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REFRIGERATION SERVICE



TYPE ACR

Copper tube pressurized with nitrogen provides maximum protection against the formation of harmful oxides generated during brazing operations. ACR tube used in the Refrigeration & Air Conditioning Industry is L type tube that is cleaned and capped and specified by the OD

ACR type seamless copper tubing is available cleaned, capped and charged with nitrogen in sizes 3/8" OD thru 3 1/8" OD. Available cleaned, capped, but not charged to 4 1/8" OD.

OD sizes 3/8" through 1 3/8" are suitable for use with R410A.

PRICED PER FOOT

Part No.	OD (In.)	Wall Thickness (In.)	Length (Ft.)	Weight/Ft (Lbs.)	Price
14ACR10	1/4	0.025	10.0	0.0685	☎
14TCT ¹	1/4	0.025	20.0	0.0685	☎
38ACR10	3/8	0.03	10.0	0.126	☎
38ACR	3/8	0.03	20.0	0.126	☎
12ACR10	1/2	0.035	10.0	0.198	☎
12ACR	1/2	0.035	20.0	0.198	☎
58ACR10	5/8	0.04	10.0	0.285	☎
58ACR	5/8	0.04	20.0	0.285	☎
34ACR10	3/4	0.042	10.0	0.362	☎
34ACR	3/4	0.042	20.0	0.362	☎
78ACR10	7/8	0.045	10.0	0.455	☎
78ACR	7/8	0.045	20.0	0.455	☎
118ACR10	1 1/8	0.05	10.0	0.655	☎
118ACR	1 1/8	0.05	20.0	0.655	☎
138ACR10	1 3/8	0.055	10.0	0.884	☎
138ACR	1 3/8	0.055	20.0	0.884	☎
158ACR10	1 5/8	0.06	10.0	1.14	☎
158ACR	1 5/8	0.06	20.0	1.14	☎
218ACR10	2 1/8	0.07	10.0	1.75	☎
218ACR	2 1/8	0.07	20.0	1.75	☎
258ACR	2 5/8	0.08	20.0	2.48	☎
318ACR	3 1/8	0.09	20.0	3.33	☎
358ACR	3 5/8	0.1	20.0	4.29	☎
418ACR	4 1/8	0.11	20.0	5.38	☎
518ACR	5 1/8	0.125	20.0	7.61	☎

¹Not cleaned and capped.



Refrigeration service tube is dehydrated and nitrogen purged sealed copper tube of a consistent fully annealed temper. Tube is manufactured in accordance with ASTM B 280 and ANSI B9.1, refrigeration industry standards. OD sizes 1/8" through 1 1/8" are suitable for use with R410A.

Part No.	OD (In.)	Wall Thickness (In.)	Length (Ft.)	Weight/Coil (Lbs.)	Price
18X50	1/8	0.03	50.0	1.74	☎
316X50	3/16	0.03	50.0	2.88	☎
14X10	1/4	0.03	10.0	0.804	☎
14X30	1/4	0.03	30.0	2.41	☎
14X50	1/4	0.03	50.0	4.02	☎
14X100	1/4	0.03	100.0	8.04	☎
516X10	5/16	0.032	10.0	1.09	☎
516X30	5/16	0.032	30.0	3.27	☎
516X50	5/16	0.032	50.0	5.45	☎
516X100	5/16	0.032	100.0	10.9	☎
38X10	3/8	0.032	10.0	1.34	☎
38X30	3/8	0.032	30.0	4.02	☎
38X50	3/8	0.032	50.0	6.7	☎
38X100	3/8	0.032	100.0	13.4	☎
12X10	1/2	0.032	10.0	1.82	☎
12X30	1/2	0.032	30.0	5.46	☎
12X50	1/2	0.032	50.0	9.1	☎
12X100	1/2	0.032	100.0	18.2	☎
58X10	5/8	0.035	10.0	2.51	☎
58X30	5/8	0.035	30.0	7.53	☎
58X50	5/8	0.035	50.0	12.55	☎
58X100	5/8	0.035	100.0	25.1	☎
34X10	3/4	0.035	10.0	3.05	☎
34X30	3/4	0.035	30.0	9.15	☎
34X50	3/4	0.035	50.0	15.25	☎
34X100	3/4	0.035	100.0	30.5	☎
78X10	7/8	0.045	10.0	4.55	☎
78X30	7/8	0.045	30.0	13.65	☎
78X50	7/8	0.045	50.0	22.75	☎
78X100	7/8	0.045	100.0	45.5	☎
118X50	1 1/8	0.05	50.0	32.75	☎
118X100	1 1/8	0.05	100.0	65.5	☎
138X50	1 3/8	0.055	50.0	44.2	☎
138X100	1 3/8	0.055	100.0	88.4	☎
158X50	1 5/8	0.06	50.0	57.0	☎
158X100	1 5/8	0.06	100.0	114.0	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

