-2210NRE	247	**1**	1	No	723864	-
862-225NQ	246	**1**	1	No	716910	6.34
862-225NR	246	**1**	1	No	716613	8
862-225SQ	248	**1**	1	No	717511	6.34
862-225SR	247	**1**	1	No	717214	8.262
862-226NQ	246	**1**	1	No	716941	9.755
862-226NR	246	**1**	1	No	716644	6.34
862-226SQ	248	**1**	1	No	717542	10.236
862-226SR	248	**1**	1	No	717245	6.905
862-227I	248	**1**	1	No	718051	13.19
862-227IN	248	**1**	1	No	717931	-
862-227NQ	246	**1**	1	No	716972	6.34
862-227NR	246	**1**	1	No	716675	6.905
862-227NRE	247	**1**	1	No	717849	6.905
862-228NQ	246	**1**	1	No	717009	11.3
862-228NR	246	**1**	1	No	716705	6.34
862-229I	248	**1**	1	No	718082	19.988
862-229IN	248	**1**	1	No	717962	-
862-229INQ	249	**1**	1	No	741066	23.5
862-229IQ	249	**1**	1	No	741004	20
862-2310NQ	246	**1**	1	No	717047	6.61
862-2310NR	246	**1**	1	No	716743	12.34
862-2310NRE	247	**1**	1	No	723949	-
862-235NQ	246	**1**	1	No	716927	8.7
862-235NR	246	**1**	1	No	716620	3.5555
862-235SQ	248	**1**	1	No	717528	6.61
862-235SR	247	**1**	1	No	717221	9.097
862-236NQ	246	**1**	1	No	716958	10.025
862-236NR	246	**1**	1	No	716651	8.55
862-236SQ	248	**1**	1	No	717559	-
862-236SR	248	**1**	1	No	717252	7.175
862-237I	248	**1**	1	No	718068	13.46
862-237IN	248	**1**	1	No	717948	15.375
862-237NQ	246	**1**	1	No	716989	6.61
862-237NR	246	**1**	1	No	716682	6.61
862-237NRE	247	**1**	1	No	724335	6.61
862-238NQ	246	**1**	1	No	717016	11.57
862-238NR	246	**1**	1	No	716712	6.61
862-239I	248	**1**	1	No	718099	20.258
862-239IN	248	**1**	1	No	717979	21.056
862-239INQ	249	**1**	1	No	741073	23.5
862-239IQ	249	**1**	1	No	741011	20
862-2410NQ	246	**1**	1	No	717054	6.73
862-2410NR	246	**1**	1	No	716750	12.46
862-2410NRE	247	**1**	1	No	723956	-
862-245NQ	246	**1**	1	No	716934	9.3
862-245NR	246	**1**	1	No	716637	8.4
862-245SQ	248	**1**	1	No	717535	6.73
862-245SR	247	**1**	1	No	717238	8.652
862-246NQ	246	**1**	1	No	716965	9.58
862-246NR	246	**1**	1	No	716668	9.15
862-246SQ	248	**1**	1	No	717566	10.061
862-246SR	248	**1**	1	No	717269	6.73
862-247I	248	**1**	1	No	718075	14.145
862-247IN	248	**1**	1	No	717955	14.93
862-247NQ	246	**1**	1	No	716996	6.73
862-247NR	246	**1**	1	No	716699	7.295
862-247NRE	247	**1**	1	No	724342	-
862-248NQ	246	**1**	1	No	717023	11.69
862-248NR	246	**1**	1	No	716729	6.73
862-249I	248	**1**	1	No	718105	20.943
862-249IN	248	**1**	1	No	717986	21.176
862-249INQ	249	**1**	1	No	741080	23.5
862-249IQ	249	**1**	1	No	741028	20
862-410LNQ	259	**1**	4	Yes	716491	-
862-410LNR	259	**1**	8	Yes	716446	5.73
862-410LNRE	259	**1**	8	Yes	716552	5.732
862-45LNQ	259	**1**	20	Yes	716453	2.15
862-45LNR	259	**1**	20	Yes	716408	1.645
862-45LSQ	260	**1**	20	Yes	716538	2.396
862-45LSR	260	**1**	24	Yes	716507	1.922
862-46LNQ	259	**1**	16	Yes	716460	2.9
862-46LNR	259	**1**	20	Yes	716415	1.94

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
862-46LSQ	260	**1**	16	Yes	716521	3.331
862-46LSR	260	**1**	20	Yes	716514	2.5
862-47LI	260	**1**	1	Yes	716569	6.85
862-47LIN	260	**1**	4	Yes	716583	8.2
862-47LNQ	259	**1**	12	Yes	716477	3.6167
862-47LNR	259	**1**	12	Yes	716422	3.03
862-47LNRE	259	**1**	8	Yes	716545	4.23
862-48LNQ	259	**1**	8	Yes	716484	4.96
862-48LNR	259	**1**	8	Yes	716439	3.95
862-49LI	260	**1**	1	Yes	716576	13.648
862-49LIN	260	**1**	1	Yes	716590	13.75
862-49LINQ	260	**1**	1	Yes	735942	17
862-49LIQ	260	**1**	1	Yes	735935	13.33
862-6210NQ	250	**1**	1	No	717184	7.1
862-6210NR	249	**1**	1	No	716880	7.1
862-6210NRE	250	**1**	1	No	751157	-
862-625NQ	249	**1**	1	No	717061	7.1
862-625NR	249	**1**	1	No	716767	9.31
862-625SQ	251	**1**	1	No	717665	7.1
862-625SR	251	**1**	1	No	717368	9.022
862-626NQ	250	**1**	1	No	717092	10.5
862-626NR	249	**1**	1	No	716798	7.1
862-626SQ	251	**1**	1	No	717696	10.791
862-626SR	251	**1**	1	No	717399	7.1
862-627I	251	**1**	1	No	718112	-
862-627IN	251	**1**	1	No	717993	-
862-627NQ	250	**1**	1	No	717122	7.1
862-627NR	249	**1**	1	No	716828	7.1
862-627NRE	250	**1**	1	No	717900	7.665
862-628NQ	250	**1**	1	No	717153	-
862-628NR	249	**1**	1	No	716859	7.1
862-629I	252	**1**	1	No	718143	-
862-629IN	252	**1**	1	No	718020	-
862-629INQ	252	**1**	1	No	741097	23.5
862-629IQ	252	**1**	1	No	741035	20
862-6310NQ	250	**1**	1	No	717191	8.025
862-6310NR	249	**1**	1	No	716897	7.46
862-6310NRE	250	**1**	1	No	726483	-
862-635NQ	249	**1**	1	No	717078	8.025
862-635NR	249	**1**	1	No	716774	9.105
862-635SQ	251	**1**	1	No	717672	7.46
862-635SR	251	**1**	1	No	717375	9.382
862-636NQ	250	**1**	1	No	717108	10.85
862-636NR	249	**1**	1	No	716804	7.46
862-636SQ	251	**1**	1	No	717702	10.791
862-636SR	251	**1**	1	No	717405	7.46
862-637I	251	**1**	1	No	718129	14.31
862-637IN	251	**1**	1	No	718006	-
862-637NQ	250	**1**	1	No	717139	8.025
862-637NR	249	**1**	1	No	716835	7.46
862-637NRE	250	**1**	1	No	717917	8.025
862-638NQ	250	**1**	1	No	717160	12.985
862-638NR	249	**1**	1	No	716866	7.46
862-639I	252	**1**	1	No	718150	21.108
862-639IN	252	**1**	1	No	718037	-
862-639INQ	252	**1**	1	No	741103	23.5
862-639IQ	252	**1**	1	No	741042	20
862-6410NQ	250	**1**	1	No	717207	8.665
862-6410NR	249	**1**	1	No	716903	8.1
862-6410NRE	250	**1**	1	No	723963	-
862-645NQ	249	**1**	1	No	717085	8.665
862-645NR	249	**1**	1	No	716781	9.745
862-645SQ	251	**1**	1	No	717689	8.1
862-645SR	251	**1**	1	No	717382	10.022
862-646NQ	250	**1**	1	No	717115	11.515
862-646NR	249	**1**	1	No	716811	8.665
862-646SQ	251	**1**	1	No	717719	11.431
862-646SR	251	**1**	1	No	717412	7.46
862-647I	251	**1**	1	No	718136	-
862-647IN	251	**1**	1	No	718013	16.865
862-647NQ	250	**1**	1	No	717146	8.665
862-647NR	249	**1**	1	No	716842	8.665
862-647NRE	250	**1**	1	No	724359	8.665
862-648NQ	250	**1**	1	No	717177	13.625
862-648NR	249	**1**	1	No	716873	8.1
862-649I	252	**1**	1	No	718167	20.0096
862-649IN	252	**1**	1	No	718044	24
862-649INQ	252	**1**	1	No	741110	23.5
862-649IQ	252	**1**	1	No	741059	20
862-B22	261	**1**	1	No	725950	6.34
862-B23	261	**1**	1	No	725967	6.61
862-B24	261	**1**	1	No	725974	6.73
862-B62	261	**1**	1	No	725981	7.1
862-B63	261	**1**	1	No	726193	7.46
862-B64	261	**1**	1	No	725998	8.1
862-EX4	247	**1**	16	No	716606	3.05
862-EX4	247	**1**	16	No	716606	3.05
862-EX4	248	**1**	16	No	716606	3.05
862-EX4	249	**1**	16	No	716606	3.05
862-EX4	250	**1**	16	No	716606	3.05
862-EX4	250	**1**	16	No	716606	3.05
862-EX4	251	**1**	16	No	716606	3.05
862-EX4	252	**1**	16	No	716606	3.05
862-EX4	259	**1**	16	No	716606	3.05
862-EX4	259	**1**	16	No	716606	3.05
862-EX4	260	**1**	16	No	716606	3.05
862-EX4	260	**1**	16	No	716606	3.05
862-EX4	261	**1**	16	No	716606	3.05
863-325NQ	329	**1**	2	Yes	355119	4.3377
863-325SQ	329	**1**	2	Yes	308665	3.5217

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
863-325SR	329	**1**	6	Yes	308535	2.7817
863-32NQ	328	**1**	2	Yes	355164	4.9857
863-32SQ	328	**1**	2	Yes	308672	4.2561
863-32SR	328	**1**	6	Yes	308542	3.8796
863-335CQ	402	**1**	2	Yes	312235	3.6867
863-335CR	402	**1**	1	Yes	312228	2.8167
863-335NQ	329	**1**	2	Yes	355225	4.5983
863-335NQ	402	**1**	2	Yes	355225	4.5983
863-335SQ	329	**1**	2	Yes	308689	3.6867
863-335SQ	402	**1**	2	Yes	308689	3.6867
863-335SR	329	**1**	6	Yes	308559	2.8167
863-335SR	402	**1**	6	Yes	308559	2.8167
863-33NQ	328	**1**	1	Yes	355270	5.1463
863-33NR	328	**1**	6	Yes	355287	4.0507
863-33SQ	328	**1**	2	Yes	308696	4.4211
863-33SR	328	**1**	6	Yes	308566	4.0446
863-345NQ	329	**1**	2	Yes	355331	4.6483
863-345NR	329	**1**	6	Yes	355348	3.7583
863-34NQ	328	**1**	2	Yes	355393	5.1963
863-34NR	328	**1**	6	Yes	355409	4.1007
863-34SQ	328	**1**	2	Yes	308702	4.4711
863-34SR	328	**1**	6	Yes	308573	4.0946
863-425NR	329	**1**	6	Yes	302939	3.0417
863-425SQ	329	**1**	2	Yes	308580	3.8067
863-425SR	329	**1**	1	Yes	308467	3.0692
863-42NQ	328	**1**	2	Yes	351159	5.4333
863-42NR	328	**1**	6	Yes	302953	3.117
863-42SQ	328	**1**	1	Yes	308597	4.5456
863-42SR	328	**1**	6	Yes	308474	3.2167
863-435CQ	402	**1**	2	Yes	312211	3.8717
863-435CR	402	**1**	6	Yes	312204	3.1083
863-435NQ	329	**1**	2	Yes	351166	4.7833
863-435NQ	402	**1**	2	Yes	351166	4.7833
863-435NR	329	**1**	6	Yes	302984	3.0517
863-435NR	402	**1**	6	Yes	302984	3.0517
863-435SQ	329	**1**	2	Yes	308634	3.8717
863-435SQ	402	**1**	2	Yes	308634	3.8717
863-43NQ	328	**1**	2	Yes	304810	4.36
863-43NR	328	**1**	6	Yes	304803	4.2207
863-43SQ	328	**1**	1	Yes	308641	4.55
863-43SR	328	**1**	1	Yes	308498	3.3
863-445NQ	329	**1**	1	Yes	355577	4.7733
863-445NR	329	**1**	6	Yes	303042	3.9727
863-44NQ	328	**1**	2	Yes	355614	5.3213
863-44NR	328	**1**	6	Yes	304780	3.275
863-44SQ	328	**1**	1	Yes	308658	4.5961
863-44SR	328	**1**	1	Yes	308528	3.3417
863-FA	314	**1**	12	Yes	355775	0.7292
863-FA	315	**1**	12	Yes	355775	0.7292
863-FA	317	**1**	12	Yes	355775	0.7292
863-FA	318	**1**	12	Yes	355775	0.7292
863-FA	320	**1**	12	Yes	355775	0.7292
863-FA	320	**1**	12	Yes	355775	0.7292
863-FA	322	**1**	12	Yes	355775	0.7292
863-FA	323	**1**	12	Yes	355775	0.7292
863-FA	324	**1**	12	Yes	355775	0.7292
863-FA	325	**1**	12	Yes	355775	0.7292
863-FA	326	**1**	12	Yes	355775	0.7292
863-FA	327	**1**	12	Yes	355775	0.7292
863-FA	328	**1**	12	Yes	355775	0.7292
863-FA	329	**1**	12	Yes	355775	0.7292
863-FA	330	**1**	12	Yes	355775	0.7292
863-FA	331	**1**	12	Yes	355775	0.7292
863-FA	333	**1**	12	Yes	355775	0.7292
863-FA	338	**1**	12	Yes	355775	0.7292
863-FA	340	**1**	12	Yes	355775	0.7292
863-FA	341	**1**	12	Yes	355775	0.7292
863-FACQ	237	**1**	12	Yes	355775	0.0608
863-FACQ	238	**1**	12	Yes	355775	0.0608
863-FACQ	239	**1**	12	Yes	355775	0.0608
863-FACQ	240	**1**	12	Yes	355775	0.0608
863-FACQ	241	**1**	12	Yes	355775	0.0608
863-FACQ	242	**1**	12	Yes	355775	0.0608
863-FACQ	243	**1**	12	Yes	355775	0.0608
863-FACQ	244	**1**	12	Yes	355775	0.0608
863-FACQ	245	**1**	12	Yes	355775	0.0608
863-FACQ	247	**1**	12	Yes	355775	0.0608
863-FACQ	250	**1**	12	Yes	355775	0.0608
863-FACQ	253	**1**	12	Yes	355775	0.0608
863-FACQ	254	**1**	12	Yes	355775	0.0608
863-FACQ	262	**1**	12	Yes	355775	0.0608
863-FACQ	265	**1**	12	Yes	355775	0.0608
863-FACQ	266	**1**	12	Yes	355775	0.0608
863-FACQ	267	**1**	12	Yes	355775	0.0608
863-FACQ	268	**1**	12	Yes	355775	0.0608
863-FACQ	270	**1**	12	Yes	355775	0.0608
863-FACQ	271	**1**	12	Yes	355775	0.0608
863-FN	314	**1**	12	Yes	351128	1.9792
863-FN	315	**1**	12	Yes	351128	1.9792
863-FN	317	**1**	12	Yes	351128	1.9792
863-FN	318	**1**	12	Yes	351128	1.9792
863-FN	320	**1**	12	Yes	351128	1.9792
863-FN	320	**1**	12	Yes	351128	1.9792
863-FN	322	**1**	12	Yes	351128	1.9792
863-FN	323	**1**	12	Yes	351128	1.9792
863-FN	324	**1**	12	Yes	351128	1.9792
863-FN	325	**1**	12	Yes	351128	1.9792
863-FN	326	**1**	12	Yes	351128	1.9792
863-FN	327	**1**	12	Yes	351128	1.9792
863-FN	328	**1**	12	Yes	351128	1.9792

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
863-FN	329	**1**	12	Yes	351128	1.9792
863-FN	330	**1**	12	Yes	351128	1.9792
863-FN	331	**1**	12	Yes	351128	1.9792
863-FN	333	**1**	12	Yes	351128	1.9792
863-FN	338	**1**	12	Yes	351128	1.9792
863-FN	340	**1**	12	Yes	351128	1.9792
863-FN	341	**1**	12	Yes	351128	1.9792
863-FNCQ	237	**1**	12	Yes	351128	1.9792
863-FNCQ	238	**1**	12	Yes	351128	1.9792
863-FNCQ	239	**1**	12	Yes	351128	1.9792
863-FNCQ	240	**1**	12	Yes	351128	1.9792
863-FNCQ	241	**1**	12	Yes	351128	1.9792
863-FNCQ	242	**1**	12	Yes	351128	1.9792
863-FNCQ	243	**1**	12	Yes	351128	1.9792
863-FNCQ	244	**1**	12	Yes	351128	1.9792
863-FNCQ	245	**1**	12	Yes	351128	1.9792
863-FNCQ	247	**1**	12	Yes	351128	1.9792
863-FNCQ	250	**1**	12	Yes	351128	1.9792
863-FNCQ	253	**1**	12	Yes	351128	1.9792
863-FNCQ	254	**1**	12	Yes	351128	1.9792
863-FNCQ	262	**1**	12	Yes	351128	1.9792
863-FNCQ	265	**1**	12	Yes	351128	1.9792
863-FNCQ	266	**1**	12	Yes	351128	1.9792
863-FNCQ	267	**1**	12	Yes	351128	1.9792
863-FNCQ	268	**1**	12	Yes	351128	1.9792
863-FNCQ	270	**1**	12	Yes	351128	1.9792
863-FNCQ	271	**1**	12	Yes	351128	1.9792
863-FNO	314	**1**	12	Yes	351340	3.4
863-FNO	315	**1**	12	Yes	351340	3.4
863-FNO	317	**1**	12	Yes	351340	3.4
863-FNO	318	**1**	12	Yes	351340	3.4
863-FNO	320	**1**	12	Yes	351340	3.4
863-FNO	320	**1**	12	Yes	351340	3.4
863-FNO	322	**1**	12	Yes	351340	3.4
863-FNO	323	**1**	12	Yes	351340	3.4
863-FNO	324	**1**	12	Yes	351340	3.4
863-FNO	325	**1**	12	Yes	351340	3.4
863-FNO	326	**1**	12	Yes	351340	3.4
863-FNO	327	**1**	12	Yes	351340	3.4
863-FNO	328	**1**	12	Yes	351340	3.4
863-FNO	330	**1**	12	Yes	351340	3.4
863-FNO	331	**1**	12	Yes	351340	3.4
863-FNO	333	**1**	12	Yes	351340	3.4
863-FNO	338	**1**	12	Yes	351340	3.4
863-FNO	340	**1**	12	Yes	351340	3.4
863-FNO	341	**1**	12	Yes	351340	3.4
863-FNOCQ	237	**1**	12	Yes	351340	0.2833
863-FNOCQ	238	**1**	12	Yes	351340	0.2833
863-FNOCQ	239	**1**	12	Yes	351340	0.2833
863-FNOCQ	240	**1**	12	Yes	351340	0.2833
863-FNOCQ	241	**1**	12	Yes	351340	0.2833
863-FNOCQ	242	**1**	12	Yes	351340	0.2833
863-FNOCQ	243	**1**	12	Yes	351340	0.2833
863-FNOCQ	244	**1**	12	Yes	351340	0.2833
863-FNOCQ	245	**1**	12	Yes	351340	0.2833
863-FNOCQ	247	**1**	12	Yes	351340	0.2833
863-FNOCQ	250	**1**	12	Yes	351340	0.2833
863-FNOCQ	262	**1**	12	Yes	351340	0.2833
863-FNOCQ	265	**1**	12	Yes	351340	0.2833
863-FNOCQ	266	**1**	12	Yes	351340	0.2833
863-FNOCQ	267	**1**	12	Yes	351340	0.2833
863-FNOCQ	268	**1**	12	Yes	351340	0.2833
863-FNOCQ	270	**1**	12	Yes	351340	0.2833
863-FNOCQ	271	**1**	12	Yes	351340	0.2833
863-HA23	333	**1**	10	Yes	304476	1.8834
863-HA33	333	**1**	10	Yes	355782	2.0484
863-HA44	333	**1**	10	Yes	355812	2.0534
863-HP23	333	**1**	10	Yes	303295	2.1172
863-HP33	333	**1**	10	Yes	303134	2.2334
863-HP34	333	**1**	10	Yes	351531	2.1734
863-HP44	333	**1**	10	Yes	303158	2.1784
863-U	338	**1**	5	Yes	305572	0.38
863-U	340	**1**	5	Yes	305572	0.38
864-2A	320	**1**	3	Yes	351241	2.3617
864-2P	320	**1**	3	Yes	351142	3.075
864-3A	320	**1**	3	Yes	355874	2.525
864-3P	320	**1**	3	Yes	303172	2.6617
864-4A	320	**1**	3	Yes	355881	4.3294
864-4P	320	**1**	3	Yes	303219	2.73
864-GP	320	**1**	1	Yes	355898	1.1584
864-GP2	320	**1**	1	Yes	737182	0.894
864-S	320	**1**	10	Yes	303196	0.3245
864-UM	320	**1**	10	Yes	306456	0.6992
864-UM	341	**1**	10	Yes	306456	0.6992
864-W2P	341	**1**	3	Yes	315724	2.95
864-W3P	341	**1**	3	Yes	315731	3
864-W4P	341	**1**	3	Yes	315748	3.0833
864-WGP	341	**1**	1	Yes	315755	1.2
864-WGP2	341	**1**	1	Yes	321879	1.3868
864-WS	341	**1**	10	Yes	315762	0.4107
865-12ECD	380	**1**	1	No	729514	16.6
865-12OCD	380	**1**	1	No	729521	12.95
865-12PC	386	**1**	1	No	724779	2.6
865-16ECD	380	**1**	1	No	729538	23.35
865-16OCD	380	**1**	1	No	729545	19
865-4BK	376	**1**	1	No	734631	3
865-4BK	382	**1**	1	No	734631	3
865-4EC	376	**1**	1	No	729552	0.2
865-4EC	382	**1**	1	No	729552	0.2
865-4LPEC3	376	**1**	1	No	729569	0.1

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
865-4LPEC3	382	**1**	1	No	729569	0.1
865-4LPEC4	376	**1**	1	No	729576	0.1
865-4LPEC4	382	**1**	1	No	729576	0.1
865-4LR	376	**1**	1	No	729583	0.05
865-4LR	382	**1**	1	No	729583	0.05
865-4OC	376	**1**	1	No	729590	0.25
865-4OC	382	**1**	1	No	729590	0.25
865-4PC	376	**1**	1	No	729606	0.0148
865-4PC	382	**1**	1	No	729606	0.0148
865-4RS	376	**1**	1	No	729613	0.0029
865-4RS	382	**1**	1	No	729613	0.0029
865-6BK	378	**1**	1	No	747853	2.65
865-6LR	378	**1**	1	No	729620	0.05
865-6PC	378	**1**	1	No	729637	0.95
865-6PC	379	**1**	1	No	729637	0.95
865-6PCE	378	**1**	1	No	729644	1
865-6RS	378	**1**	1	No	729651	0.3
865-6RS	379	**1**	1	No	729651	0.3
865-6UC	378	**1**	20	Yes	729668	0.4
865-8BK	379	**1**	1	No	747860	3.5
865-8ECD	379	**1**	1	No	738110	7.28
865-8LR	379	**1**	1	No	729675	0.036
865-8OCD	379	**1**	1	No	738127	5
865-8PC	380	**1**	1	No	729682	1.45
865-8PC	380	**1**	1	No	729682	1.45
865-8RS	380	**1**	1	No	729699	0.45
865-8RS	380	**1**	1	No	729699	0.45
865-A	370	**1**	20	No	324801	0.155
865-A	371	**1**	20	No	324801	0.155
865-C	370	**1**	1	No	324818	2.0369
865-C	371	**1**	1	No	324818	2.0369
865-CB4	370	**1**	1	Yes	735027	0.6
865-CB6	370	**1**	1	Yes	735041	0.55
865-D	370	**1**	1	Yes	327475	0.55
865-EC	370	**1**	50	Yes	323989	0.46
865-EG	370	**1**	1	Yes	325174	1.45
865-EG	371	**1**	1	Yes	325174	1.45
865-EO	370	**1**	25	Yes	323996	0.7125
865-F	370	**1**	1	Yes	324030	15.325
865-F	371	**1**	1	Yes	324030	15.325
865-FB	370	**1**	1	Yes	734990	9
865-FC	370	**1**	1	Yes	734983	27.4
865-FCB	370	**1**	1	Yes	734686	40.12
865-GGD	369	**1**	2	Yes	329363	6.825
865-GGD	371	**1**	2	Yes	329363	6.825
865-GGS	369	**1**	1	Yes	324047	6.1
865-GGS	371	**1**	1	Yes	324047	6.1
865-GGSR	369	**1**	1	Yes	327932	15.9
865-GGSR	371	**1**	1	Yes	327932	15.9
865-GHC	369	**1**	1	Yes	712288	5.2
865-GHC	371	**1**	1	Yes	712288	5.2
865-GHS	369	**1**	2	Yes	324061	3.847
865-GHS	371	**1**	2	Yes	324061	3.847
865-GIC	369	**1**	1	Yes	324078	18.75
865-GIC	370	**1**	1	Yes	324078	18.75
865-GICF	369	**1**	1	Yes	742599	33.75
865-GICF	370	**1**	1	Yes	742599	33.75
865-GID	369	**1**	1	Yes	324085	19.35
865-GID	370	**1**	1	Yes	324085	19.35
865-GIS	369	**1**	1	Yes	324092	19.25
865-GIS	370	**1**	1	Yes	324092	19.25
865-GSA	369	**1**	1	Yes	715463	6.65
865-GSA	371	**1**	1	Yes	715463	6.65
865-GSB	369	**1**	2	Yes	725035	13.5
865-GSB	371	**1**	2	Yes	725035	13.5
865-GSBC	369	**1**	1	No	739032	18
865-GSBC	371	**1**	1	No	739032	18
865-GSD	369	**1**	2	Yes	324108	5.3
865-GSD	371	**1**	2	Yes	324108	5.3
865-GSS	369	**1**	1	Yes	324115	6.05
865-GSS	371	**1**	1	Yes	324115	6.05
865-GSSR	369	**1**	1	Yes	327949	16.075
865-GSSR	371	**1**	1	Yes	327949	16.075
865-HB12005BFA	386	**1**	1	No	729712	231.4851
865-HB12005FA	386	**1**	1	No	745231	235
865-HB1200FA	386	**1**	1	No	722638	242.5082
865-HB12ADA005BFA	386	**1**	1	No	729729	231.4851
865-HB12ADA005FA	386	**1**	1	No	722799	242.2085
865-HB12ADA005SFA	386	**1**	1	No	723413	242.2085
865-HB12ADA00FA	386	**1**	1	No	722621	242.5082
865-HB12EC	386	**1**	1	No	729736	4.1
865-HB12OC	386	**1**	1	No	729743	3.1
865-HB12S	386	**1**	1	No	729750	2.35
865-HB4005BFA	385	**1**	1	No	729767	37.4785
865-HB4005FA	385	**1**	1	No	757869	35.2
865-HB4005SFA	385	**1**	1	No	729781	37.4785
865-HB400FA	385	**1**	1	No	729798	67.2409
865-HB4CBFA	385	**1**	1	No	729804	83.7756
865-HB4EC	385	**1**	1	No	729811	-
865-HB4INSB	385	**1**	1	No	729828	-
865-HB4OC	385	**1**	1	No	729835	-
865-HB6005BFA	385	**1**	1	No	729842	68.3432
865-HB6005HSFA	385	**1**	1	No	729859	70.5478
865-HB600FA	385	**1**	1	No	729866	110.8924
865-HB6ADA005BFA	385	**1**	1	No	729873	68.3432
865-HB6ADA005FA	385	**1**	1	No	729880	68.3432
865-HB6ADA005HSFA	385	**1**	1	No	729897	70.5478
865-HB6ADA00FA	385	**1**	1	No	729903	110.8924
865-HB6ADACBFA	385	**1**	1	No	729910	121.2541
865-HB6AINSB	385	**1**	1	No	735850	6.4

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
865-HB6AINSB	386	**1**	1	No	735850	6.4	**865-M16PCBFA**	380	**1**	1	No	730299	396.8316
865-HB6AINSB	386	**1**	1	No	735850	6.4	**865-M16PN005EA**	380	**1**	1	No	730305	286.6006
865-HB6CBFA	385	**1**	1	No	729927	121.2541	**865-M16PN005FA**	380	**1**	1	No	730312	297.6237
865-HB6DS	385	**1**	1	No	744074	0.45	**865-M16PN00BEA**	380	**1**	1	No	730329	546.7458
865-HB6EC	385	**1**	1	No	729934	0.6	**865-M16PN00BFA**	380	**1**	1	No	730336	568.792
865-HB6INSB	385	**1**	1	No	729941	6.3	**865-M16PN00EA**	380	**1**	1	No	730343	551.155
865-HB6INSB	386	**1**	1	No	729941	6.3	**865-M16PN00FA**	380	**1**	1	No	730350	593.0428
865-HB6INSB	386	**1**	1	No	729941	6.3	**865-M4CB**	376	**1**	1	No	730367	94.7987
865-HB6OC	385	**1**	1	No	729958	0.55	**865-M4DICH**	375	**1**	1	No	730374	11.2436
865-HB8005BFA	385	**1**	1	No	729965	97.0033	**865-M4DICT**	375	**1**	1	No	730381	8.5
865-HB8005SFA	385	**1**	1	No	729972	99.2079	**865-M4DIDL**	375	**1**	1	No	730398	11.45
865-HB800FA	385	**1**	1	No	729989	145.7254	**865-M4DIEM**	375	**1**	1	No	741684	12.12
865-HB8ADA005BFA	386	**1**	1	No	724786	97.0033	**865-M4DIFH**	375		1	No	730404	15.6528
865-HB8ADA005FA	386	**1**	1	No	741325	100	**865-M4DIFL**	375	**1**	1	No	730411	15.6528
865-HB8ADA005SFA	386	**1**	1	No	729996	99.2079	**865-M4LP00**	376	**1**	1	No	730428	33.0693
865-HB8ADA00FA	386	**1**	1	No	724199	145.7254	**865-M4LP005**	376	**1**	1	No	730435	16.5346
865-HB8ADACBFA	386	**1**	1	No	724793	136.6864	**865-M4LP00B**	376	**1**	1	No	730442	33.0693
865-HB8CBFA	386	**1**	1	No	730008	136.6864	**865-M4N00**	376	**1**	1	No	730459	61.7294
865-HB8EC	386	**1**	1	No	730015	1.05	**865-M4N005**	376	**1**	1	No	730466	31.967
865-HB8OC	386	**1**	1	No	730022	-	**865-M4N00B**	376	**1**	1	No	730473	61.7294
865-HL4L	389	**1**	1	No	727947	10.7	**865-M4N10**	375	**1**	1	No	730480	66.1386
865-HL4N005BF	389	**1**	1	No	730039	15.45	**865-M4N105**	375	**1**	1	No	730497	33.0693
865-HL4N005K	389	**1**	1	No	730046	15.4323	**865-M4N105S**	375	**1**	1	No	730503	30.8647
865-HL4N00CSF	389	**1**	1	No	730053	26.4554	**865-M4N10B**	375	**1**	1	No	730510	66.1386
865-HL4N00F	389	**1**	1	No	730060	23.75	**865-M4N15**	375	**1**	1	No	730527	78.264
865-HLAC	389	**1**	1	No	725936	4.2	**865-M4N155**	375	**1**	1	No	730534	39.6832
865-HLCE	389	**1**	1	No	730077	0.2	**865-M4N155S**	375	**1**	1	No	730541	37.4785
865-HLDC	389	**1**	1	No	725943	4.25	**865-M4N15B**	375	**1**	1	No	730558	78.264
865-HLEC	389	**1**	1	No	730084	0.1	**865-M4N20**	375	**1**	1	No	730565	91.4917
865-HLISC	389	**1**	1	No	730091	0.15	**865-M4N205**	375	**1**	1	No	730572	41.8878
865-HLP4AB	389	**1**	1	No	730107	3.3069	**865-M4N205S**	375	**1**	1	No	730589	39.6832
865-HLP4C	389	**1**	1	No	730114	7.9366	**865-M4N20B**	375	**1**	1	No	730596	91.4917
865-HLP4N00F1M	389	**1**	1	No	730121	9.9208	**865-M4N25**	375	**1**	1	No	730602	109.1066
865-HLP4N00F3M	389	**1**	1	No	730138	26.4554	**865-M4N255**	375	**1**	1	No	730619	51.7865
865-HLP4T	389	**1**	1	No	730145	13.0073	**865-M4N255S**	375	**1**	1	No	730626	48.5016
865-HLP4X	389	**1**	1	No	730152	16.7551	**865-M4N25B**	375	**1**	1	No	730633	104.6974
865-HLPCE	389	**1**	1	No	730169	0.25	**865-M4N30**	375	**1**	1	No	730640	114.6402
865-HLPEC	389	**1**	1	No	730176	0.15	**865-M4N305**	375	**1**	1	No	730657	56.2178
865-HLPED	389	**1**	1	No	730183	0.575	**865-M4N305S**	375	**1**	1	No	730664	56.2178
865-HLPISC	389	**1**	1	No	730190	0.15	**865-M4N30B**	375	**1**	1	No	730671	112.3915
865-HLPPED	389	**1**	1	No	724526	1.65	**865-M4S01**	375	**1**	1	No	730688	67.4614
865-M12PCBEA	380	**1**	1	No	730206	313.056	**865-M4S02**	375	**1**	1	No	730695	68.7841
865-M12PCBFA	380	**1**	1	No	730213	328.4884	**865-M4S03**	375	**1**	1	No	730701	70.1069
865-M12PN005EA	379	**1**	1	No	730220	217.1551	**865-M4S04**	375	**1**	1	No	730718	71.6502
865-M12PN005FA	380	**1**	1	No	730237	227.0759	**865-M4S05**	375	**1**	1	No	730725	72.7525
865-M12PN00BEA	379	**1**	1	No	730244	423.287	**865-M4S06**	375	**1**	1	No	730732	74.0752
865-M12PN00BFA	380	**1**	1	No	730251	438.7194	**865-M4S07**	375	**1**	1	No	730749	75.6185
865-M12PN00EA	379	**1**	1	No	730268	432.7669	**865-M4S08**	375	**1**	1	No	730756	77.3822
865-M12PN00FA	380	**1**	1	No	730275	453.0494	**865-M4S10**	375	**1**	1	No	730770	80.4686
865-M16PCBEA	380	**1**	1	No	730282	374.7854	**865-M4S11**	375	**1**	1	No	730787	82.0119

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
865-M4S12	375	**1**	1	No	730794	83.7756	**865-M6S01DA**	377	**1**	1	No	731296	152.1188
865-M4S13	375	**1**	1	No	730800	85.3188	**865-M6S01FA**	378	**1**	1	No	731319	175.4878
865-M4S14	375	**1**	1	No	730817	86.862	**865-M6S02DA**	377	**1**	1	No	731326	155.4257
865-M4S15	375	**1**	1	No	730824	88.4053	**865-M6S02FA**	378	**1**	1	No	731333	179.6765
865-M4S16	375	**1**	1	No	730831	90.169	**865-M6S03DA**	377	**1**	1	No	731340	158.7326
865-M4S17	375	**1**	1	No	730848	91.7122	**865-M6S03FA**	378	**1**	1	No	731364	184.0858
865-M4S18	375	**1**	1	No	730855	93.4759	**865-M6S04DA**	377	**1**	1	No	731371	162.0396
865-M4S19	375	**1**	1	No	730862	95.0191	**865-M6S04FA**	378	**1**	1	No	731395	186.2904
865-M4S20	375	**1**	1	No	730879	96.1214	**865-M6S05DA**	377	**1**	1	No	731401	165.3465
865-M4S21	375	**1**	1	No	730886	97.6647	**865-M6S05FA**	378	**1**	1	No	731418	189.5973
865-M4S22	375	**1**	1	No	730893	99.4284	**865-M6S06DA**	377	**1**	1	No	731425	167.992
865-M4S23	375	**1**	1	No	730909	100.9716	**865-M6S06FA**	378	**1**	1	No	731432	192.2429
865-M4S24	376	**1**	1	No	730916	102.7353	**865-M6S07DA**	377	**1**	1	No	731449	170.1967
865-M4S25	376	**1**	1	No	730923	104.2785	**865-M6S07FA**	378	**1**	1	No	731456	194.4475
865-M4S26	376	**1**	1	No	730930	106.0422	**865-M6S08DA**	377	**1**	1	No	731463	172.4013
865-M4S27	376	**1**	1	No	730947	107.5855	**865-M6S08FA**	378	**1**	1	No	731487	196.6521
865-M4S28	376	**1**	1	No	730954	109.3492	**865-M6S09DA**	377	**1**	1	No	731494	174.6059
865-M4S29	376	**1**	1	No	730961	145.5049	**865-M6S09FA**	378	**1**	1	No	731517	198.8567
865-M4S30	376	**1**	1	No	730978	112.8765	**865-M6S10DA**	377	**1**	1	No	731524	176.8105
865-M6CBDA	378	**1**	1	No	730985	145.5049	**865-M6S10FA**	378	**1**	1	No	731548	200.6204
865-M6CBF1A	378	**1**	1	No	730992	156.528	**865-M8CBDA**	379	**1**	1	No	731555	156.528
865-M6CBFA	378	**1**	1	No	731005	156.528	**865-M8CBF1A**	379	**1**	1	No	731562	244.7128
865-M6N005DA	377	**1**	1	No	731012	77.1617	**865-M8CBFA**	379	**1**	1	No	731579	158.7326
865-M6N005F1A	378	**1**	1	No	731029	98.1056	**865-M8N005DA**	379	**1**	1	No	731586	119.0495
865-M6N005FA	377	**1**	1	No	731036	89.2871	**865-M8N005F1A**	379	**1**	1	No	731593	122.3564
865-M6N005SDA	377	**1**	1	No	731043	74.9571	**865-M8N005FA**	379	**1**	1	No	731609	121.2541
865-M6N005SF1A	378	**1**	1	No	731050	98.1056	**865-M8N005SDA**	379	**1**	1	No	731616	114.6402
865-M6N005SFA	377	**1**	1	No	731067	88.1848	**865-M8N005SF1A**	379	**1**	1	No	731623	244.7128
865-M6N00BDA	377	**1**	1	No	731074	150.3551	**865-M8N005SFA**	379	**1**	1	No	731630	121.2541
865-M6N00BF1A	378	**1**	1	No	731081	195.1089	**865-M8N00BDA**	379	**1**	1	No	731647	229.2805
865-M6N00BFA	377	**1**	1	No	731098	174.165	**865-M8N00BF1A**	379	**1**	1	No	731654	244.7128
865-M6N00DA	377	**1**	1	No	731104	150.3551	**865-M8N00BFA**	379	**1**	1	No	731661	242.5082
865-M6N00F1A	378	**1**	1	No	731111	195.1089	**865-M8N00DA**	379	**1**	1	No	731678	229.2805
865-M6N00FA	377	**1**	1	No	731128	174.165	**865-M8N00F1A**	379	**1**	1	No	731685	244.7128
865-M6N055DA	377	**1**	1	No	731135	83.7756	**865-M8N00FA**	379	**1**	1	No	731692	242.5082
865-M6N055FA	377	**1**	1	No	731142	97.0033	**865-N3**	369	**1**	1	No	324122	17.495
865-M6N055SDA	377	**1**	1	No	731159	81.5709	**865-N5**	369	**1**	1	No	324139	19.4185
865-M6N055SFA	377	**1**	1	No	731166	94.7987	**865-N7**	369	**1**	1	No	324146	21.271
865-M6N05BDA	377	**1**	1	No	731173	166.6693	**865-N9**	369	**1**	1	No	324153	23.09
865-M6N05BFA	377	**1**	1	No	731180	193.1247	**865-NS1**	370	**1**	1	Yes	744845	7.5
865-M6N05DA	377	**1**	1	No	731197	166.6693	**865-NSC**	371	**1**	50	Yes	744852	0.25
865-M6N05FA	378	**1**	1	No	731203	193.1247	**865-RAKE**	389	**1**	1	No	731722	1.35
865-M6N105DA	377	**1**	1	No	731210	90.3894	**865-RAKEP**	389	**1**	1	No	731739	1.2
865-M6N105FA	378	**1**	1	No	731227	102.5148	**865-S1**	369	**1**	1	No	324160	15.865
865-M6N105SDA	377	**1**	1	No	731234	15.25	**865-S15**	370	**1**	100	Yes	710628	0.0595
865-M6N105SFA	378	**1**	1	No	731241	97.0033	**865-S15**	371	**1**	100	Yes	710628	0.0595
865-M6N10BDA	377	**1**	1	No	731258	178.5742	**865-S2**	369	**1**	1	No	323828	16.61
865-M6N10BFA	378	**1**	1	No	731265	202.825	**865-S3**	369	**1**	1	No	324177	17.54
865-M6N10DA	377	**1**	1	No	731272	178.5742	**865-S4**	369	**1**	1	No	324184	18.875
865-M6N10FA	378	**1**	1	No	731289	202.825	**865-S5**	369	**1**	1	No	323781	19.335