WATER SERVICE



TYPE L

L type tube is used in the Plumbing Industry for water service and is specified by its nominal ID dimension. PRICED PER FOOT

Part No.	Nominal ID (In.)	OD (In.)	Wall Thickness (In.)	Weight/Ft (Lbs.)	Price
12LCOPPER	1/2	5/8	0.04	0.285	☎
34LCOPPER	3/4	7/8	0.045	0.455	☎
1LCOPPER	1	1 1/8	0.05	0.655	☎
114LCOPPER	1-1/4	1 3/8	0.055	0.884	☎
112LCOPPER	1-1/2	1 5/8	0.06	1.14	☎
2LCOPPER	2	2 1/8	0.07	1.75	☎
212LCOPPER	2-1/2	2 5/8	0.08	2.48	☎
3LCOPPER	3	3 1/8	0.09	3.33	☎
4LCOPPER	4	4 1/8	0.11	5.38	☎
5LCOPPER	5	5 1/8	0.125	7.61	☎
6LCOPPER	6	6 1/8	0.122	10.2	☎



TYPE K

K type copper, traditionally used in underground service, is heavier walled than L tube. It is used in underground water service and oxygen service. It could be specified by OD or ID. So, please specify exact dimension. Cleaned for oxygen service to

ASTM B819 specifications. 20' length standard
OD sizes 3/8" through 2 5/8" are suitable for use with R410A.
PRICED PER FOOT

Part No.	Nominal ID (In.)	OD (In.)	Wall Thickness (In.)	Weight/Ft (Lbs.)	Price
38KACR	1/4	3/8	0.035	0.145	☎
12KACR	3/8	1/2	0.049	0.269	☎
58KACR	1/2	5/8	0.049	0.344	☎
34KACR	5/8	3/4	0.049	0.418	☎
78KACR	3/4	7/8	0.065	0.641	☎
118KACR	1	1 1/8	0.065	0.839	☎
138KACR	1-1/4	1 3/8	0.065	1.04	☎
158KACR	1-1/2	1 5/8	0.072	1.36	☎
218KACR	2	2 1/8	0.083	2.06	☎
258KACR	2-1/2	2 5/8	0.095	2.93	☎
318KACR	3	3 1/8	0.109	4.0	☎



TYPE M

M type copper, is thin walled, low cost tube that is used in water service and drain. It is specified by nominal ID PRICED PER FOOT

Part No.	Nominal ID (In.)	OD (In.)	Wall Thickness (In.)	Weight/Ft (Lbs.)	Price
12M	1/2	5/8	0.028	0.204	☎
58MCOPPER	5/8	3/4	0.03	0.263	☎
34M	3/4	7/8	0.032	0.328	☎
1M	1	1 1/8	0.035	0.465	☎
114M	1-1/4	1 3/8	0.042	0.682	☎
112M	1-1/2	1 5/8	0.049	0.94	☎
2M	2	2 1/8	0.058	1.46	☎
212M	2-1/2	2 5/8	0.065	2.03	☎
3M	3	3 1/8	0.072	2.68	☎
4M	4	4 1/8	0.095	4.66	☎
5M	5	5 1/8	0.109	6.66	☎
6M	6	6 1/8	0.122	8.92	☎

PRE-INSULATED SUCTION LINE



- Does not include liquid line
- Insulation wall thickness available: 3/8, 1/2, 3/4 inch



Part No.	Tube Size (In.)	Wall Thickness (In.)	Length (Ft.)	Price
14X12X50ISL	1/4	0.5	50.0	☎
14X1X50ISL	1/4	1	50.0	☎
14X1X50ISL-C	1/4	1	50.0	☎
14X1X100ISL-C	1/4	1	100.0	☎
14X12X50ISL-C ¹	1/4	0.5	50.0	☎
14X12X100ISL-C ¹	1/4	0.5	100.0	☎
14X34X50ISL-C ¹	1/4	0.75	50.0	☎
14X34X100ISL-C ¹	1/4	0.75	100.0	☎
12X12X50ISL	1/2	0.5	50.0	☎
38X12X50ISL	3/8	0.5	50.0	☎
12X34X50ISL-C ¹	1/2	0.75	50.0	☎
12X34X100ISL-C ¹	1/2	0.75	100.0	☎
12X12X50ISL-C	1/2	0.5	50.0	☎
12X12X100ISL-C	1/2	0.5	100.0	☎
12X1X50ISL	1/2	1	50.0	☎
38X1X50ISL	3/8	1	50.0	☎
12X1X50ISL-C	1/2	1	50.0	☎
38X1X50ISL-C	3/8	1	50.0	☎
12X1X100ISL-C	1/2	1	100.0	☎
38X1X100ISL-C	3/8	1	100.0	☎

Continued...