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
865-S6	369	**1**	1	No	324191	20.21
865-S7	369	**1**	1	No	324207	21.135
865-S8	369	**1**	1	No	323798	21.88
865-S9	369	**1**	1	No	324214	22.715
865-SHOVEL	376	**1**	1	No	731746	3.25
865-SHOVEL	378	**1**	1	No	731746	3.25
865-SHOVEL	379	**1**	1	No	731746	3.25
865-SHOVEL	380	**1**	1	No	731746	3.25
865-SHOVEL	380	**1**	1	No	731746	3.25
865-SHOVEL	382	**1**	1	No	731746	3.25
865-T4CB	382	**1**	1	No	731807	82.9
865-T4DI5CL	381	**1**	1	No	731814	9.46
865-T4DI5CX	381	**1**	1	No	731821	7.9
865-T4GS5CM	381	**1**	1	No	731869	-
865-T4GS5CP	381	**1**	1	No	731876	-
865-T4GS5CS	381	**1**	1	No	731883	4.75
865-T4GSA5P	381	**1**	1	No	731890	-
865-T4GSAP	381	**1**	1	No	731906	-
865-T4GSAS	381	**1**	1	No	731913	4.55
865-T4GSCM	381	**1**	1	No	731968	-
865-T4GSCP	381	**1**	1	No	731975	-
865-T4GSCS	381	**1**	1	No	731982	10.95
865-T4LP003	382	**1**	1	No	731999	33
865-T4LP0053	382	**1**	1	No	732002	16.5
865-T4LP00BO3	382	**1**	1	No	732019	33
865-T4N00	382	**1**	1	No	732026	61.6
865-T4N005	382	**1**	1	No	732033	28.65
865-T4N00B	382	**1**	1	No	732040	61.6
865-T4N10	381	**1**	1	No	732057	74.8
865-T4N105S	381	**1**	1	No	732071	30.8
865-T4N10B	381	**1**	1	No	732088	66
865-T4N15	381	**1**	1	No	732095	78.35
865-T4N155	381	**1**	1	No	732101	40.3
865-T4N15B	381	**1**	1	No	732125	78.1
865-T4N20	381	**1**	1	No	732132	88.45
865-T4N205	381	**1**	1	No	732149	42.55
865-T4N205S	381	**1**	1	No	732156	39.6
865-T4N20B	381	**1**	1	No	732163	85.45
865-T4P5BL	381	**1**	1	No	732170	2.45
865-T4S01	381	**1**	1	No	732187	61.45
865-T4S02	381	**1**	1	No	732194	64.05
865-T4S03	381	**1**	1	No	732200	63.4
865-T4S04	381	**1**	1	No	732217	63.35
865-T4S05	381	**1**	1	No	732224	64.8
865-T4S06	381	**1**	1	No	732231	67.65
865-T4S07	381	**1**	1	No	732248	68.75
865-T4S09	381	**1**	1	No	732262	70.75
865-T4S10	381	**1**	1	No	732279	73.05
865-T4S11	381	**1**	1	No	732286	76.25
865-T4S13	381	**1**	1	No	732309	77.3
865-T4S14	381	**1**	1	No	732316	80.9
865-T4S15	381	**1**	1	No	732323	73.85
865-T4S16	381	**1**	1	No	732330	82.05
865-T4S17	381	**1**	1	No	732347	85.45
865-T4S18	381	**1**	1	No	732354	84.25
865-T4S19	381	**1**	1	No	732361	83.4
865-T4S20	381	**1**	1	No	732378	89.35
865-T4S21	381	**1**	1	No	732385	92.35
865-T4S22	381	**1**	1	No	732392	96.2
865-T4S23	381	**1**	1	No	732408	100.25
865-T4S24	381	**1**	1	No	732415	101.1
865-T4S25	381	**1**	1	No	732422	101.35
865-T4S26	381	**1**	1	No	732439	103.75
865-T4S27	381	**1**	1	No	732446	104.4
865-T4S28	381	**1**	1	No	732453	104.75
865-T4S29	382	**1**	1	No	732460	105.9
865-T4S30	382	**1**	1	No	732477	107.45
865-TEC	370	**1**	1	No	742117	2
865-TEO	370	**1**	1	No	742124	3
865-TNB	370	**1**	1	No	744951	15
865-TNCBDS	370	**1**	1	No	742094	120
865-TNCBFM	370	**1**	1	No	742100	130
865-TNDS	370	**1**	1	No	742070	107.14
865-TNFM	370	**1**	1	No	742087	147.7
865-TOOL	376	**1**	1	No	732934	0.7
865-TOOL	378	**1**	1	No	732934	0.7
865-TOOL	379	**1**	1	No	732934	0.7
865-TOOL	382	**1**	1	No	732934	0.7
866-2I	415	1	4	Yes	301055	5.375
866-2PPK	415	5	5	Yes	301062	0.66
866-2S	418	1	20	Yes	356369	0.2248
866-34PPK	415	5	5	Yes	301093	2.14
866-3I	415	1	4	Yes	301086	11.1125
866-3S	418	1	20	Yes	301192	0.69
866-S2I	418	1	10	Yes	301154	1.26
866-S3I	418	1	10	Yes	301185	2.24
867-30PK	441	25	25	Yes	315304	0.27
867-35PK	441	25	25	Yes	315359	0.24
867-A2	346	2	2	Yes	351289	2.8422
867-A2M	346	2	2	Yes	355904	6.849
867-A3	346	2	2	Yes	303264	2.9422
867-A3M	346	2	2	Yes	355911	6.949
867-A4	346	2	2	Yes	351296	2.625
867-A4M	346	2	2	Yes	355928	6.999
867-C	346	**1**	25	Yes	339188	1.582
867-C	348	**1**	25	Yes	339188	1.582
867-DI2	347	**1**	1	Yes	204905	36.48
867-DI3	347	**1**	1	Yes	204912	36.1
867-DI4	347	**1**	1	Yes	204929	37.245
867-HC	346	**1**	5	Yes	355935	0.6542

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
867-HC	348	**1**	5	Yes	355935	0.6542	**868-5S**	280	**1**	1	Yes	734921	8.33
867-HD	346	**1**	5	Yes	351302	0.5883	**868-5S2**	274	**1**	1	Yes	743480	27
867-L3AP	348	**1**	1	Yes	374554	6.405	**868-5S2**	278	**1**	1	Yes	743480	27
867-L3PP	348	**1**	1	Yes	374585	7.05	**868-5SH**	274	**1**	50	Yes	734938	0.46
867-L4AP	348	**1**	1	Yes	374516	8.5416	**868-5SH**	278	**1**	50	Yes	734938	0.46
867-L4PP	348	**1**	1	Yes	374509	7	**868-5SH**	280	**1**	50	Yes	734938	0.46
867-MC	346	**1**	1	Yes	355942	3.6992	**868-5U**	274	**1**	1	Yes	734945	8.42
867-MC	348	**1**	1	Yes	355942	3.6992	**868-5U**	278	**1**	1	Yes	734945	8.42
867-MD	346	**1**	5	Yes	351319	4.6261	**868-5U**	280	**1**	1	Yes	734945	8.42
867-P2	346	**2**	2	Yes	303301	3.0352	**868-5WD**	274	**1**	5	Yes	734952	12.2
867-P2M	346	2	2	Yes	355959	7.179	**868-7A**	427	10	10	Yes	376671	0.3861
867-P3	346	**2**	2	Yes	339034	3.2872	**868-7P**	427	**10**	10	Yes	376657	0.4272
867-P3M	346	2	2	Yes	303332	7.294	**868-823**	277	**1**	1	No	719737	9
867-P4	346	**2**	2	Yes	339041	3.3572	**868-824**	277	**1**	1	No	719744	9.773
867-P4M	346	2	2	Yes	305244	7.364	**868-9A**	427	10	10	Yes	303370	0.5026
867-UM	346	**1**	1	Yes	375865	0.73	**868-9P**	427	10	10	Yes	305145	0.43
867-UM	348	**1**	1	Yes	375865	0.73	**868-A3**	345	**1**	2	Yes	355966	4.7475
868-123	276	**1**	1	No	719645	24.319	**868-A3M**	345	**1**	2	Yes	355973	5.9451
868-124	276	**1**	1	No	719652	24.466	**868-A4**	345	**1**	2	Yes	355980	5.2475
868-2010	277	**1**	1	Yes	375308	79.35	**868-A4M**	345	**1**	2	Yes	355997	6.4451
868-2012	277	**1**	1	Yes	375292	83.505	**868-A6**	345	**1**	2	Yes	303394	5.4975
868-20CD	277	**1**	1	Yes	375278	18.6495	**868-A6M**	345	**1**	2	Yes	356000	6.6951
868-20S	277	**1**	1	Yes	375155	26.25	**868-C**	345	**1**	5	Yes	303400	2.0679
868-20SH	277	**1**	1	Yes	322647	2.4916	**868-CCQ**	276	**1**	5	Yes	303400	0.4136
868-20U	277	**1**	1	Yes	375193	18.54	**868-D123**	279	**1**	1	No	743497	65
868-20WD	277	**1**	1	Yes	375216	21.812	**868-D124**	279	**1**	1	No	743503	65
868-523	274	**1**	1	No	719218	32.25	**868-D523**	278	**1**	1	No	719416	65.478
868-523A	274	**1**	1	No	726025	14.25	**868-D523A**	278	**1**	1	No	726117	79.5
868-523B	274	**1**	1	No	719263	27.46	**868-D523B**	278	**1**	1	No	719461	56.9
868-524	274	**1**	1	No	719225	30.95	**868-D524**	278	**1**	1	No	719423	62
868-524A	274	**1**	1	No	726049	26.35	**868-D524A**	278	**1**	1	No	726124	61.048
868-524B	274	**1**	1	No	719270	26.46	**868-D524B**	278	**1**	1	No	719478	55.018
868-526	274	**1**	1	No	719232	31.65	**868-D526**	278	**1**	1	No	719430	39.7
868-526A	274	**1**	1	No	726063	1.76	**868-D526A**	278	**1**	1	No	726131	90.9333
868-526B	274	**1**	1	No	719287	26.05	**868-D526B**	278	**1**	1	No	719485	34.503
868-528	274	**1**	1	No	719249	31.101	**868-D528**	278	**1**	1	No	719447	64.274
868-528A	274	**1**	1	No	726087	9.41	**868-D528A**	278	**1**	1	No	726148	60.644
868-528B	274	**1**	1	No	719294	26.311	**868-D528B**	278	**1**	1	No	719492	54.614
868-5A	427	10	10	Yes	303356	0.4876	**868-D823**	279	**1**	1	No	723987	26.0714
868-5AD	274	**1**	1	No	734426	2.45	**868-D824**	279	**1**	1	No	723994	24.65
868-5AD	278	**1**	1	No	734426	2.45	**868-E**	345	**1**	5	Yes	303417	1.751
868-5CD	274	**1**	1	Yes	734877	6.79	**868-ECQ**	276	**1**	5	Yes	303417	0.3502
868-5CD	278	**1**	1	Yes	734877	6.79	**868-F123**	276	**1**	1	No	719676	-
868-5EXT	274	**1**	1	Yes	734891	26.55	**868-F124**	276	**1**	1	No	719683	32.166
868-5EXT	278	**1**	1	Yes	734891	26.55	**868-F523**	275	**1**	1	No	719515	47.85
868-5EXT	280	**1**	1	Yes	734891	26.55	**868-F523A**	275	**1**	1	No	726162	21.26
868-5P	427	**10**	10	Yes	303509	0.5476	**868-F523B**	275	**1**	1	No	719553	21.26
868-5PD	274	**1**	1	Yes	734884	0.75	**868-F524**	275	**1**	1	No	719522	47.05
868-5PD	278	**1**	1	Yes	734884	0.75	**868-F524A**	275	**1**	1	No	726179	20.46
868-5S	274	**1**	1	Yes	734921	8.33	**868-F524B**	275	**1**	1	No	719560	53.679

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
868-F526	275	**1**	1	No	719539	28.35	**868-R626I**	280	**1**	1	No	724151	48.735
868-F526A	275	**1**	1	No	726186	1.76	**868-R626IN**	280	**1**	1	No	724168	58.825
868-F526B	275	**1**	1	No	719577	1.76	**868-R628I**	280	**1**	1	No	724175	49.251
868-HD	345	**1**	5	Yes	351043	0.514	**868-R628IN**	280	**1**	1	No	724182	59.341
868-I3	275	**1**	2	Yes	351258	11.0975	**868-S**	345	**1**	10	Yes	305091	1.8
868-I3M	275	**2**	2	Yes	356017	11.775	**868-S2**	345	**1**	1	Yes	759023	5.95
868-I4	275	**1**	2	Yes	351234	11.7475	**868-S2CQ**	276	**1**	1	Yes	759672	5.95
868-I4M	275	**1**	2	Yes	350947	12.9451	**868-S3A**	281	**1**	1	Yes	714046	17.7
868-I6	275	**1**	2	Yes	350954	12.0475	**868-S3F**	281	**1**	1	Yes	714053	17.4
868-I6M	275	**1**	1	Yes	356024	13.7473	**868-S4A**	281	**1**	1	Yes	714060	14.55
868-M123	276	**1**	1	No	719706	31.269	**868-S4F**	281	**1**	1	Yes	714077	14.75
868-M124	276	**1**	1	No	719713	32.4	**868-S6A**	281	**1**	1	Yes	714084	35.8
868-MC	345	**1**	10	Yes	356031	1.6004	**868-S6F**	281	**1**	1	Yes	714091	-
868-MCCQ	276	**1**	10	Yes	356031	0.16	**868-SCQ**	276	**1**	10	Yes	305091	0.18
868-MD	345	**1**	5	Yes	350961	1.9009	**868-V234**	282	**1**	1	Yes	713452	6.85
868-MDCQ	276	**1**	5	Yes	350961	1.9009	**868-WD**	345	**1**	1	Yes	310521	3.9418
868-N3F	282	**1**	1	Yes	327956	4.0968	**868-WDCQ**	276	**1**	1	Yes	310521	3.9418
868-N3H	282	**1**	1	Yes	329486	3.75	**869-23**	434	1	1	Yes	303479	2.35
868-N3S	282	**1**	1	Yes	724588	3.35	**869-2A**	434	1	8	Yes	305084	0.634
868-N4F	282	**1**	1	Yes	327963	5.25	**869-2P**	434	1	8	Yes	306005	0.8126
868-N4H	282	**1**	1	Yes	327970	4.85	**869-2PS**	434	1	1	Yes	713995	3.8
868-N4S	282	**1**	1	Yes	724595	4.05	**869-60**	434	1	10	Yes	303721	0.04
868-N6F	282	**1**	1	Yes	327987	7	**869-61**	434	1	10	Yes	303738	0.63
868-N6H	282	**1**	1	Yes	327994	6.9	**869-6P**	434	1	1	No	306203	9.8
868-N6S	282	**1**	1	Yes	724601	6	**869-6P1**	434	1	2	Yes	303783	2.3025
868-N8F	282	**1**	1	Yes	328007	10.5	**869-S3A**	433	**4**	4	Yes	313638	2.1134
868-N8H	282	**1**	1	Yes	328014	11	**869-S3APK**	433	2	2	Yes	313645	2.4649
868-N8S	282	**1**	1	Yes	724618	7.9	**869-S3AS**	433	1	1	Yes	313652	9.6
868-NS3	282	**1**	50	Yes	328021	0.09	**869-S3P**	433	**4**	4	Yes	313669	2.6088
868-NS4	282	**1**	50	Yes	328038	0.2846	**869-S3PPK**	433	2	2	Yes	313676	3.0029
868-NS6	282	**1**	50	Yes	328045	0.16	**869-S3PS**	433	**1**	1	Yes	313683	10.135
868-NS8	282	**1**	50	Yes	328052	0.4296	**869-S4A**	433	4	4	Yes	313690	1.691
868-P3	345	**1**	2	Yes	305183	5.0475	**869-S4ADB**	433	**1**	1	Yes	313706	2.369
868-P3M	345	**1**	2	Yes	350978	6.2451	**869-S4APK**	433	2	2	Yes	313713	3.0925
868-P4	345	**1**	2	Yes	303431	4.31	**869-S4AS**	433	1	1	Yes	313720	10.65
868-P4M	345	**1**	2	Yes	350985	6.4451	**869-S4P**	433	**4**	4	Yes	313737	3.3825
868-P6	345	**1**	2	Yes	305190	4.4575	**869-S4PDB**	433	**1**	1	Yes	313744	2.9249
868-P6M	345	**1**	2	Yes	350992	5.8529	**869-S4PPK**	433	2	2	Yes	313751	3.73
868-Q623I	280	**1**	1	No	724007	67.35	**869-S4PS**	433	**1**	1	Yes	313768	11.245
868-Q623IN	280	**1**	1	No	724083	80.69	**869-SF3**	433	10	10	Yes	313775	0.3235
868-Q624I	280	**1**	1	No	724014	65.4	**869-SF4**	433	10	10	Yes	313782	0.4367
868-Q624IN	280	**1**	1	No	726865	78.74	**869-SRV3**	441	**10**	10	Yes	750006	-
868-Q626I	280	**1**	1	No	724021	65.685	**869-SRV4**	441	**10**	100	Yes	750013	-
868-Q626IN	280	**1**	1	No	724090	80.955	**869-SSK**	433	1	1	Yes	313805	2.066
868-Q628I	280	**1**	1	No	724038	66.201	**869-SSL**	433	4	4	Yes	313812	1.2227
868-Q628IN	280	**1**	1	No	724106	79.541	**869-SV4**	419	10	10	Yes	344045	2.0452
868-R623I	280	**1**	1	No	724113	50.4	**869-SVLW**	433	10	10	Yes	313836	0.4279
868-R623IN	280	**1**	1	No	724120	60.49	**869-V34**	441	4	4	Yes	302076	0.6352
868-R624I	280	**1**	1	No	724137	50.21	**869-V4**	417	1	4	Yes	344021	7.8625
868-R624IN	280	**1**	1	No	724144	58.54	**870-2CM**	359	25	25	Yes	303813	0.0574

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
870-3	358	25	25	Yes	305237	0.068	**874-4**	359	**25**	500	No	304193	0.0457
870-3PK1	359	**5**	120	Yes	312136	0.1	**874-4C**	359	**25**	500	No	304209	0.0538
870-4	358	25	25	Yes	306708	0.1168	**874-4W**	359	**25**	100	No	304216	0.0554
870-4PK1	359	**5**	120	Yes	312143	0.15	**874-6**	359	**25**	1000	No	304223	0.0681
870-5	358	25	25	Yes	304094	0.17	**874-6C**	359	**25**	100	No	304230	0.0706
870-6	358	25	25	Yes	303851	0.2449	**874-6W**	359	**25**	100	No	351012	0.0709
870-6PK1	359	**5**	80	Yes	312167	0.3	**875-2A**	360	**20**	20	Yes	314048	0.075
870-8	358	10	10	Yes	303868	0.6369	**875-2P**	360	**20**	20	Yes	314024	0.1107
870-810	358	**5**	5	Yes	303875	0.765	**875-3A**	360	**20**	20	Yes	314086	0.1719
870-812	358	**5**	5	Yes	303882	1.115	**875-3P**	360	**20**	20	Yes	314062	0.1903
870-8PK1	359	**5**	80	Yes	703040	0.65	**875-4A**	360	**20**	20	Yes	314123	0.2196
870-93	296	10	10	Yes	303899	0.125	**875-4P**	360	**20**	20	Yes	265913	0.2422
870-94	296	10	10	Yes	303905	0.4111	**875-8230P**	360	**1**	10	Yes	304308	0.3192
870-95	296	10	10	Yes	303912	0.33	**875-8340P**	360	**1**	10	Yes	304315	0.6519
870-96	296	10	10	Yes	303929	0.5743	**875-83AN**	360	**12**	12	Yes	727022	0.6292
870-98	296	10	10	Yes	303936	0.825	**875-83PN**	360	**12**	12	Yes	727046	0.775
870-B	359	**25**	100	No	303943	0.0846	**875-8450P**	360	**1**	10	Yes	304322	0.9435
870-B3	359	**10**	10	Yes	303950	0.3377	**875-84AN**	360	**12**	12	Yes	724366	1.0458
870-B4	359	**10**	10	Yes	303967	0.4173	**875-84PN**	360	**12**	12	Yes	708380	1.1417
870-B5	359	**1**	10	Yes	303974	0.6242	**875-86PN**	360	**4**	4	Yes	745910	2.625
870-B6	359	**1**	10	Yes	303981	0.4093	**876-CS15**	297	10	10	Yes	718594	0.155
870-B8	359	**1**	10	Yes	303998	0.62	**876-CS20**	297	10	10	Yes	718600	0.19
871-16	358	25	25	Yes	304001	0.157	**876-CS25**	297	10	10	Yes	718617	0.32
871-18	358	10	10	Yes	304018	0.35	**876-CS30**	297	10	10	Yes	718624	0.3133
871-4	358	**25**	25	Yes	313041	0.0716	**876-CS35**	297	10	10	Yes	718631	0.185
871-6	358	**25**	25	Yes	313065	0.1392	**876-CS40**	297	10	10	Yes	718648	0.5294
871-8	358	**10**	10	Yes	313089	0.2798	**876-CS60**	297	10	10	Yes	718655	1.13
872-16	358	25	25	Yes	304056	0.2326	**876-CS80**	297	10	10	Yes	718662	2.13
872-18	358	10	10	Yes	304032	0.27	**876-RS15**	297	10	10	Yes	718501	0.115
872-4	358	25	25	Yes	356413	0.0902	**876-RS20**	297	10	10	Yes	718518	0.16
872-6	358	25	25	Yes	313362	0.198	**876-RS25**	297	10	10	Yes	718525	0.235
872-8	358	10	10	Yes	313386	0.2624	**876-RS30**	297	10	10	Yes	718532	0.295
873-10	296	**1**	1	No	727282	-	**876-RS35**	297	10	10	Yes	718549	0.405
873-240P	359	**1**	10	Yes	369666	0.2271	**876-RS40**	297	10	10	Yes	718556	0.485
873-26	296	**1**	10	Yes	718426	0.3797	**876-RS50**	297	10	10	Yes	728555	0.775
873-350P	359	**1**	10	Yes	369765	0.345	**876-RS60**	297	10	10	Yes	718563	1.13
873-356	296	**1**	1	Yes	718457	0.98	**876-RS80**	297	10	10	Yes	718570	2.185
873-36	296	**1**	1	Yes	718440	0.8448	**876-SL15**	297	10	10	Yes	718686	0.255
873-460P	359	**1**	10	Yes	369772	0.7561	**876-SL20**	297	10	10	Yes	718693	0.37
873-48	296	**1**	1	Yes	718464	2.15	**876-SL25**	297	10	10	Yes	718709	0.435
873-6	296	**1**	1	Yes	727275	-	**876-SL30**	297	10	10	Yes	718716	0.835
873-610	296	**1**	1	Yes	718471	4.05	**876-SL35**	297	10	10	Yes	718723	0.98
873-8	296	**1**	25	Yes	727268	0.526	**876-SL40**	297	10	10	Yes	718730	2.67
873-810	296	**1**	1	Yes	718488	6.5	**876-SL60**	297	10	10	Yes	718747	2.76
874-1	359	**25**	1000	No	304421	0.0173	**876-SL80**	297	10	10	Yes	718754	5.185
874-1C	359	**25**	1000	No	304278	0.0203	**878-015**	361	**25**	25	No	304483	0.04
874-2	359	**25**	1000	No	304261	0.0274	**878-015PK**	361	**25**	25	Yes	307101	0.055
874-2N	359	**50**	200	No	722317	0.0052	**878-020**	361	**25**	25	No	304490	0.0585
874-3C	359	**25**	500	No	304179	0.033	**878-020PK**	361	**25**	25	No	307200	0.0599
874-3W	359	**25**	1000	No	304254	0.0206	**878-025**	361	**25**	25	No	350930	0.0689

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
878-025PK	361	**25**	25	Yes	307309	0.084
878-030	361	**25**	25	No	304506	0.1054
878-030PK	361	**25**	25	Yes	307408	0.1158
878-035	361	**25**	25	No	304513	0.1391
878-035PK	361	**25**	25	Yes	307507	0.148
878-040	361	**25**	25	No	304520	0.1651
878-040PK	361	**25**	25	Yes	307606	0.1703
878-15	361	**25**	25	No	304537	0.0471
878-15PK	361	**25**	25	Yes	307118	0.0485
878-20	361	**25**	25	No	304544	0.0648
878-20PK	361	**25**	25	Yes	307217	0.065
878-25	361	**25**	25	No	304551	0.0857
878-30	361	**25**	25	No	304568	0.1138
878-30PK	361	**25**	25	Yes	307415	0.123
878-35	361	**25**	25	No	304575	0.1396
878-35PK	361	**25**	25	Yes	307514	0.1485
878-40	361	**25**	25	No	304582	0.1708
878-40PK	361	**25**	25	Yes	307613	0.176
878-50	361	25	25	No	304599	0.374
878-60	361	**8**	8	No	304605	0.4101
878-960	362	10	10	No	304650	1.1586
878-980	362	10	10	No	351074	2.343
878-S15	362	**25**	25	No	329134	0.046
878-S20	362	**25**	25	No	329158	0.058
878-S30	362	**25**	25	No	329141	0.13
878-S40	362	**25**	25	No	329165	0.164
879-015	361	**25**	25	No	304667	0.0414
879-020	361	**25**	25	No	304674	0.0585
879-025	361	**25**	25	No	356178	0.0689
879-030	361	**25**	25	No	304681	0.0898
879-035	361	**25**	25	No	356185	0.1391
879-040	361	**25**	25	No	304698	0.1651
879-15	361	**25**	25	No	304704	0.0481
879-15PK	361	**25**	25	Yes	308115	0.0495
879-20	361	**25**	25	No	304711	0.0636
879-20PK	361	**25**	25	Yes	308214	0.065
879-25	361	**25**	25	No	356192	0.0857
879-30	361	**25**	25	No	304728	0.1138
879-30PK	361	**25**	25	Yes	308412	0.123
879-35	361	**25**	25	No	304735	0.137
879-35PK	361	**25**	25	Yes	308511	0.1459
879-40	361	**25**	25	No	304742	0.1732
879-40PK	361	25	25	Yes	308610	0.1764
879-50	361	20	20	No	304759	0.2944
879-60	361	**8**	8	No	304766	0.7777
879-S15	362	**25**	25	No	329127	0.046
879-S20	362	**25**	25	No	329110	0.056
879-S30	362	**25**	25	No	329103	0.134
879-S40	362	**25**	25	No	329097	0.182
880	441	25	25	No	304773	0.5412
880-012	452	**100**	500	No	302816	0.0466
880-01A	451	**50**	500	No	327307	0.0363
880-01P	451	**50**	500	No	327314	0.0471
880-02A	451	**25**	500	No	327321	0.0519
880-02P	451	**25**	500	No	327345	0.0663
880-034	452	**50**	250	No	302830	0.1262
880-03A	451	**20**	200	No	327352	0.0844
880-03P	451	**20**	200	No	327369	0.1058
880-04A	451	**25**	100	No	327376	0.131
880-04P	451	**25**	100	No	327383	0.169
880-1	452	25	25	No	302311	0.15
880-2	452	25	25	No	302328	0.238
880-3	452	25	25	No	302335	0.356
880-4	452	25	25	No	356390	0.378
880-81	451	**25**	200	No	304841	0.0255
880-81C	451	**25**	200	No	304858	0.0253
880-81PK	451	50	50	Yes	303035	0.0303
880-82	451	**25**	100	No	304872	0.0393
880-82C	451	**25**	100	No	304889	0.035
880-82PK	451	50	50	Yes	303073	0.0331
880-83	451	**10**	50	No	304902	0.0697
880-83C	451	**10**	50	No	304919	0.0693
880-83PK	451	25	25	Yes	303080	0.0684
880-84	451	**10**	50	No	304933	0.0977
880-84C	451	**10**	50	No	304940	0.0984
880-84PK	451	25	25	Yes	303103	0.0967
881-01-4	450	**5**	5	Yes	566522	0.5159
881-02A	451	1	10	No	304964	0.6
881-02A	457	1	10	No	304964	0.6
881-02FP	451	**100**	1000	No	304971	0.0017
881-1	452	**100**	1000	No	302410	0.0084
881-10	451	**25**	200	No	305008	0.0171
881-10C	451	**25**	200	No	305015	0.0171
881-12	451	**25**	100	No	305022	0.0256
881-12C	451	**25**	100	No	305039	0.0245
881-13	451	**10**	50	No	305046	0.0464
881-13C	451	**10**	50	No	305053	0.0464
881-14	451	**10**	50	No	305060	0.063
881-14C	451	**10**	50	No	305077	0.0637
881-2	452	**100**	1000	No	302427	0.0133
881-3	452	**50**	500	No	356406	0.0266
881-4	452	**50**	500	No	302441	0.0546
881-510	450	1	1	No	566492	1.76
881-52	450	1	6	No	566485	0.92
881-53	450	1	6	No	566478	1.64
881-54	450	1	1	No	566621	3.2555
881-56	450	1	4	No	566591	9.7836
882-1	447	10	10	Yes	302212	0.1765
882-105	457	1	6	No	507594	0.9333
882-110	457	1	6	No	507600	0.8034

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
882-1P	447	10	10	No	351081	0.426
882-2	447	10	10	Yes	302229	0.2426
882-2P	447	10	10	No	305176	0.4566
882-3	447	10	10	Yes	302236	0.38
882-35	447	10	10	Yes	302298	0.4837
882-3P	447	10	10	No	305220	0.6353
882-4	447	10	10	Yes	302243	0.4837
882-41	447	10	10	Yes	302304	0.6677
882-4P	447	10	10	No	351098	0.8817
882-647	453	**24**	120	Yes	331014	0.085
882-95	450	1	30	No	305275	1.066
882-96	450	1	30	No	305282	1.2767
882-98	450	1	12	No	305299	2.033
882-CS202	447	10	100	No	357557	0.1144
882-CS302	447	10	100	No	357540	0.2241
882-CS402	447	10	100	No	357533	0.4112
882-EB152	447	10	100	No	357526	0.0197
882-EB220	447	10	100	No	357519	0.079
882-EB320	447	10	100	No	357502	0.3577
882-EB350	447	10	100	No	357496	0.4285
882-EB420	447	10	100	No	357489	0.5394
882-EHPG	457	1	1	Yes	305336	3
882-EL23	450	1	1	Yes	305343	2.15
882-EL34	450	1	1	Yes	305350	4.19
882-EL46	450	1	1	Yes	305367	4.28
882-ES123	450	**1**	1	Yes	755384	0.55
882-ES34	450	1	1	Yes	305398	0.7
882-ES46	450	1	1	Yes	305404	2.8406
882-HEXKEY1	449	1	50	Yes	739100	7
882-HEXKEY1	723	1	50	Yes	739100	7
882-RTEX35	449	10	10	Yes	739117	0.235
882-RTEX40	449	10	10	Yes	739124	1.85
882-RTPCS15	448	10	10	Yes	739162	0.155
882-RTPCS20	448	10	10	Yes	739179	0.2
882-RTPCS25	448	10	10	Yes	739186	2.74
882-RTPCS30	448	10	10	Yes	739193	0.36
882-RTPCS35	448	10	10	Yes	739209	0.35
882-RTPCS40	448	10	10	Yes	739216	0.455
882-RTPCX15	449	10	10	Yes	739223	-
882-RTPCX20	449	10	10	Yes	739230	-
882-RTPCX25	449	10	10	Yes	739247	-
882-RTPCX30	449	10	10	Yes	739254	-
882-RTPCX35	449	10	10	Yes	739261	-
882-RTPCX40	449	10	10	Yes	739278	1.05
882-RTPFC15	448	10	10	Yes	739285	-
882-RTPFC20	448	10	10	Yes	739292	4.13
882-RTPFC25	448	10	10	Yes	739308	0.53
882-RTPFC30	448	10	10	Yes	739315	-
882-RTPFC35	448	10	10	Yes	739322	-
882-RTPFC40	448	10	10	Yes	739339	-
882-RTPHH15	448	10	10	Yes	739346	0.162
882-RTPHH20	448	10	10	Yes	739353	-
882-RTPHH25	448	10	10	Yes	739360	6.85
882-RTPHH30	448	10	10	Yes	739377	2.95
882-RTPHH35	448	10	10	Yes	739384	0.415
882-RTPHH40	448	10	10	Yes	739391	0.455
882-RTPHX15	449	10	10	Yes	739407	-
882-RTPHX20	449	10	10	Yes	739414	-
882-RTPHX25	449	10	10	Yes	739421	-
882-RTPHX30	449	10	10	Yes	739438	-
882-RTPHX35	449	10	10	Yes	739445	-
882-RTPHX40	449	10	10	Yes	739452	-
882-RTPSH25	449	10	10	Yes	739469	3.84
882-RTPSH30	449	10	10	Yes	739476	-
882-RTPSH35	449	10	10	Yes	739483	4.47
882-RTPSH40	449	10	10	Yes	739490	0.075
882-RTPSP25	449	10	10	Yes	739506	-
882-RTPSP30	449	10	10	Yes	739513	-
882-RTPSP35	449	10	10	Yes	739520	-
882-RTPSP40	449	10	10	Yes	739537	0.47
882-RTPSS15	448	10	10	Yes	739544	2.13
882-RTPSS20	448	10	10	Yes	739551	0.305
882-RTPSS25	448	10	10	Yes	739568	0.47
882-RTPSS30	448	10	10	Yes	739575	0.555
882-RTPSS35	448	10	10	Yes	739582	0.758
882-RTPSS40	448	10	10	Yes	739599	8.63
882-RTPTB15	448	10	10	Yes	739605	1.18
882-RTPTB20	448	10	10	Yes	739612	1.65
882-RTPTB25	448	10	10	Yes	739629	3.21
882-RTPTB30	448	10	10	Yes	739636	-
882-RTPTB35	448	10	10	Yes	739643	3.9
882-RTPTB40	448	10	10	Yes	739650	3.91
882-ST152	447	10	100	No	357472	0.011
882-ST202	447	10	100	No	357465	0.1388
882-ST300	447	10	100	No	357458	0.3549
882-ST302	447	10	100	No	357441	0.2626
882-ST402	447	10	100	No	357434	0.415
882-ST602	447	10	10	No	357427	0.9758
882-ST802	447	10	10	No	357410	2.0576
882-TT2	450	1	48	Yes	305411	0.45
882-TT3	450	1	18	Yes	305428	1.2024
882-TT4	450	1	8	Yes	305435	1.3
883-AT	423	**25**	25	Yes	303097	0.6063
883-ATPK	423	8	8	Yes	303097	0.6442
883-PT	423	**25**	25	Yes	303059	0.741
883-PTPK	423	**8**	8	Yes	303059	0.8142
884-ATM	423	**24**	24	Yes	303189	0.6952
884-ATMPK	423	8	8	Yes	303189	0.7256
884-PTM	423	**24**	24	Yes	303141	0.8249
884-PTMPK	423	8	8	Yes	303141	0.9662

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
886-411	428	20	20	Yes	303523	0.3306
886-411	610	20	20	Yes	303523	0.3306
886-4A	424	**25**	25	Yes	305510	0.5362
886-4AM	424	25	25	Yes	356635	0.7249
886-4AMSPK	424	6	6	Yes	303691	0.6617
886-4ATM	423	25	25	Yes	352057	0.7216
886-4ATMPK	423	8	8	Yes	352057	0.7125
886-4ATMSPK	423	8	8	Yes	352064	0.7056
886-4P	424	**25**	25	Yes	303608	0.665
886-4PM	424	25	25	Yes	356628	0.7137
886-4PMSPK	424	6	6	Yes	303684	0.7192
886-4PPK	424	6	6	Yes	303745	0.6821
886-4PTM	423	25	25	Yes	352095	0.7786
886-4PTMPK	423	8	8	Yes	352095	0.805
886-4PTMSPK	423	8	8	Yes	352101	0.7988
886-A	424	**20**	20	Yes	303066	0.5152
886-APK	424	10	10	Yes	303066	0.4915
886-ATMS	423	**25**	25	Yes	352132	0.591
886-ATMSPK	423	8	8	Yes	352132	0.63
886-ER	428	**25**	25	Yes	303561	0.194
886-ER	611	**25**	25	Yes	303561	0.194
886-GA	425	5	5	Yes	380944	0.6767
886-GI	425	**5**	5	Yes	327499	3.05
886-GP	425	**5**	5	Yes	380937	0.6593
886-MR	428	**20**	20	Yes	303448	0.3704
886-MR	610	**20**	20	Yes	303448	0.3704
886-MRM	428	**8**	8	Yes	309105	0.65
886-MRM	610	**8**	8	Yes	309105	0.65
886-P	424	**20**	20	Yes	303028	0.6309
886-PPK	424	10	10	Yes	303028	0.6309
886-PT30	423	25	25	Yes	356611	0.5883
886-PTM30	423	25	25	Yes	352156	0.6276
886-PTMS	423	**25**	25	Yes	352163	0.6868
886-PTMSPK	423	8	8	Yes	352163	0.6868
886-R	428	**20**	20	Yes	303424	0.2722
886-R	610	**20**	20	Yes	303424	0.2722
886-RQ	428	20	20	Yes	378644	0.147
886-RQ	610	20	20	Yes	378644	0.147
886-RQK	428	25	25	Yes	317445	0.5377
886-RQK	610	25	25	Yes	317445	0.5377
887-AM	424	25	25	Yes	303165	0.6336
887-GPTMK	425	1	1	Yes	339270	1.736
887-PM	424	**25**	25	Yes	303127	0.7295
888-A	424	**20**	20	Yes	305633	0.4802
888-AM	424	12	12	Yes	356581	0.775
888-APK	424	10	10	Yes	303363	0.43
888-ATM	423	**25**	25	Yes	352187	0.5328
888-ATMPK	423	8	8	Yes	352187	0.6679
888-GAM	425	6	6	Yes	378279	0.5333
888-GPM	425	**6**	6	Yes	356598	0.91
888-P	424	**20**	20	Yes	365132	0.6077
888-PM	424	**12**	12	Yes	356574	1.0337
888-PPK	424	10	10	Yes	303325	0.6865
888-PTM	423	**25**	25	Yes	352200	0.6222
888-PTMPK	423	8	8	Yes	352200	0.6438
889-45AM	426	20	20	Yes	352217	0.7822
889-45AMPK2	426	6	6	Yes	352217	0.8008
889-45PM	426	**20**	20	Yes	305664	0.9508
889-45PMPK2	426	6	6	Yes	303288	0.9809
889-AOM	426	**20**	20	Yes	305671	0.911
889-AOMPK	426	6	6	Yes	303240	0.9412
889-AOTM	426	**20**	20	Yes	357403	0.8572
889-GAOM	426	5	5	Yes	309068	0.825
889-GPOM	426	**5**	5	Yes	313225	0.825
889-POM	426	**20**	20	Yes	305688	1.0925
889-POMPK	426	6	6	Yes	303226	1.1227
889-POTM	426	**20**	20	Yes	357397	1.1555
890-4BDPK	427	10	10	Yes	303554	0.8605
890-4BPK	427	10	10	Yes	303547	0.6585
890-I42	427	4	4	Yes	303622	3.425
891-0312P	441	5	5	Yes	310323	0.7158
891-033P	441	5	5	Yes	310330	0.9239
891-0412P	441	5	5	Yes	310422	0.8763
891-043P	441	5	5	Yes	310439	1.1318
891-044P	441	5	5	Yes	310446	1.2128
899-306R0009	641	**1**	1	Yes	444165	11
900-01021C04005	623	**1**	1	Yes	444059	4.85
900-01023C01005	623	**1**	1	Yes	443991	2.7
900-01030C00101	623	**10**	10	Yes	443922	0.185
900-01030C00201	623	**10**	10	Yes	443892	0.4
900-01030C04005	623	**1**	1	Yes	443847	6.85
900-01053C00101	623	**10**	10	Yes	443755	0.3
900-01053C00201	623	**10**	10	Yes	443748	0.57
900-01053C03005	623	**1**	1	Yes	443687	9.55
900-01103C00101	623	**10**	10	Yes	443526	0.4
900-01103C00201	623	**10**	10	Yes	443496	0.76
900-01103C00501	623	**2**	2	Yes	443458	2.125
900-01103C02505	623	**1**	1	Yes	443373	9.4
900-01153C00101	623	**10**	10	Yes	443274	0.6
900-01153C00201	623	**10**	10	Yes	443250	0.88
900-01153C02005	623	**1**	1	Yes	443175	9.52
900-01163C00101	623	**10**	10	Yes	443021	0.56
900-01163C00201	623	**10**	10	Yes	442994	1.04
900-01163C00501	623	**1**	1	Yes	442949	2.775
900-01163C01005	623	**1**	1	Yes	442901	6.11
900-01163N00101	625	**5**	5	Yes	442819	0.515
900-01164C01005	623	**1**	1	Yes	442697	8.85
900-01203C00101	623	**10**	10	Yes	442635	0.745
900-01203C00201	623	**10**	10	Yes	442598	1.42
900-01203C00501	623	**1**	1	Yes	442567	3.7