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

PREINSULATED SUCTION LINE

PRE-INSULATED SUCTION LINE (CONT'D.)

Part No.	Tube Size (In.)	Wall Thickness (In.)	Length (Ft.)	Price
58X50ISL	5/8	0.375	50.0	☎
58X12X50ISL	5/8	0.5	50.0	☎
58X12X50ISL-C	5/8	0.5	50.0	☎
58X12X100ISL-C	5/8	0.5	100.0	☎
58X1X50ISL	5/8	1	50.0	☎
58X1X50ISL-C	5/8	1	50.0	☎
58X1X100ISL-C	5/8	1	100.0	☎
58X34X50ISL	5/8	0.75	50.0	☎
58X34X50ISL-C	5/8	0.75	50.0	☎
58X34X100ISL-C	5/8	0.75	100.0	☎
34X50ISL	3/4	0.375	50.0	☎
34X12X50ISL	3/4	0.5	50.0	☎
34X12X50ISL-C	3/4	0.5	50.0	☎
34X12X100ISL-C	3/4	0.5	100.0	☎
38X12X50ISL-C ¹	3/4	0.5	50.0	☎
38X12X100ISL-C ¹	3/4	0.5	100.0	☎
38X34X50ISL-C ¹	3/8	0.75	50.0	☎
38X34X100ISL-C ¹	3/8	0.75	100.0	☎
34X34X50ISL	3/4	0.75	50.0	☎
34X34X50ISL-C	3/4	0.75	50.0	☎
34X34X100ISL-C	3/4	0.75	100.0	☎
34X1X50ISL	3/4	1	50.0	☎
34X1X50ISL-C	3/4	1	50.0	☎
34X1X100ISL-C	3/4	1	100.0	☎
78X50ISL	7/8	0.375	50.0	☎
78X12X50ISL	7/8	0.5	50.0	☎
78X12X50ISL-C	7/8	0.5	50.0	☎
78X12X100ISL-C	7/8	0.5	100.0	☎
78X1X50ISL-C	7/8	1	50.0	☎
78X1X100ISL-C	7/8	1	100.0	☎
78X34X50ISL	7/8	0.75	50.0	☎
78X1X50ISL	7/8	1	50.0	☎
78X34X50ISL-C	7/8	0.75	50.0	☎
78X34X100ISL-C	7/8	0.75	100.0	☎
118X50ISL	1 1/8	0.375	50.0	☎
118X12X50ISL	1 1/8	0.5	50.0	☎
118X34X50ISL	1 1/8	0.75	50.0	☎
118X1X50ISL	1 1/8	1	50.0	☎

¹Coated insulation

PRE-INSULATED LINE SET



Streamline Line Sets are now available with our DuraGuard Tear-Resistant Insulation. This unique polyethylene insulation has a tough, tear resistant outer layer which protects the line set and its insulation during rough job site handling and tight-space remodel/replacement projects.

- 10 year warranty
- Tear resistant outer layer
- Meets 25/50 flame and smoke rating per ASTM E8
- Numbered every foot for easy measurement
- Mold and mildew resistant
- Increased condensation control



Part No.	OD (In.)	Wall Thickness (In.)	Length (Ft.)	Weight (Lbs.)	Price
00470500	1/4	0.5	50.0	4.02	☎
00490500	1/4	0.75	50.0	4.02	☎
00670500	3/8	0.5	50.0	6.7	☎
00690500	3/8	0.75	50.0	6.7	☎
00870500	1/2	0.5	50.0	9.1	☎
00890500	1/2	0.75	50.0	9.1	☎
01070500	5/8	0.5	50.0	12.55	☎
01270500	3/4	0.5	50.0	15.24	☎
01271000	3/4	0.5	100.0	31.0	☎
01290500	3/4	0.75	50.0	15.24	☎
01470500	7/8	0.5	50.0	22.75	☎
01471000	7/8	0.5	100.0	46.0	☎
01090500	5/8	0.75	50.0	12.55	☎
00471640	1/4	0.5	164.0	13.19	☎
00671640	3/8	0.5	164.0	21.98	☎
00871640	1/2	0.5	164.0	29.85	☎
01071640	5/8	0.5	164.0	41.16	☎