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
900-01203C01005	623	**1**	1	Yes	442512	7.5
900-01203N00101	625	**5**	5	Yes	442420	0.95
900-01206C00101	623	**10**	10	Yes	442369	1.415
900-01206C01005	623	**1**	1	Yes	442253	15
900-01253C00101	623	**10**	10	Yes	442208	0.99
900-01253C00201	623	**5**	5	Yes	441836	1.64
900-01253C01005	623	**1**	1	Yes	441669	7.7
900-01256C00101	623	**5**	5	Yes	441553	1.915
900-01256C01005	623	**1**	1	Yes	441492	18.16
900-01306C00101	623	**10**	10	Yes	441423	2.095
900-01306C00201	623	**5**	5	Yes	441393	3.43
900-01306C00755	623	**1**	1	Yes	441287	14.6
900-01306N00101	625	**5**	5	Yes	441249	2.05
900-01406C00021	624	**5**	5	Yes	206077	0.59
900-01406C00101	624	**5**	5	Yes	441157	2.84
900-01406C00505	624	**1**	1	Yes	441065	14.8
900-01406C01005	624	**1**	1	Yes	440921	28.5
900-01508C00255	624	1	1	Yes	440815	14
900-01508C00504	624	**1**	1	Yes	440785	25.95
900-01608C00505	624	**1**	1	Yes	440716	33.25
900-02106C00101	624	**10**	10	Yes	440662	0.9
900-02166C00101	624	**10**	10	Yes	440518	1.32
900-02166C01505	624	**1**	1	Yes	440396	17.3
900-02206C00101	624	**10**	10	Yes	440341	1.425
900-02206C01005	624	**1**	1	Yes	440273	15.2
900-02256C00101	624	**10**	10	Yes	440228	1.79
900-02256C00755	624	**1**	1	Yes	440181	14.05
900-02306C00101	624	**10**	10	Yes	440105	2.075
900-02306C00755	624	**1**	1	Yes	440020	15.75
900-02408C00101	624	**5**	5	Yes	439918	3.61
900-02408C00505	624	**1**	1	Yes	439888	20.05
900-02509C00021	624	**5**	5	Yes	206374	1.44
900-02509C00505	624	**1**	1	Yes	439796	32.15
900-02609C00021	624	**5**	5	Yes	206381	1.39
900-02609C00505	624	**1**	1	Yes	439727	33.5
900-04258N00101	602	**10**	10	Yes	439659	3.055
900-04258N00101	633	**10**	10	Yes	439659	3.055
900-04258N00505	602	**1**	1	Yes	439635	16.6
900-04258N00505	633	**1**	1	Yes	439635	16.6
900-04338N00021	602	**12**	12	Yes	439581	0.7917
900-04338N00021	633	**12**	12	Yes	439581	0.7917
900-04338N00101	602	**5**	5	Yes	439550	0.5
900-04338N00101	633	**5**	5	Yes	439550	0.5
900-06103Y00101	634	**5**	5	Yes	439468	0.3
900-06103Y00505	634	**1**	1	Yes	439437	2.35
900-07256G01505	633	**1**	1	Yes	439345	19.5
900-12256N00101	601	**5**	5	Yes	438980	2.22
900-12256N00101	633	**5**	5	Yes	438980	2.22
900-12306N00101	633	**5**	5	Yes	438928	2.48
900-14010R00051	637	**10**	10	Yes	206596	0.12
900-14010R01005	637	**1**	1	Yes	438782	1.85
900-14018R00051	637	**10**	10	Yes	206633	0.09
900-14018R01004	637	**1**	1	Yes	438775	2.1
900-14023R00101	637	**5**	5	Yes	205704	0.2
900-15106N00051	637	**5**	5	Yes	438690	0.45
900-15106N01005	637	**1**	1	Yes	438652	9.35
900-15106P00051	637	**5**	5	Yes	759726	0.454
900-15157N00051	637	**1**	10	Yes	206695	0.5
900-15157P00051	637	**5**	5	Yes	759733	0.494
900-15166N00051	637	**1**	10	Yes	206589	0.555
900-15166P00051	637	**5**	5	Yes	759764	0.61
900-16200W01004	634	**1**	1	Yes	438591	18.5
900-16300W00021	634	**1**	5	Yes	206602	0.44
900-16300W00101	634	**1**	1	Yes	438584	2.1
900-16300W01004	634	**1**	1	Yes	438577	22.95
900-16400W00021	634	**1**	5	Yes	206718	0.59
900-16400W00101	634	**1**	1	Yes	438560	3.95
900-16400W00504	634	**1**	1	Yes	438553	17.2
900-16500W00021	634	**1**	5	Yes	206879	0.79
900-16500W00101	634	**1**	1	Yes	438539	5.35
900-16500W00504	634	**1**	1	Yes	438522	26.65
900-16600W00021	634	**1**	5	Yes	206886	0.9
900-16600W00101	634	**1**	1	Yes	438508	5.75
900-16600W00504	634	**1**	1	Yes	438492	24.5
900-16700W00021	634	**1**	5	Yes	206909	1.32
900-16700W00101	634	**1**	1	Yes	206930	8.95
900-18300W00061	634	**3**	3	Yes	438423	0.0833
900-18430W00061	634	**3**	3	Yes	438393	0.5
900-19600B00251	634	**5**	5	Yes	438300	2.04
900-19600B00501	634	**5**	5	Yes	438294	4
900-19700B00251	634	**5**	5	Yes	438225	2.62
900-19700B00501	634	**5**	5	Yes	438195	4.13
901-03020W00251	594	**10**	10	Yes	437921	0.325
901-03020W00251	629	**10**	10	Yes	437921	0.325
901-03020W00501	594	**5**	5	Yes	437662	0.62
901-03020W00501	629	**5**	5	Yes	437662	0.62
901-03020W01001	594	**1**	1	Yes	437655	1.4
901-03020W01001	629	**1**	1	Yes	437655	1.4
901-03020W01005	594	**1**	1	Yes	437839	1.35
901-03020W01005	629	**1**	1	Yes	437839	1.35
901-03020W04005	594	**1**	1	Yes	437785	4.1
901-03020W04005	629	**1**	1	Yes	437785	4.1
901-03053W00101	629	**5**	5	Yes	437587	0.27
901-03053W03005	629	**1**	1	Yes	437518	6.5
901-03103W00251	629	**10**	10	Yes	437433	0.745
901-03103W01005	629	**1**	1	Yes	437372	3
901-03103W03005	629	**1**	1	Yes	437327	9.1
901-03163W00251	629	**5**	5	Yes	437204	1.07
901-03163W01005	629	**1**	1	Yes	437136	3.97
901-03163W02005	629	**1**	1	Yes	437082	8.7

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
901-10	703	**10**	100	No	507624	0.0415	**903-45162001**	684	**5**	60	Yes	436399	0.0875
901-12	703	**10**	100	No	507631	0.044	**903-461601**	684	**5**	60	Yes	436368	0.0842
901-16	703	**10**	100	No	507648	0.048	**903-L99531**	684	**1**	5	No	450616	0.62
901-20	703	**10**	100	No	507655	0.0465	**903-L99560**	684	**1**	5	No	450623	0.67
901-24	703	**10**	100	No	507662	0.052	**903-L99625**	684	**1**	5	No	450647	0.76
901-28	703	**10**	100	No	507679	0.0709	**903-L99656**	684	**1**	5	No	450654	0.79
901-32	703	**10**	100	No	507686	0.058	**903-L99690**	684	**1**	5	No	450661	0.83
902	602	**50**	50	Yes	507693	0.196	**903-L99812**	684	**1**	4	No	450685	0.975
902-125001	711	**2**	24	Yes	436931	0.06	**904-120201**	687	**5**	60	Yes	436290	0.02
902-126001	711	**2**	24	Yes	436924	0.07	**904-120501**	687	**5**	60	Yes	436283	0.02
903-120201	683	**5**	60	Yes	436887	0.0258	**904-121001**	687	**5**	60	Yes	436276	0.02
903-120501	683	**5**	60	Yes	436870	0.02	**904-121501**	687	**5**	60	Yes	436269	0.02
903-121001	683	**5**	60	Yes	436863	0.05	**904-121601**	687	**5**	60	Yes	436252	0.02
903-121501	683	**5**	60	Yes	436856	0.04	**904-122001**	687	**5**	60	Yes	436245	0.04
903-121601	683	**5**	60	Yes	436849	0.04	**904-122501**	687	**5**	60	Yes	436238	0.02
903-122001	683	**5**	60	Yes	436832	0.06	**904-123001**	687	**5**	60	Yes	436221	0.03
903-122501	683	**5**	40	Yes	436825	0.05	**904-124001**	687	**5**	60	Yes	436214	0.05
903-123301	683	**5**	60	Yes	735089	0.172	**904-125001**	687	**2**	24	Yes	436207	0.1
903-400201	683	**5**	60	Yes	436757	0.0392	**904-127001**	687	**1**	4	Yes	436160	0.425
903-401001	683	**5**	60	Yes	436733	0.05	**904-13161001**	687	**5**	60	Yes	436146	0.02
903-401601	683	**5**	60	Yes	436726	0.07	**904-13201601**	687	**5**	60	Yes	436122	0.02
903-402001	683	**5**	60	Yes	436719	0.1	**904-13252001**	687	**5**	60	Yes	436108	0.03
903-403001	683	**5**	60	Yes	436702	0.1708	**904-201001**	687	**5**	60	Yes	436078	0.02
903-404001	683	**5**	60	Yes	436696	0.042	**904-201601**	687	**5**	60	Yes	436054	0.04
903-41021001	683	**5**	60	Yes	436689	0.04	**904-202000**	687	**1**	1	No	436047	9.1
903-41050201	683	**5**	60	Yes	436672	0.05	**904-202001**	687	**5**	60	Yes	436030	0.0417
903-41051001	683	**5**	60	Yes	436665	0.05	**904-202501**	687	**5**	60	Yes	436016	0.04
903-41100201	683	**5**	60	Yes	436658	0.04	**904-203001**	687	**5**	60	Yes	436009	0.08
903-41101601	683	**5**	60	Yes	436641	0.05	**904-204001**	687	**5**	60	Yes	435996	0.07
903-41102001	683	**5**	60	Yes	436634	0.0875	**904-22201601**	687	**5**	60	Yes	435934	0.03
903-41150201	683	**5**	60	Yes	436627	0.0375	**904-25101**	687	**5**	60	Yes	435903	0.0267
903-41151001	683	**5**	60	Yes	436610	0.07	**904-251601**	687	**5**	60	Yes	435880	0.02
903-41151601	683	**5**	60	Yes	436603	0.0833	**904-252001**	687	**5**	60	Yes	435866	0.02
903-41161001	683	**5**	60	Yes	436573	0.0625	**904-252501**	687	**5**	60	Yes	435842	0.02
903-41162001	683	**5**	60	Yes	436566	0.0933	**904-253001**	687	**5**	60	Yes	435835	0.03
903-41201001	683	**5**	60	Yes	436559	0.07	**904-254001**	687	**5**	60	Yes	435828	0.0767
903-41201601	683	**5**	60	Yes	436542	0.11	**904-271001**	689	**5**	60	Yes	435798	0.02
903-41203001	683	**5**	60	Yes	436535	0.165	**904-271601**	689	**5**	60	Yes	435781	0.03
903-41251601	683	**5**	60	Yes	436511	0.095	**904-272001**	689	**5**	60	Yes	435774	0.03
903-41252001	683	**5**	60	Yes	436504	0.12	**904-273001**	689	**5**	60	Yes	435767	0.05
903-41253001	683	**5**	60	Yes	436498	0.15	**904-28101601**	689	**5**	60	Yes	435736	0.02
903-41302001	683	**5**	60	Yes	436481	0.11	**904-28161001**	689	**5**	60	Yes	435712	0.03
903-441001	684	**5**	60	Yes	436320	0.0558	**904-28162001**	689	**5**	60	Yes	435705	0.04
903-441601	684	**5**	60	Yes	436313	0.07	**904-28163001**	689	**5**	60	Yes	435699	0.04
903-442001	684	**5**	60	Yes	436306	0.09	**904-28201601**	689	**5**	60	Yes	435675	0.03
903-45021001	684	**5**	40	Yes	436467	0.0538	**904-28203001**	689	**5**	60	Yes	435668	0.0525
903-45051001	684	**5**	60	Yes	436344	0.0658	**904-28252001**	689	**5**	60	Yes	435637	0.03
903-45100201	684	**5**	60	Yes	436443	0.0533	**904-28253001**	689	**5**	60	Yes	435620	0.04
903-45151001	684	**5**	60	Yes	436429	0.1192	**904-28302001**	689	**5**	60	Yes	435613	0.05
903-45161001	684	**5**	60	Yes	436405	0.0683	**904-28304001**	689	**5**	60	Yes	435606	0.06

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
904-401001	688	**5**	60	Yes	435569	0.02
904-401601	688	**5**	60	Yes	435552	0.02
904-402001	688	5	60	Yes	435545	0.04
904-403001	688	**5**	60	Yes	435538	0.03
904-404001	688	**5**	60	Yes	435521	0.05
904-405001	688	**4**	4	Yes	435514	0.1375
904-407001	688	**1**	4	Yes	469021	0.275
904-41050201	688	**5**	60	Yes	435491	0.0258
904-41100101	688	**5**	60	Yes	435477	0.02
904-41101601	688	**5**	60	Yes	435460	0.02
904-41102001	688	**5**	60	Yes	435453	0.05
904-41160201	688	**5**	60	Yes	435422	0.02
904-41161001	688	**5**	60	Yes	435415	0.02
904-41162001	688	**5**	60	Yes	435408	0.035
904-41201601	688	**5**	60	Yes	435378	0.04
904-41203001	688	**5**	60	Yes	435361	0.04
904-41251601	688	**5**	60	Yes	435330	0.02
904-41252001	688	**5**	60	Yes	435323	0.03
904-41253001	688	**5**	60	Yes	435316	0.03
904-41302001	688	**5**	60	Yes	435309	0.03
904-41403001	688	**5**	60	Yes	435279	0.04
904-457001	688	**1**	4	Yes	435231	0.3375
905	601	**1**	1	No	507709	10.5
905	633	**1**	1	No	507709	10.5
905-050402	703	**5**	60	No	435224	0.0458
905-050802	703	**5**	60	No	435200	0.0427
905-051202	703	**5**	60	No	435194	0.04
905-052402	703	**5**	60	No	435170	0.0617
905-053602	703	**5**	60	No	435163	0.0717
905-PK	601	**50**	50	No	500564	0.2146
905-PK	633	**50**	50	No	500564	0.2146
906	601	**1**	1	No	507716	18
906	633	**1**	1	No	507716	18
906-0402	703	**5**	60	Yes	435002	0.02
906-0502	703	**5**	60	Yes	434999	0.01
906-0602	703	**5**	60	Yes	434975	0.02
906-0802	703	**5**	60	Yes	434968	0.02
906-1002	703	**5**	40	Yes	434944	0.02
906-1202	703	**10**	120	Yes	434937	0.0271
906-1402	703	**10**	120	Yes	434920	0.0375
906-PK	601	**50**	50	No	200266	0.347
906-PK	633	**50**	50	No	200266	0.347
907-010203	653	**10**	120	Yes	434890	0.01
907-010503	653	**5**	20	Yes	434876	0.02
907-011003	653	**10**	120	Yes	434869	0.03
907-011603	653	**5**	60	Yes	434845	0.04
907-012003	653	**5**	60	Yes	434814	0.05
907-012503	653	**5**	60	Yes	434807	0.0567
907-020203	653	**10**	120	Yes	434753	0.0142
907-020210	653	1	480	Yes	434746	0.0074
907-020225	653	**1**	60	Yes	434739	0.0158
907-021000	653	**1**	50	Yes	434715	0.37
907-021003	653	**10**	120	Yes	434708	0.02
907-021025	653	**5**	60	Yes	434692	0.0325
907-022010	653	**1**	150	Yes	434630	0.015
907-050202	653	**10**	120	Yes	434623	0.02
907-050502	653	**5**	60	Yes	434616	0.03
907-051002	653	**5**	60	Yes	434609	0.03
907-080203	654	**10**	120	Yes	434548	0.04
907-080503	654	**5**	60	Yes	434524	0.065
907-081000	654	**1**	5	Yes	434517	1.466
907-081003	654	**10**	120	Yes	434500	0.02
907-082003	654	**5**	40	Yes	434463	0.13
907-082025	654	**5**	30	Yes	434456	0.905
907-120201	647	**5**	60	Yes	434432	0.0633
907-120205	647	**1**	60	Yes	455703	0.2225
907-121001	647	**5**	60	Yes	434418	0.085
907-121005	647	**5**	60	Yes	433435	0.3217
907-121601	647	**5**	60	Yes	434401	0.1125
907-122001	647	**5**	60	Yes	434388	0.15
907-123001	647	**2**	24	Yes	434371	0.3333
907-13100201	647	**5**	60	Yes	207098	0.0775
907-1920201601	647	**5**	60	Yes	434333	0.3075
907-1930302001	647	**2**	24	Yes	434326	0.5396
907-201001	647	**5**	60	Yes	434319	0.15
907-2120200201	590	**5**	60	Yes	434272	0.1983
907-27101601	651	**5**	60	Yes	434234	0.13
907-27101605	651	**5**	20	Yes	434227	0.585
907-32102010	652	**1**	10	No	740519	1.597
907-40021001	648	**5**	60	Yes	434173	0.0742
907-40101001	649	**5**	60	Yes	434166	0.07
907-40102005	649	**1**	60	Yes	469175	0.4358
907-40303001	649	**2**	24	Yes	434111	0.25
907-41102001	649	**5**	60	Yes	434159	0.1233
907-41202001	649	**5**	60	Yes	434135	0.12
907-44021001	650	**5**	60	Yes	434098	0.0683
907-44101601	650	**5**	60	Yes	434081	0.0708
907-44162001	650	**5**	60	Yes	434050	0.1017
907-45102001	650	**5**	60	Yes	434074	0.09
907-45202001	650	**5**	60	Yes	434043	0.12
907-47100200	648	**1**	10	No	434036	3.95
907-47100201	648	**5**	60	Yes	430861	0.25
907-47151001	648	**5**	60	Yes	430830	0.0783
907-47161001	648	**5**	40	Yes	430823	0.06
907-480201	651	**5**	60	Yes	434012	0.055
907-481001	651	**5**	40	Yes	434005	0.09
907-490201	653	**5**	60	Yes	433992	0.03
907-490501	653	**5**	60	Yes	433985	0.0392
907-491001	653	**5**	60	Yes	433954	0.05
907-491010	653	**5**	60	Yes	433947	0.2042

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Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
907-491601	653	**5**	40	Yes	433930	0.04	**909-40162001**	649	**5**	60	Yes	432834	0.1
907-492001	653	**5**	40	Yes	433923	0.04	**909-40201601**	649	**5**	20	Yes	432827	0.15
907-541001	648	**5**	60	Yes	430854	0.16	**909-40203001**	649	**5**	60	Yes	432803	0.1
907-58101001	650	**5**	60	Yes	503459	0.0592	**909-40253001**	649	**5**	60	Yes	432797	0.25
907-981001	590	**5**	60	Yes	502933	0.1542	**909-41020201**	649	**5**	60	Yes	432940	0.05
908-061002	654	**5**	60	Yes	433909	0.06	**909-41021601**	649	**5**	60	Yes	432926	0.05
909-030200	654	**1**	50	Yes	433619	0.224	**909-41022001**	649	**5**	60	Yes	432919	0.1158
909-030203	654	**5**	60	Yes	433602	0.025	**909-41051001**	649	**5**	20	Yes	432902	0.07
909-031000	654	**1**	10	Yes	433589	0.126	**909-41101001**	649	**5**	60	Yes	432889	0.07
909-031003	654	**5**	60	Yes	433572	0.0358	**909-41102001**	649	**10**	120	Yes	432865	0.05
909-031603	654	**5**	60	Yes	433565	0.0392	**909-41103001**	649	**5**	20	Yes	432858	0.15
909-032003	654	**5**	60	Yes	433558	0.0425	**909-41161601**	649	**5**	60	Yes	432841	0.1
909-032010	654	**1**	10	Yes	433541	0.01	**909-41202001**	649	**5**	60	Yes	432810	0.1283
909-070201	654	**10**	120	Yes	433534	0.03	**909-41303007**	649	**5**	30	Yes	431707	0.4883
909-070501	654	**5**	60	Yes	433510	0.04	**909-43102001**	651	**5**	40	Yes	431158	0.05
909-071001	654	**10**	120	Yes	433503	0.04	**909-44021001**	650	**5**	60	Yes	430991	0.05
909-071601	654	**5**	20	Yes	433497	0.06	**909-44021601**	650	**5**	20	Yes	430984	0.09
909-072001	654	**5**	40	Yes	433480	0.07	**909-44022001**	650	**5**	40	Yes	430977	0.05
909-073001	654	**5**	60	Yes	433473	0.1125	**909-44101601**	650	**5**	60	Yes	430946	0.05
909-120201	647	**10**	120	Yes	433442	0.05	**909-44162001**	650	**5**	60	Yes	430908	0.1
909-120501	647	**5**	60	Yes	433428	0.08	**909-45020201**	650	**5**	60	Yes	431004	0.0383
909-121001	647	**10**	60	Yes	433411	0.0772	**909-45022001**	650	**5**	40	Yes	430977	0.05
909-121601	647	**5**	60	Yes	433404	0.11	**909-45051001**	650	**5**	20	Yes	430960	0.07
909-122001	647	**5**	60	Yes	433398	0.1	**909-45101001**	650	**5**	40	Yes	430953	0.07
909-13050201	647	**5**	40	Yes	433350	0.07	**909-45102001**	650	**10**	120	Yes	430939	0.05
909-13100201	647	**5**	60	Yes	434364	0.06	**909-45202001**	650	**5**	60	Yes	430892	0.1258
909-13161001	647	**5**	60	Yes	433336	0.11	**909-991001**	590	**5**	60	Yes	434302	0.15
909-13201001	647	**5**	60	Yes	433312	0.15	**909-99100201**	590	**5**	60	Yes	434296	0.15
909-13302001	647	**2**	24	Yes	433282	0.2917	**910-2**	598	**25**	250	Yes	408068	0.031
909-14100201	648	**5**	60	Yes	433275	0.0775	**910-3**	598	**25**	250	Yes	408143	0.0302
909-183001	648	**2**	24	Yes	433244	0.8396	**911-1**	598	**25**	250	Yes	709721	0.03
909-200201	648	**5**	60	Yes	433213	0.08	**911-2**	598	**25**	250	Yes	408105	0.0298
909-201001	648	**5**	120	Yes	433206	0.15	**911-3**	598	**25**	250	Yes	408181	0.022
909-202001	648	**5**	60	Yes	433251	0.3	**911-4**	598	**25**	250	Yes	408235	0.0284
909-21100201	648	**5**	60	Yes	433237	0.15	**911-6**	598	**25**	250	Yes	408273	0.0266
909-250201	648	**5**	40	Yes	433169	0.04	**911-6D**	598	**25**	250	Yes	507785	0.06
909-251001	648	**5**	40	Yes	433152	0.05	**911-7**	598	**25**	250	Yes	408297	0.064
909-251601	648	**5**	20	Yes	433145	0.15	**920-1W**	597	**50**	500	No	407030	0.0116
909-252001	648	**5**	60	Yes	433138	0.25	**920-2W**	597	**25**	250	No	407061	0.0156
909-263001	648	**2**	24	Yes	433121	0.6688	**920-2WPK2**	597	10	10	Yes	407047	0.0463
909-29101601	651	**5**	60	Yes	433060	0.05	**920-3W**	597	**25**	250	No	407146	0.0154
909-29162001	652	**5**	20	Yes	433053	0.1	**920-3WPK2**	597	10	10	Yes	407122	0.0459
909-30020201	651	**5**	40	Yes	433046	0.07	**920-4W**	597	**20**	100	No	407214	0.0143
909-30101001	651	**5**	40	Yes	433039	0.25	**920-4WPK2**	597	1	1	Yes	407207	0.1014
909-30102001	651	**5**	40	Yes	433022	0.05	**921-2W**	597	**50**	500	No	407108	0.0115
909-30161601	652	**5**	40	Yes	433015	0.15	**921-2WPK2**	597	10	10	Yes	407085	0.0483
909-30202001	652	**5**	40	Yes	432995	0.15	**921-3W**	597	**50**	500	No	407184	0.0111
909-32102001	652	**5**	60	Yes	432988	0.1483	**921-3WPK2**	597	1	1	Yes	407160	0.0488
909-40021001	649	**5**	60	Yes	432933	0.07	**921-4W**	597	**20**	100	No	407238	0.0429
909-40101601	649	**5**	60	Yes	432872	0.1	**921-4WPK2**	597	10	10	Yes	407221	0.1293

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
921-6W	597	**20**	100	No	407276	0.0379	**928-12**	615	**50**	500	No	508171	0.0067
921-6WPK2	597	**10**	10	Yes	407269	0.0541	**928-2**	615	**50**	500	No	508201	0.0063
921-7W	597	**20**	100	No	407290	0.0349	**929-01302001**	103	**5**	20	Yes	430786	0.45
921-7WPK2	597	10	10	Yes	407283	0.0511	**929-01303001**	103	**5**	60	Yes	430779	0.45
922-5W	597	**25**	25	No	507983	0.1038	**930-120201**	662	**5**	60	Yes	429308	0.05
922-5WPK2	597	10	10	Yes	407320	0.1091	**930-121001**	662	**5**	60	Yes	429292	0.043
922-6W	597	**25**	25	No	507990	0.1028	**930-121601**	662	**5**	60	Yes	429285	0.057
922-6WPK2	597	10	10	Yes	407344	0.1081	**930-122001**	662	**5**	60	Yes	430724	0.1417
923-1036C00	598	**12**	120	Yes	455925	0.03	**930-122010**	662	**1**	30	Yes	430717	0.9317
923-1612C01	599	**12**	12	Yes	409041	0.0542	**930-123001**	662	**5**	60	Yes	470454	0.1483
923-1613C01	599	**12**	12	Yes	709677	0.0625	**930-13100201**	662	**5**	60	Yes	429186	0.06
923-1614C01	599	**12**	120	Yes	709684	0.05	**930-13161001**	662	**5**	60	Yes	430687	0.05
923-1615C01	599	**12**	12	Yes	502964	0.0792	**930-13201001**	662	**5**	60	Yes	430656	0.05
923-1616C01	599	**12**	12	Yes	502971	0.075	**930-13201601**	662	**5**	60	Yes	430649	0.1
923-1622C01	600	**12**	12	Yes	409089	0.0542	**930-13302001**	662	**5**	60	Yes	430618	0.16
923-1623C01	600	**12**	12	Yes	409164	0.0542	**930-15100201**	663	**5**	60	Yes	430595	0.03
923-1624C01	600	**12**	120	Yes	708991	0.075	**930-15100210**	663	**1**	150	Yes	430588	0.2327
923-1625C01	600	**12**	12	Yes	455796	0.0708	**930-15160201**	663	**5**	40	Yes	430571	0.06
923-1626C01	600	**12**	12	Yes	409263	0.0625	**930-15161001**	663	**5**	60	Yes	430557	0.05
923-1627C01	600	**12**	12	Yes	709004	0.0917	**930-15200201**	663	**5**	60	Yes	430533	0.1
923-2321C00	599	**25**	100	Yes	455802	0.045	**930-15201001**	663	**5**	60	Yes	430526	0.05
923-2322C00	599	**25**	100	Yes	455819	0.0495	**930-15201601**	663	**5**	60	Yes	430519	0.05
923-2326C00	598	**5**	100	Yes	455826	0.0815	**930-15201610**	663	**1**	60	Yes	430502	0.5183
923-2335C00	599	**5**	100	Yes	455833	0.11	**930-15301001**	663	**5**	60	Yes	430496	0.2092
923-2336C00	599	**5**	100	Yes	502544	0.0885	**930-15302001**	663	**5**	60	Yes	430472	0.1
923-2435C00	599	**25**	25	Yes	455857	0.062	**930-15403001**	663	**2**	24	Yes	430458	0.25
923-2436C00	599	**25**	25	Yes	455864	0.052	**930-201001**	662	**5**	60	Yes	456694	0.275
923-2521C04	599	1	200	Yes	455871	0.12	**930-201601**	662	**5**	60	Yes	502551	0.1383
923-2522C04	599	1	200	Yes	455888	0.098	**930-202001**	662	**5**	60	Yes	502797	0.2767
923-2526C04	599	1	200	Yes	457554	0.222	**930-250201**	662	**5**	20	Yes	430373	0.08
923-2527C04	599	1	200	Yes	455901	0.232	**930-251001**	662	**5**	60	Yes	430366	0.05
923-2536C04	599	1	200	Yes	455918	0.166	**930-251601**	662	**5**	40	Yes	430359	0.14
926-2	597	**12**	120	Yes	430069	0.0157	**930-252001**	662	**5**	60	Yes	430342	0.25
926-2W	597	**12**	120	Yes	508010	0.0145	**930-253001**	662	**5**	40	Yes	206527	0.33
926-3	597	**12**	120	Yes	430144	0.0279	**930-270201**	662	**5**	60	Yes	430243	0.04
926-3W	597	**12**	120	Yes	508034	0.0165	**930-271001**	662	**5**	60	Yes	430175	0.09
926-4	597	**12**	120	Yes	430212	0.025	**930-271601**	662	**5**	60	Yes	430137	0.1
926-4W	597	**12**	120	Yes	508058	0.0321	**930-272001**	662	**5**	60	Yes	430106	0.2217
927-2	598	**12**	120	Yes	495426	0.0283	**930-273001**	662	**5**	60	Yes	430090	0.35
927-2W	598	**12**	120	Yes	508072	0.025	**930-46101001**	209	**5**	60	Yes	722324	0.0783
927-3	598	**12**	120	Yes	430182	0.025	**930-46101001**	651	**5**	60	Yes	722324	0.0783
927-3W	598	**12**	120	Yes	508096	0.0228	**930-490201**	663	**5**	40	Yes	429933	0.03
927-4	598	**12**	120	Yes	430236	0.0279	**930-491001**	663	**5**	60	Yes	429919	0.04
927-4W	598	**12**	120	Yes	508119	0.023	**930-491601**	663	**5**	60	Yes	429896	0.05
927-5	598	12	120	Yes	709356	0.0438	**930-491610**	663	**1**	60	Yes	429889	0.4808
927-6	598	**12**	120	Yes	430274	0.038	**930-492001**	663	**5**	60	Yes	429872	0.05
927-6W	598	**12**	120	Yes	508133	0.033	**930-492010**	663	1	10	Yes	429865	0.632
927-7	598	**12**	120	Yes	430298	0.0446	**930-493001**	663	**5**	20	Yes	429858	0.1
927-7W	598	**12**	120	Yes	508157	0.041	**930-493010**	663	**1**	25	Yes	429841	1.274
927-8W	598	**12**	120	Yes	508164	0.0452	**930-500201**	664	**5**	60	Yes	429834	0.05

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
930-501001	664	**5**	60	Yes	429810	0.04	**933-8460P01**	671	**2**	24	Yes	428325	0.7875
930-501010	664	**1**	150	Yes	429803	0.2603	**933-852001**	671	**1**	5	Yes	428301	0.26
930-501601	664	**5**	60	Yes	429797	0.05	**933-853001**	671	**1**	5	Yes	428295	0.23
930-502001	664	**5**	60	Yes	429766	0.09	**934-02001**	675	**5**	60	Yes	428288	0.03
930-502010	664	**1**	45	Yes	429759	0.7522	**934-021.501**	675	**5**	60	Yes	428271	0.04
930-503001	664	**5**	60	Yes	470492	0.1525	**934-02201**	675	**5**	40	Yes	428257	0.05
930-511001	664	**5**	60	Yes	429711	0.0492	**934-02401**	675	**5**	20	Yes	428240	0.11
930-512001	664	**5**	60	Yes	429674	0.1	**934-10001**	675	**5**	60	Yes	428202	0.06
930-56161001	663	**5**	60	Yes	429544	0.0983	**934-101.501**	675	**5**	60	Yes	428196	0.06
930-610201	663	**5**	60	Yes	429506	0.04	**934-102.501**	675	**5**	60	Yes	428189	0.1142
930-611001	663	**5**	60	Yes	429490	0.07	**934-10201**	675	**5**	60	Yes	428172	0.09
930-611601	663	**5**	60	Yes	429483	0.06	**934-10301**	675	**5**	60	Yes	428158	0.1
930-611610	663	**1**	60	Yes	429476	0.5775	**934-10401**	675	**5**	60	Yes	428141	0.19
930-612001	663	**5**	60	Yes	429469	0.1	**934-10501**	675	**5**	40	Yes	428127	0.1962
930-613001	663	**5**	60	Yes	429452	0.19	**934-16001**	675	**5**	60	Yes	428103	0.0517
930-62201001	664	**5**	60	Yes	429391	0.0967	**934-161.501**	675	**5**	60	Yes	428097	0.05
930-62201601	664	**5**	60	Yes	429377	0.0958	**934-162.501**	675	**5**	20	Yes	428080	0.15
930-62302001	664	**5**	60	Yes	429360	0.2117	**934-16201**	675	**5**	40	Yes	428073	0.11
930-642001	664	**5**	20	Yes	502759	0.49	**934-16301**	675	**5**	20	Yes	428059	0.15
930-643001	664	**5**	60	Yes	429315	0.14	**934-16401**	675	**5**	20	Yes	428042	0.24
931-122001	667	**5**	60	Yes	429278	0.05	**934-16601**	675	**5**	60	Yes	428028	0.325
931-123001	667	**5**	60	Yes	429247	0.1	**934-20001**	675	**5**	60	Yes	428011	0.17
931-124001	667	**2**	24	Yes	429230	0.43	**934-201.501**	675	**5**	60	Yes	428004	0.09
931-13100201	667	**5**	60	Yes	430700	0.1	**934-202.501**	675	**5**	60	Yes	427991	0.15
931-13403001	667	**2**	24	Yes	429100	0.3	**934-20201**	675	**5**	60	Yes	427984	0.1383
931-200201	667	**5**	20	Yes	456946	0.135	**934-20301**	675	**5**	60	Yes	427960	0.19
931-203001	667	**5**	60	Yes	455970	0.4	**934-204.501**	675	**5**	60	Yes	427953	0.2933
931-204001	667	**2**	24	Yes	455987	0.75	**934-20401**	675	**5**	60	Yes	427946	0.2
931-252001	667	**5**	60	Yes	456014	0.25	**934-20501**	675	**5**	60	Yes	427922	0.34
931-253001	667	**5**	60	Yes	456021	0.3	**934-20601**	675	**5**	60	Yes	427915	0.35
931-254001	667	**2**	24	Yes	430335	0.57	**934-30001**	675	**5**	60	Yes	427908	0.12
931-272001	668	**5**	60	Yes	456045	0.2567	**934-301.501**	675	**5**	60	Yes	427892	0.1
931-494001	668	**2**	24	Yes	456120	0.28	**934-302.501**	675	**5**	60	Yes	427885	0.22
931-503001	668	**5**	60	Yes	428851	0.15	**934-30201**	675	**5**	60	Yes	427878	0.1
931-542001	667	**5**	60	Yes	456236	0.4842	**934-30301**	675	**5**	60	Yes	427854	0.27
933-122001	671	**5**	60	Yes	428769	0.04	**934-30401**	675	**5**	40	Yes	427830	0.3
933-15201001	672	**5**	60	Yes	428721	0.0308	**934-30501**	675	**5**	60	Yes	427823	0.4283
933-15302001	672	**5**	60	Yes	428691	0.05	**934-30601**	675	**5**	60	Yes	427816	0.4758
933-252001	671	**5**	60	Yes	428608	0.07	**934-40001**	675	**2**	24	Yes	427809	0.16
933-253001	671	**5**	60	Yes	428585	0.09	**934-40201**	675	**2**	24	Yes	427786	0.2333
933-611601	672	**5**	60	Yes	428486	0.0333	**934-40401**	675	**2**	24	Yes	427762	0.5646
933-612001	672	**5**	60	Yes	428479	0.03	**935-022.501**	676	**5**	20	Yes	427670	0.09
933-822001	671	**5**	60	Yes	428448	0.11	**935-02301**	676	**5**	20	Yes	427656	0.06
933-823001	671	**5**	60	Yes	428431	0.1	**935-30001**	676	**5**	60	Yes	206435	0.1242
933-8330P01	671	**5**	60	Yes	428394	0.1	**935-40301**	676	**2**	24	Yes	427496	0.3979
933-8420P01	671	**5**	60	Yes	428370	0.11	**935-40601**	676	**2**	24	Yes	427472	0.8729
933-843001	671	**5**	60	Yes	428363	0.1	**936-16201**	676	**5**	60	Yes	427380	0.3492
933-8430P01	671	**5**	60	Yes	428356	0.1	**936-16401**	676	**5**	60	Yes	427359	0.22
933-845001	671	**1**	2	Yes	428349	0.575	**936-16501**	676	**5**	60	Yes	427342	0.2792
933-8450P01	671	**2**	24	Yes	428332	0.4688	**936-20001**	676	**5**	60	Yes	427328	0.0725

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
936-201.501	676	**5**	60	Yes	427311	0.095	**961-34**	727	1	12	No	508676	0.6495
936-20201	676	**5**	60	Yes	427304	0.1275	**961-6**	600	25	25	No	508690	0.062
936-20301	676	**5**	60	Yes	427281	0.1908	**961-7**	600	**25**	25	No	508706	0.11
936-20401	676	**5**	60	Yes	427274	0.2617	**963-01**	735	**24**	240	No	508751	0.0338
937-1230201	693	**5**	60	Yes	204547	0.1658	**963-15PK2**	735	20	20	Yes	517012	1.002
937-123030101	693	**5**	60	Yes	427236	0.1175	**963-HTL-FE128**	739	**4**	4	Yes	972249	15.225
937-2330101	694	**5**	20	Yes	427229	0.25	**963-HTL-FE20**	739	**12**	12	Yes	137174	2.5208
937-4930100	694	**5**	60	Yes	427205	0.0617	**963-HTL-FE32**	739	**12**	12	Yes	922015	3.9375
937-4930101	694	**5**	60	Yes	427199	0.07	**963-HTL-FE64**	739	**4**	4	Yes	962028	7.95
937-66302001	694	**5**	40	Yes	427168	0.16	**965-204**	728	**25**	25	No	508836	0.2
937-66302501	694	**5**	20	Yes	427151	0.18	**965-208**	728	**25**	25	No	508843	0.314
937-6730101	693	**5**	60	Yes	427144	0.1683	**965-212**	728	**25**	25	No	508850	0.38
937-67303020101	693	**5**	60	Yes	427120	0.18	**965-804**	728	**25**	25	No	508867	0.252
937-683020101	693	**5**	60	Yes	427137	0.16	**965-808**	728	**25**	25	No	508874	0.416
937-6930101	693	**5**	60	Yes	427113	0.14	**965-812**	728	**25**	25	No	508881	0.424
937-703020101	693	**5**	60	Yes	427106	0.11	**969-014440304001**	112	**2**	24	Yes	426581	0.55
937-7130101	693	**5**	60	Yes	427090	0.18	**970-112**	213	**20**	20	Yes	302120	0.56
937-7230101	693	**5**	60	Yes	427083	0.15	**970-117**	213	**12**	12	Yes	508911	1.392
937-723030101	693	**5**	60	Yes	427076	0.1375	**970-208**	213	1	12	Yes	302083	0.75
937-733020101	693	**5**	60	Yes	427069	0.12	**970-214**	213	1	12	Yes	302144	1.767
937-7530101	693	**5**	40	Yes	427052	0.15	**970-214S**	213	1	6	Yes	100702	1.775
937-753030201	693	**5**	60	Yes	427045	0.19	**970-269S**	213	1	6	Yes	100719	0.75
937-763020101	693	**5**	60	Yes	427021	0.12	**970-SP110**	213	**6**	6	Yes	747136	0.5
937-763020201	693	**5**	60	Yes	427007	0.1383	**970-SP116**	213	**6**	6	Yes	747235	1.446
937-773030101	694	**5**	40	Yes	426994	0.1	**971-1414**	149	1	1	No	101143	6.85
937-782030101	694	**5**	40	Yes	426987	0.1	**971-1414**	214	1	1	No	101143	6.85
937-783016201	694	**5**	60	Yes	426963	0.1	**971-1430**	149	1	1	No	101150	12.85
937-783020201	694	**5**	40	Yes	426956	0.11	**971-1430**	214	1	1	No	101150	12.85
937-793002201	694	**5**	60	Yes	426932	0.09	**971-77**	214	**1**	8	No	718761	2.2625
937-803030201	693	**5**	20	Yes	426918	0.25	**971-77**	296	**1**	8	No	718761	2.2625
937-8520300201	694	**5**	40	Yes	502636	0.2675	**971-99**	214	**1**	8	No	718778	3.2
937-95301001	695	**5**	60	Yes	206121	0.1392	**971-99**	296	**1**	8	No	718778	3.2
937-96301001	695	**5**	60	Yes	206138	0.1158	**972-10**	615	1	50	No	508942	0.394
938-1230101	699	**5**	60	Yes	207326	0.055	**972-100**	615	1	12	Yes	508959	0.1319
938-65303001	700	**5**	40	Yes	426888	0.03	**972-15**	615	1	50	No	508973	0.497
938-66302001	700	**5**	40	Yes	426840	0.1	**972-20**	615	1	50	No	508997	0.397
938-66302501	700	**5**	40	Yes	426826	0.04	**972-30**	615	1	50	No	509000	0.6816
938-673030101	699	**5**	60	Yes	426710	0.0492	**972-32**	615	1	18	Yes	566140	0.7917
938-683020101	699	**5**	60	Yes	426703	0.03	**972-32RB**	615	1	18	Yes	509239	0.8408
938-693030101	699	**5**	60	Yes	426727	0.04	**972-32SN**	615	1	18	Yes	509055	0.8396
938-713030101	699	**5**	60	Yes	207081	0.0417	**972-35**	615	1	50	No	509024	0.658
938-7530101	699	5	60	Yes	426697	0.0792	**972-36**	615	1	18	Yes	556806	0.9376
938-783010201	700	**5**	60	Yes	426796	0.0425	**972-362PK2**	615	6	6	Yes	501875	1.044
938-783016201	700	**5**	60	Yes	426789	0.04	**972-36MB**	615	1	18	Yes	753403	0.916
938-783020201	700	**5**	60	Yes	426772	0.03	**972-36RB**	615	1	18	Yes	509109	0.9161
938-783025201	700	**5**	60	Yes	426765	0.04	**972-36SN**	615	1	18	Yes	509123	0.8114
961-20	727	24	24	No	508584	0.1617	**972-3RA**	615	**1**	10	No	501837	0.3012
961-20155	600	1	25	Yes	508607	0.034	**973-0010C01**	580	**8**	8	Yes	426574	1.15
961-22	727	24	24	No	508645	0.196	**973-0015C04**	580	**8**	8	Yes	503138	1.4562
961-32	727	1	12	No	508669	0.2745	**973-0015RB04**	580	**1**	8	Yes	503190	1.4625

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)	Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
973-0102C04	581	**1**	12	Yes	426536	1.7625	**974-686003C04**	617	**1**	24	Yes	426215	2.3438
973-0202C04	581	**8**	8	Yes	503251	1.3625	**974-84410301**	617	**1**	50	Yes	472939	-
973-0302C04	580	**1**	8	Yes	426512	1.5	**974-85033201**	617	1	100	Yes	456519	0.08
973-0402C04	580	**8**	8	Yes	472861	1.1	**974-95650004**	603	**1**	12	Yes	456571	1.735
973-0600C04	580	**1**	3	Yes	472878	3.6	**974-95650304**	603	**1**	12	Yes	456588	1.6958
973-0600SN/RB04	580	**1**	3	Yes	426505	3.6	**975-080201**	659	**5**	60	Yes	426192	0.05
973-2015C04	579	1	10	Yes	456366	3.845	**975-081001**	659	**10**	120	Yes	426161	0.05
973-2302C04	579	**1**	12	Yes	456373	3.7542	**975-081601**	659	**5**	60	Yes	426147	0.08
973-2439C04	579	**10**	10	Yes	736956	3.9062	**975-091001**	659	**5**	60	Yes	426079	0.08
973-3015C04	579	1	16	Yes	426468	3.54	**975-091601**	659	**5**	60	Yes	426055	0.11
973-3015PB04	579	1	16	Yes	426451	3.54	**975-092001**	659	**5**	60	Yes	426024	0.14
973-3015SN04	579	1	4	Yes	207685	3.45	**975-101001**	659	**10**	120	Yes	425997	0.09
973-3016C04	579	1	3	Yes	426444	4.18	**975-101601**	659	**10**	120	Yes	425980	0.13
973-3102C04	579	**4**	16	Yes	426437	3.37	**975-102001**	659	**10**	120	Yes	425973	0.07
973-3302C04	579	**1**	12	Yes	456397	3.625	**975-120201**	657	**5**	20	Yes	425959	0.06
973-3702C04	580	**1**	3	Yes	426413	3.5	**975-121001**	657	**5**	60	Yes	425928	0.11
973-3900C04	580	**1**	10	Yes	426406	5.45	**975-121601**	657	**5**	60	Yes	425904	0.15
973-5201C01	581	**8**	8	Yes	426390	1.3	**975-13161001**	657	**5**	60	Yes	425867	0.12
973-5202C04	581	**8**	8	Yes	503206	1.3562	**975-13201001**	657	**5**	60	Yes	425843	0.1575
973-5204C04	581	**12**	12	No	736819	1.2	**975-27101601**	658	**5**	60	Yes	425607	0.14
973-5401C04	581	**1**	12	Yes	426383	1.36	**975-40021001**	657	**5**	40	Yes	425409	0.07
973-6101C01	581	**8**	8	Yes	426376	2.45	**975-40100001**	657	**5**	60	Yes	425355	0.0808
973-6301C04	581	**8**	8	Yes	426369	2.65	**975-40101601**	657	**5**	60	Yes	425324	0.05
973-7201C01	581	**8**	8	Yes	426352	0.8	**975-40162001**	657	**5**	60	Yes	425263	0.1
973-7401C04	581	**1**	12	Yes	207692	0.9	**975-40252501**	657	**5**	60	Yes	425188	0.07
973-8301C01	581	**1**	8	Yes	426345	1.7562	**975-41021601**	657	**5**	60	Yes	425393	0.07
973-8301PB04	581	**4**	4	Yes	426338	2.1375	**975-41101001**	657	**5**	40	Yes	425300	0.05
973-9000C01	582	**1**	25	Yes	426321	0.3	**975-41102001**	657	**10**	120	Yes	425317	0.09
973-9015R101	582	**6**	120	Yes	426314	0.1346	**975-41161601**	657	**5**	60	Yes	425270	0.12
973-9090C04	582	**1**	1	Yes	472892	0.29	**975-41202001**	657	**5**	60	Yes	425218	0.17
973-9097C01	582	**1**	20	Yes	426307	1.305	**975-44101601**	658	**5**	60	Yes	425096	0.09
973-9099C01	582	**1**	20	Yes	426291	0.0725	**975-44162001**	658	**5**	60	Yes	425041	0.12
973-9100C04	582	**1**	12	Yes	472908	0.6292	**975-44252501**	658	**5**	60	Yes	424983	0.2567
973-9300C04	582	**1**	12	Yes	456441	0.5042	**975-45101001**	658	**5**	20	Yes	425119	0.0825
973-9392C04	582	**10**	200	Yes	426284	0.15	**975-45102001**	658	**10**	120	Yes	425089	0.15
973-9601	582	**1**	25	Yes	472915	0.042	**975-45202001**	658	**5**	40	Yes	425003	0.1525
974-60100	582	1	20	Yes	509048	0.2925	**975-490201**	658	**5**	60	Yes	424884	0.05
974-60101	582	**1**	10	Yes	472922	-	**975-491001**	658	**5**	60	Yes	424860	0.05
974-60102	582	1	12	Yes	509062	0.192	**975-491601**	658	**5**	60	Yes	424853	0.07
974-60116	582	**12**	120	No	509093	0.0549	**975-492001**	658	**5**	40	Yes	424846	0.11
974-60300	616	1	6	Yes	509130	0.5823	**975-510205**	659	**5**	20	Yes	424839	0.05
974-60306	616	1	25	Yes	509161	0.2651	**975-511005**	659	**5**	60	Yes	424815	0.07
974-60308	616	1	25	Yes	509185	0.4074	**975-511605**	659	**5**	40	Yes	424808	0.07
974-60315	616	1	10	Yes	509215	0.85	**975-L541001**	657	**5**	60	Yes	424938	0.14
974-660303L04	617	**50**	50	No	426277	0.479	**978-47021001**	659	**5**	40	Yes	424648	0.07
974-662303L04	617	**50**	50	No	426260	0.56	**978-47101001**	659	**5**	60	Yes	424631	0.07
974-6633032H04	617	**1**	1	Yes	426253	2.85	**980-5**	567	**50**	500	No	504531	0.0565
974-68000304	617	**1**	1	Yes	426246	3	**980-6**	567	**50**	500	No	509260	0.0725
974-68100304	617	**1**	1	Yes	426239	4.7	**980-7**	567	**10**	100	Yes	715708	0.135
974-68200301	617	**1**	4	Yes	426222	8.0125	**980-8**	567	**50**	500	No	509277	0.079

Item No	Page No	Min Qty	Case Qty	UPC Bar-Coded	UPC 6-Digit	Weight (lbs.)
981-5	567	**50**	500	No	509284	0.0595
981-6	567	**50**	500	No	509291	0.0498
981-7	567	**10**	100	Yes	715715	0.145
981-8	567	**50**	500	No	502988	-
985-5	567	**50**	500	No	509307	0.0542
985-6	567	**50**	500	No	509314	0.0625
985-8	567	**50**	500	No	509321	0.0695
986-6	567	**50**	500	No	509338	0.0595
988-5000	551	**100**	1000	No	456625	0.017
988-5100	551	**100**	1000	No	702081	-
988-6	551	**100**	1000	No	509345	0.0235
988-6100	551	**100**	1000	No	456632	0.02
988-6GT	451	**25**	25	No	713827	0.042
988-6GT	452	**25**	25	No	713827	0.042
988-6GT	550	**25**	25	No	713827	0.042
988-6GT	552	**25**	25	No	713827	0.042
990-20385	567	**25**	300	No	509352	0.0095
990-7	567	**100**	1000	No	509376	0.0086
991-6	551	**100**	1000	No	509383	0.0058
991-6S	551	**100**	1000	No	702098	0.0056
991-6S	567	**100**	1000	No	702098	0.0056
995-20320	567	**25**	200	No	509390	0.0097
995-5	567	**100**	1000	No	509437	0.006
995-6	567	**100**	1000	No	509444	0.0106
995-8	567	**100**	1000	No	509451	0.0125
996-500	551	**100**	1000	No	456649	0.0035
996-500	552	**100**	1000	No	456649	0.0035
996-5PK3	551	**1**	10	Yes	713636	0.3
996-5PK3	552	**1**	10	Yes	713636	0.3
996-5S	551	**100**	1000	No	702104	0.0034
996-5S	552	**100**	1000	No	702104	0.0034
996-5S	567	**100**	1000	No	702104	0.0034
996-6	551	**100**	1000	No	509468	0.0058
996-6	552	**100**	1000	No	509468	0.0058
996-6PK3	551	**1**	10	Yes	713643	0.37
996-6PK3	552	**1**	10	Yes	713643	0.37
996-6S	551	**100**	1000	No	702111	0.004
996-6S	552	**100**	1000	No	702111	0.004
996-6S	567	**100**	1000	No	702111	0.004
996-8	552	**100**	1000	No	509475	0.0078
996-8S	552	**100**	1000	No	702128	0.0061
996-8S	567	**100**	1000	No	702128	0.0061
996-L100201	664	**5**	60	Yes	206268	0.2575
996-L101001	664	**5**	60	Yes	206251	0.2442
996-L601001	684	**5**	60	Yes	206237	0.13
996-L601601	684	**5**	60	Yes	206244	0.1442
997-010206020601	707	**5**	60	Yes	424419	0.1175
997-020201104001	707	**5**	60	Yes	424280	0.1192
997-020206024001	707	**5**	60	Yes	424273	0.1017
997-0242020201	707	**5**	60	Yes	424303	0.08
997-400201	707	**5**	60	Yes	424433	0.09
997-401001	707	**5**	60	Yes	424341	0.05
997-940201	707	**5**	60	Yes	424228	0.2
997-941001	707	**5**	40	Yes	424204	0.25
997-950201	707	**5**	60	Yes	736970	0.1984
998-011044104001	708	**5**	60	Yes	424143	0.2008
998-05104001	708	**5**	60	Yes	424051	0.08
998-51162001	708	**5**	20	Yes	424099	0.3475

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Minimum Quantities in **BOLD** may never be broken.

Sioux Chief

Order Form

DATE	
PAGE	OF

INSTRUCTIONS

1. Fill in all Bill to and Ship to information.
2. Complete one line for each item ordered and fully extend for item total. Add all lines for order total.
3. Fax or mail page(s) to factory, representative or wholesaler.

BILL TO	new address ☐		
Qualified wholesale distributors only			
Purchase order no.			
Contact name			
Company			
Street address			
City			
State		Zip	
Phone		Fax	
Special instructions			

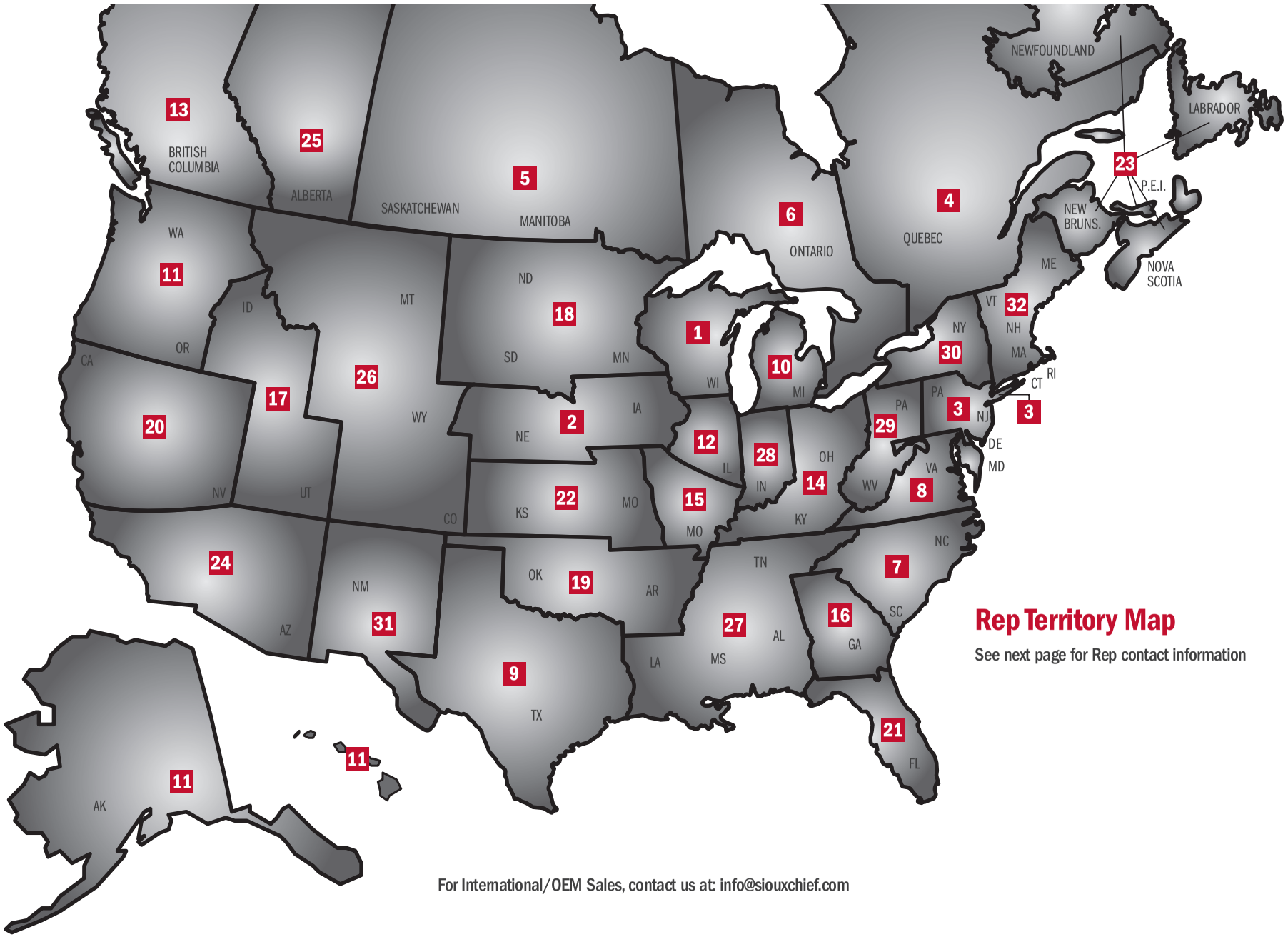
SHIP TO	new address ☐		
Leave blank if same as "bill to"			
Purchase order no.			
Contact name			
Company			
Street address			
City			
State		Zip	
Phone		Fax	
Special instructions			

ORDER

	Item No.	Description	Qty.	List Price Each	List Price Total	Mult.	Net Price Total
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
Signature / Date				Order Totals			

14940 Thunderbird Road
Kansas City, MO 64147
P 1.800.821.3944
F 1.800.758.5950

Sioux Chief



Rep Territory Map

See next page for Rep contact information

For International/OEM Sales, contact us at: info@siouxchief.com

	Company	Territory	Phone	Website
1	Badgerland Trading Company	WI	(262) 827-3177	badgerlandtrading.com
2	Bulls-I Sales	IA, NE	(913) 649-8391	bullsisales.com
3	Burns Cope Associates	Northern DE, NJ, Eastern PA, New York Metro Area	(610) 485-2828	burnscope.com
4	Can-Aqua International	Quebec	(450) 625-3088	can-aqua.ca
5	Can-Aqua International	Saskatchewan Manitoba	(306) 501-4295 (204) 292-9749	can-aqua.ca
6	Cardinal Sales	Ontario	(905) 569-1419	cardinalsales.ca
7	Carolina Sales Associates	NC, SC	(803) 831-7227	csareps.com
8	Cathell, Naylor & Associates	Southern DE, DC, MD, VA, WV	(571) 313-1390	cathell.com
9	Corbett, Wingard & Ray	TX	(817) 335-4802	www.cwrrepstexas.com
10	Exceptional Product Sales	MI	(586) 286-3240	eps.michigan@sbcglobal.net
11	Gordon & Associates	AK, WA, OR, HI	(360) 566-1470	gordonandassoc.com
12	Hart, Travers & Associates	IL	(800) 535-8525	htareps.com
13	Hy-Line Sales	British Columbia	(778) 657-6431	hylinesales.com
14	Lowder Sales	OH, KY	(800) 221-5650	lsireps.com
15	M R & Associates	Eastern MO & Southern IL	(314) 962-8960	mrassocinc.com
16	CSA Georgia Sales	GA	(470) 330-5757	csa-georgia.com
17	Mountain West Marketing	UT, ID	(801) 782-0100	mtnwm.com
18	Northland Reps	ND, SD, MN	(952) 854-3905	northlandreps.com
19	NSC Marketing	OK, AR	(405) 602-2800	nscok.com
20	Paramount Sales	Northern CA, NV	(925) 373-0817	paramountsales.biz
21	RSL Sales Associates	FL	(800) 538-4792	rslsales.com
22	SFE Enterprises	KS, MO	(816) 322-2206	sfeenterprises.com
23	Shoreline Mechanical Sales	Atlantic Canada	(902) 455-2939	shorelinemechanical.ca
24	Signature Sales	Southern CA, AZ, Las Vegas, NV	(951) 549-1000	signaturesalesinc.com
25	Spectrum Sales	Alberta	(403) 255-8332	spectrumsales.ca
26	T M Sales	MT, WY, CO, Western NE	(303) 375-1515	tmsalesinc.com
27	Tim Morales & Associates	LA, AL, MS, TN, FL panhandle	(251) 602-8333	timmorales.com
28	TOP Marketing	Indiana	(317) 575-9267	topmktg.com
29	Triumph Sales	Western PA, WV	(412) 781-0950	triumphsalesinc.com
30	Twin "D" Associates	NY	(800) 522-3523	twindassociates.com
31	W W Sales Company	NM, El Paso, TX	(505) 878-0636	wwsalesco.com
32	Walter F Morris Company	New England	(800) 888-1922	morrismerchants.com

1 cubic ft of water weighs 62.41 lbs.
1 cubic meter of water weighs 100 kg.
1 gallon (US) of water weighs 8.335 lbs.
1 liter of water weighs 1 kg.

Copper water tube and copper sweat fittings are referenced by their nominal (nom) size, which approximates the inside diameter (I.D.) waterway of the tube (1/2" nom, 3/4" nom, etc.).

Compression fittings are referenced by the outside diameter (O.D.) of the tube they connect to (5/8" O.D., 7/8" O.D., etc.).

Copper water tube is manufactured in accordance with ASTM Standard B 88.

Nominal Tube Size	Outside Diameter	Min. Wall Thickness	Weight Empty (lbs/ft)	Weight Full of Water (lbs/ft)
SCHEDULE 40 STEEL				
⅛"	0.405"	0.068"	0.2	0.4
¼"	0.540"	0.088"	0.4	0.5
⅜"	0.675"	0.091"	0.6	0.7
½"	0.840"	0.109"	0.8	0.9
¾"	1.050"	0.113"	1.1	1.3
1"	1.315"	0.133"	1.7	2.1
1¼"	1.660"	0.140"	2.3	2.9
1½"	1.900"	0.145"	2.7	3.6
2"	2.375"	0.154"	3.6	5.0
2½"	2.875"	0.203"	5.8	7.9
3"	3.500"	0.216"	7.6	10.8
3½"	4.000"	0.226"	9.1	13.4
4"	4.500"	0.237"	10.8	16.3
SCHEDULE 40 PVC				
⅛"	0.405"	0.068"	0.04	0.06
¼"	0.540"	0.088"	0.07	0.11
⅜"	0.675"	0.091"	0.10	0.18
½"	0.840"	0.109"	0.15	0.25
¾"	1.050"	0.113"	0.20	0.40
1"	1.315"	0.133"	0.30	0.70
1¼"	1.660"	0.140"	0.40	1.00
1½"	1.900"	0.145"	0.50	1.40
2"	2.375"	0.154"	0.60	2.00
2½"	2.875"	0.230"	1.00	3.10
3"	3.500"	0.216"	1.30	4.50
3½"	4.000"	0.226"	1.60	5.90
4"	4.500"	0.237"	1.90	7.40
SCHEDULE 40 CPVC				
¼"	0.540"	0.088"	0.09	0.12
½"	0.840"	0.109"	0.19	0.28
¾"	1.050"	0.113"	0.25	0.43
1"	1.315"	0.133"	0.38	0.76
1¼"	1.660"	0.140"	0.51	1.08
1½"	1.900"	0.145"	0.61	1.49
2"	2.375"	0.154"	0.82	2.12
2½"	2.875"	0.230"	1.29	3.29
3"	3.500"	0.216"	1.69	4.75
4"	4.500"	0.237"	2.33	7.68

Nominal Tube Size	Outside Diameter	Min. Wall Thickness	Weight Empty (lbs/ft)	Weight Full of Water (lbs/ft)
SCHEDULE 80 STEEL				
⅛"	0.405"	0.095"	0.3	0.4
¼"	0.540"	0.119"	0.5	0.6
⅜"	0.675"	0.126"	0.7	0.8
½"	0.840"	0.147"	1.1	1.2
¾"	1.050"	0.154"	1.5	1.7
1"	1.315"	0.179"	2.2	2.5
1¼"	1.660"	0.191"	3.0	3.5
1½"	1.900"	0.200"	3.6	4.3
2"	2.375"	0.218"	5.0	6.3
2½"	2.875"	0.276"	7.6	9.4
3"	3.500"	0.300"	10.2	13.0
3½"	4.000"	0.318"	12.5	16.3
4"	4.500"	0.337"	15.0	20.0
SCHEDULE 80 POLYPRO				
½"	0.840"	0.147"	0.14	0.19
¾"	1.050"	0.154"	0.19	0.33
1"	1.315"	0.179"	0.27	0.49
1¼"	1.660"	0.191"	0.38	0.85
1½"	1.900"	0.200"	0.45	1.18
2"	2.375"	0.218"	0.62	1.61
SCHEDULE 80 PVC				
⅛"	0.405"	0.095"	0.05	0.06
¼"	0.540"	0.119"	0.09	0.12
⅜"	0.675"	0.126"	0.10	0.16
½"	0.840"	0.147"	0.10	0.20
¾"	1.050"	0.154"	0.20	0.40
1"	1.315"	0.179"	0.40	0.70
1¼"	1.660"	0.191"	0.50	1.00
1½"	1.900"	0.200"	0.60	1.30
2"	2.375"	0.218"	0.90	2.20
2½"	2.875"	0.276"	1.30	3.10
3"	3.500"	0.300"	1.80	4.60
3½"	4.000"	0.318"	2.20	6.00
4"	4.500"	0.337"	2.60	7.60
SCHEDULE 80 CPVC				
¼"	0.540"	0.119"	0.12	0.16
½"	0.840"	0.147"	0.24	0.31
¾"	1.050"	0.154"	0.33	0.48
1"	1.315"	0.179"	0.49	0.85
1¼"	1.660"	0.191"	0.67	1.18
1½"	1.900"	0.200"	0.81	1.61
2"	2.375"	0.218"	1.09	2.26
2½"	2.875"	0.276"	1.65	3.49
3"	3.500"	0.300"	2.21	5.02
4"	4.500"	0.337"	3.23	8.08
CTS CPVC (SDR 11)				
½"	0.625"	0.060"	0.08	0.16
¾"	0.875"	0.080"	0.14	0.31
1"	1.125"	0.102"	0.22	0.51
1¼"	1.375"	0.125"	0.33	0.76
1½"	1.625"	0.148"	0.47	1.07
2"	2.125"	0.193"	0.80	1.83

Nominal Tube Size	Outside Diameter	Min. Wall Thickness	Weight Empty (lbs/ft)	Weight Full of Water (lbs/ft)
COPPER TYPE K				
⅜"	0.500"	0.049"	0.27	0.32
½"	0.625"	0.049"	0.34	0.43
⅝"	0.750"	0.049"	0.42	0.56
¾"	0.875"	0.065"	0.64	0.83
1"	1.125"	0.065"	0.84	1.18
1¼"	1.375"	0.065"	1.04	1.57
1½"	1.625"	0.072"	1.36	2.10
2"	2.125"	0.083"	2.06	3.37
2½"	2.625"	0.095"	2.92	4.92
3"	3.125"	0.109"	4.00	6.96
3½"	3.625"	0.120"	5.12	9.02
4"	4.125"	0.134"	6.51	11.57
COPPER TYPE L				
⅜"	0.500"	0.035"	0.20	0.26
½"	0.625"	0.040"	0.28	0.38
⅝"	0.750"	0.042"	0.36	0.51
¾"	0.875"	0.045"	0.45	0.66
1"	1.125"	0.050"	0.65	1.01
1¼"	1.375"	0.055"	0.88	1.42
1½"	1.625"	0.060"	1.14	1.91
2"	2.125"	0.070"	1.75	3.09
2½"	2.625"	0.080"	2.48	4.54
3"	3.125"	0.090"	3.33	6.28
3½"	3.625"	0.100"	4.29	8.28
4"	4.125"	0.110"	5.38	10.57
COPPER TYPE M				
½"	0.625"	0.028"	0.204	0.314
¾"	0.875"	0.032"	0.328	0.551
1"	1.125"	0.035"	0.465	0.843
1¼"	1.375"	0.042"	0.682	1.25
1½"	1.625"	0.049"	0.940	1.73
2"	2.125"	0.058"	1.460	2.83
2½"	2.625"	0.065"	2.030	4.14
3"	3.125"	0.072"	2.680	5.70
3½"	3.625"	0.083"	3.580	7.64
4"	4.125"	0.095"	4.660	9.83
COPPER TYPE DWV				
1¼"	1.375"	0.040"	0.65	1.22
1½"	1.625"	0.042"	0.81	1.62
2"	2.125"	0.042"	1.07	2.48
3"	3.125"	0.045"	1.69	4.81
4"	4.125"	0.058"	2.87	7.88
CAST IRON EXTRA HEAVY				
2"	2.38"	0.190"	5.0	6.6
3"	3.50"	0.250"	9.0	12.7
4"	4.50"	0.250"	12.0	18.5
CAST IRON SERVICE WEIGHT				
2"	2.25"	0.17"	4	5.5
3"	3.25"	0.17"	6	9.4
4"	4.25"	0.18"	8	14.2
NO-HUB CAST IRON				
1½"	1.90"	0.16"	2.7	6.2
2"	2.35"	0.16"	3.6	8.6
3"	3.35"	0.16"	5.2	13.5
4"	4.38"	0.19"	7.4	20.2

Pipe Support Requirements

Data from 2021 International Plumbing Code, Table 308.5

Piping Material	Maximum Horizontal Spacing (ft)	Maximum Vertical Spacing (ft)
ABS pipe	4	10 [B]
Aluminum tubing	10	15
Brass pipe	10	10
Cast iron pipe	5 [A]	15
CPVC pipe or tubing, ≤ 1"	3	10 [B]
CPVC pipe or tubing, ≥ 1¼"	4	10 [B]
Copper or copper-alloy pipe	12	10
Copper or copper alloy tubing ≤ 1¼" diameter	6	10
Copper or copper alloy tubing ≥ 1½" diameter	10	10
PEX pipe, ≤ 1"	2.67 (32")	10 [B]
PEX pipe, ≥ 1¼"	4	10 [B]
PEX-AL-PEX pipe	2.67 (32")	4
Lead pipe	Continuous	4
PE-AL-PE pipe	2.67 (32")	4
PE-RT pipe, ≤ 1"	2.67 (32")	10 [B]
PE-RT pipe, ≥ 1¼"	4	10 [B]
PP pipe or tubing, ≤ 1"	2.67 (32")	10 [B]
PP pipe or tubing, ≥ 1¼"	4	10 [B]
PVC pipe	4	10 [B]
Stainless steel drainage systems	10	10 [B]
Steel pipe	12	15

A: The maximum horizontal spacing of cast iron pipe hangers shall be increased to 10 ft where 10-ft lengths of pipe are installed

B: For sizes 2" and smaller, a guide shall be installed midway between required vertical supports. Such guides shall prevent pipe movement in a direction perpendicular to the axis of the pipe

Labor Cost Chart

Dollars earned when you save time using Sioux Chief products.

Rate \ Time	2 min.	5 min.	10 min.	15 min.	20 min.
$20.00/hr	$0.66	$1.67	$3.33	$5.00	$6.67
$25.00/hr	$0.83	$2.08	$4.17	$6.25	$8.33
$30.00/hr	$1.00	$2.50	$5.00	$7.50	$10.00
$35.00/hr	$1.17	$2.92	$5.83	$8.75	$11.67
$40.00/hr	$1.33	$3.33	$6.67	$10.00	$13.33
$45.00/hr	$1.50	$3.75	$7.50	$11.25	$15.00
$50.00/hr	$1.67	$4.17	$8.33	$12.50	$16.67
$55.00/hr	$1.83	$4.58	$9.17	$13.75	$18.33
$60.00/hr	$2.00	$5.00	$10.00	$15.00	$20.00
$65.00/hr	$2.17	$5.42	$10.83	$16.25	$21.67
$70.00/hr	$2.33	$5.83	$11.67	$17.50	$23.33
$75.00/hr	$2.50	$6.25	$12.50	$18.75	$25.00

Sioux Chief Manufacturing

Limited Lifetime Warranty

Warranty

Sioux Chief Mfg. Co., Inc. ("Seller" or "the Seller") warrants its products to be free from defects in material and workmanship under normal usage for the lifetime of the plumbing system in which they were originally incorporated. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge. This remedy shall be effective only if the product was installed in accordance with supplied instructions, common installation or use practices and existing building and plumbing codes and legal requirements; has not been subjected to misuse or abuse; was at all times used in a manner consistent with its intended use; was at all times used in installations and environments acceptable to its material and design specifications; or any express conditions or requirements laid out in company installation instructions, manuals, tech bulletins, special labeling, precautions, as well as other instructional documents and product limitations of use; was never modified, altered or repaired by anyone other than the Seller; was properly subjected to and passed common testing methods (including pressure testing for potable water and drainage systems) immediately after the product's installation and before the product is put into service, was not damaged by freezing temperatures or excessive heats outside normal working or any express working range of the product; was not subjected to or exposed to direct or indirect chemical exposures; was not subjected to corrosion from atmospheric or environmental degradation (including UV exposure, brackish water, acidic water (pH <6.5), alkaline water (pH >8), contaminated soils, etc.), and was protected from natural causes; was never subjected to improper protection during installation and was handled with all precautions expressly written within company limitation documents or known to the industry; was not subjected to water pressures and flow conditions outside the working limits of the product; was not subject to adverse or aggressive water conditions (during testing, through stagnation or within service life (where service-life is defined by this warranty)) and where any express water condition included within company documents is avoided; and all handling was performed in a manner consistent and known to the industry or taught through company documents, labels, websites, manuals, etc. In addition, Seller shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, chemical or any other circumstances over which the Seller has no control. This warranty excludes all costs arising from routine maintenance, including the replacement of any parts required by such maintenance and the replacement of parts required by normal wear and tear. The Seller also reserves the right to modify, alter or improve its product, or parts thereof, at any time without incurring an obligation to notify or modify, alter, improve or replace any product, or parts thereof, previously sold. If, on any occasion, Seller waives any term or condition, this waiver is not to be construed as a continuing waiver. For the purposes of this warranty, the lifetime of the original plumbing system is defined as the lesser of 25 years or the time before the plumbing system was replaced or materially changed; all products with automatically or manually moving parts are excluded from the limited lifetime warranty and carry a 3-year limited warranty, subject to the remaining terms, conditions and limitations of the warranty. Some States do not allow or have other parameters governing limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights. THE WARRANTY SET FORTH HEREIN ABOVE AND BELOW IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE COMPANY WITH RESPECT TO THE PRODUCT. THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE COMPANY HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Terms & Conditions

All sales are subject to the Standard Terms and Conditions set forth on Sioux Chief's website at www.siouxchief.com. These terms include the following:

Return Merchandise

No merchandise can be returned without Seller's prior written authorization. All returns must comply with the guidelines established below.

Return Merchandise & Warranty Service

In order to return product/merchandise or receive warranty service, Buyer must first obtain a Return Merchandise Authorization ("RMA") by contacting Seller using the following information:

MAIL: Customer Service Manager
Sioux Chief Manufacturing Company, Inc.
14940 Thunderbird Road
Kansas City, Missouri 64147
PHONE: 816-425-9900 / 1-800-821-3944
FAX: 816-348-7502 / 1-800-758-5950
EMAIL: info@siouxchief.com

Return Merchandise Procedure

All merchandise returns and warranty claims are subject to the following general terms and conditions:

RMA requests must reference Seller's order number, invoice number or the customer's P.O. number.

Minimum return amount must be $250 net value per purchase order.

Product returns can only be made within twelve (12) months of the original invoice date of the product to Buyer.

Seller reserves the right, at its sole and absolute discretion, to reject an RMA request for any reason at any time.

In order to be received and accepted by Seller, all returned product must be in whole multiples of the Minimum Quantity listed in the current Price Index and material must be in its original packaging with manufacturer's seal intact.

Products which are being phased-out, are obsolete, or were special-order (custom) are not considered normal stock. These items are non-returnable and non-refundable, except in the case of a manufacturer's defect.

Buyer will be charged 25% of the applicable return price for product restocking. For Drainage items having one or more listed option, Buyer will be charged 33% of the applicable return price for product restocking, and will apply to canceled orders that have been entered but not shipped.

An RMA is invalid 90 days after its date of issue.

Seller will only supply product credit for a product return or warranty claim. Issuance of an RMA does not authorize the Buyer to deduct the value of the returned item; once product is received and accepted by Seller, Seller will issue a credit memo for the returned product when applicable.

All product returns are subject to inspection and acceptance by Seller at its discretion.

Seller reserves the right to deny, nullify or cancel an RMA at its discretion.

Product returned without a Return Merchandise Authorization number will be destroyed without credit.

Seller shall not be responsible for shipping errors and shortages reported 5 days after receipt of material.

Seller shall not be responsible for shipment shortages that are signed for as clear. Any shipment that appears to be damaged in shipping must be noted when signing for receipt of delivery.

Full Freight Allowance

Sioux Chief will pay freight on all orders to single destinations totaling at least $4,000 Net to locations within the 48 contiguous states (United States of America), at least $7,500 Net to locations within Hawaii, Alaska, and Puerto Rico, and at least $3,500 CAD Net to locations within Canada. Sioux Chief will pay freight on HydroTec™ and HydroBlock™ trench drain orders of at least $5,000 Net to locations with the 48 contiguous states.

Warranty Procedure - Product & Property

All claims for property or other damage are subject to the following additional terms and procedure:

If there is a warranty claim on a part that involves property or other damage, Seller should be contacted by phone or in writing directly following the loss, and in no case later than 15 days of the date of alleged claim or failure and before any remediation or alteration of the loss site has been started; any notice beyond this time frame or after work has taken place to repair or change the loss site will materially affect the Seller's ability to adjudicate the claim and will void the warranty.

The product in claim and/or its installation should not be modified before review by Seller; alteration of the alleged product or installation materially affects the Seller's ability to establish fault and voids the warranty.

Request a claim form. Submit the completed form to the Seller. Claimant will receive an INC (incident) number from Seller.

With the INC number, claimant should submit the claim form, including the date of the installation, description of problem, damage, pictures of the product, and repair invoices. This information should be sent to the above address at claimant's expense. Seller will not receive or process a claim without an INC number.

Seller will contact claimant with next steps, which may include a visit from a site investigator or other representatives of Seller, as Seller reserves the right to investigate all alleged loss sites.

Processing of Orders

All orders are processed immediately upon receipt and acceptance by Seller. Seller reserves the right to charge back to Buyer costs incurred from order cancellations or changes, and to consider additions as separate orders.

Unless provided in writing by Seller, any dates and/or times quoted by Seller for the delivery of any goods or the performance of any services are estimates and Seller will not be held responsible for any delay. Buyer's receipt of goods or acceptance of services shall constitute a waiver of any claim for delay.

If Buyer requires expedited shipment of "in stock" goods prior to stated lead times on said order, Buyer will be charged $100.00 (USD) for any 'expedited' shipping on items up to $1,000.00 (USD) net, and $100.00 (USD) + 2% of net for any 'expedited' shipping on items over $1,000.00 (USD) net.

Price Changes

All prices quoted from time to time by Seller are subject to change without notice up to time of shipment. Invoice totals and discounts will be calculated out to the sixth decimal digit.

If Buyer fails to give written notice of objection to Sioux Chief's order confirmation within ten (10) days after Buyer's receipt of Sioux Chief's confirmation of the purchase order, the order confirmation pricing becomes binding.

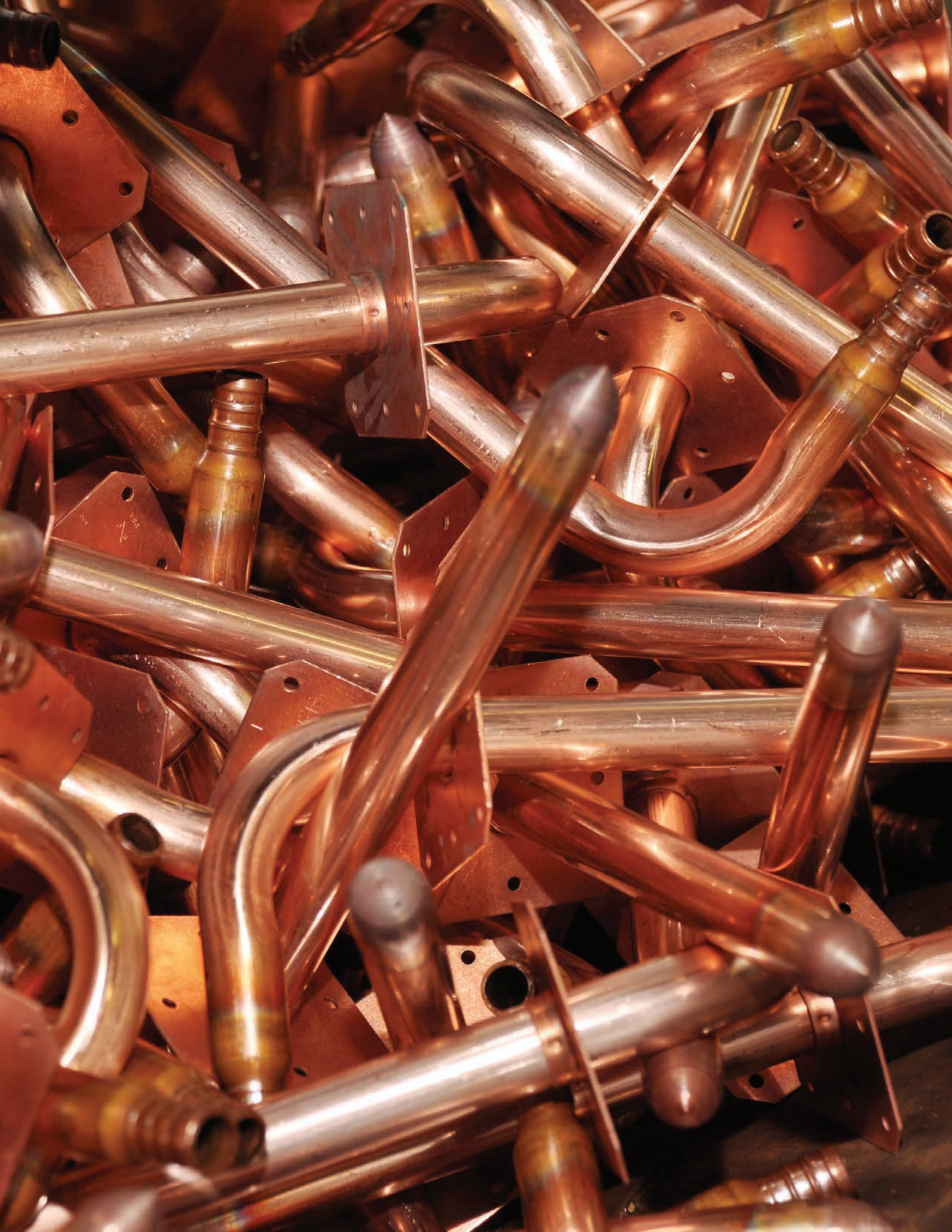
Minimum Order Quantities

Orders for less than $550 net will be billed at the highest multiplier level. Specification Drainage items on orders of less than $550 net will be subject to a 5% surcharge.

A 20% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop-ship orders.

Items with bold Minimum Quantities in the Numerical Index (back of catalog) can never be broken.

PEX tube bundles (sticks) can be shipped in any quantity when freight is paid by customer. Rules for freight-paid orders are based on destination. Generally, for routes taking 3 days or more, PEX tube bundles may only be included on orders of $40,000 Net or more; For 2-day routes, on orders of $30,000 Net or more; For 1-day routes, on orders of $20,000 Net or more; For local/pick-up, on orders of $10,000 Net or more. In all cases, if less than 10 bundles are ordered, Sioux Chief will apply a $100 surcharge to the line. Consult your local Rep for requirements in your area. Coils may be ordered in any quantity, and on orders of any amount.



TAKE THE FIELD.

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