- Includes insulated suction line and non-insulated liquid line.
- Insulation wall thickness 3/8" or 3/4"
- Suitable for use with R410A

Part No.	Liquid Line OD (In.)	Suction Line OD (In.)	Wall Thickness (In.)	Length (Ft.)	Price
61030-1/2	3/8	5/8	0.5	30.0	☎
61030-3/4	3/8	5/8	0.75	30.0	☎
61050-1/2	3/8	5/8	0.5	50.0	☎
61050-3/4	3/8	5/8	0.75	50.0	☎
61225-1/2	3/8	3/4	0.5	25.0	☎
61230-3/4	3/8	3/4	0.75	30.0	☎
61235-1/2	3/8	3/4	0.5	35.0	☎
61230-1/2	3/8	3/4	0.5	30.0	☎
61250-1/2	3/8	3/4	0.5	50.0	☎
61425-1/2	3/8	7/8	0.5	25.0	☎

Continued...

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

PRE-INSULATED LINE SET (CONT'D.)

Part No.	Liquid Line OD (In.)	Suction Line OD (In.)	Wall Thickness (In.)	Length (Ft.)	Price
61430-1/2	3/8	7/8	0.5	30.0	
61250-3/4	3/8	3/4	0.75	50.0	
61250-1	3/8	3/4	1	50.0	
61430-3/4	3/8	7/8	0.75	30.0	
61450-1/2	3/8	7/8	0.5	50.0	
61450-3/4	3/8	7/8	0.75	50.0	
61450-1	3/8	7/8	1	50.0	
61830-1/2	3/8	1-1/8	0.5	30.0	
61850-1/2	3/8	1-1/8	0.5	50.0	
61850-3/4	3/8	1-1/8	0.75	50.0	
61850-1	3/8	1-1/8	1	50.0	

LINE SET WITH POWER CABLE



WALL THICKNESS, 1/2"

Mini-split line set kits with tube and insulation pre-assembled and packaged with pre-cut cable

- 14-4 Cable (unless otherwise noted)
- Stranded bare copper THHN conductors

- Sunlight resistant
- RoHS compliant, black PVC Jacket
- 600V
- R410A rated
- Insulation: closed-cell construction ensures excellent thermal conductivity, prevents mold and mildew and fire resistant
- 25/50 rating
- UL Listed

Part No.	Liquid Line OD (In.)	Suction Line OD (In.)	Wall Thickness (In.)	Length (Ft.)	Price
MSLS141214425-1/2	1/4	1/2	0.5	25.0	
MSLS141214450-1/2	1/4	1/2	0.5	50.0	
MSLS143814425-1/2	1/4	3/8	0.5	25.0	
MSLS143814450-1/2	1/4	3/8	0.5	50.0	
MSLS145814425-1/2	1/4	5/8	0.5	25.0	
MSLS145814450-1/2	1/4	5/8	0.5	50.0	
MSLS385814425-1/2	3/8	5/8	0.5	25.0	
MSLS385814450-1/2	3/8	5/8	0.5	50.0	
MSLS141225-1/2 ¹	1/4	1/2	0.5	25.0	
MSLS141250-1/2 ¹	1/4	1/2	0.5	50.0	
MSLS143825-1/2 ¹	1/4	3/8	0.5	25.0	
MSLS143850-1/2 ¹	1/4	3/8	0.5	50.0	
MSLS145825-1/2 ¹	1/4	5/8	0.5	25.0	
MSLS145850-1/2 ¹	1/4	5/8	0.5	50.0	
MSLS385825-1/2 ¹	3/8	5/8	0.5	25.0	
MSLS385850-1/2 ¹	3/8	5/8	0.5	50.0	
MSLS141214425-3/4	1/4	1/2	0.75	25.0	
MSLS141214450-3/4	1/4	1/2	0.75	50.0	
MSLS143814425-3/4	1/4	3/8	0.75	25.0	
MSLS143814450-3/4	1/4	3/8	0.75	50.0	

Continued...

WALL THICKNESS, 1/2" (CONT'D.)

Part No.	Liquid Line OD (In.)	Suction Line OD (In.)	Wall Thickness (In.)	Length (Ft.)	Price
MSLS145814425-3/4	1/4	5/8	0.75	25.0	
MSLS145814450-3/4	1/4	5/8	0.75	50.0	
MSLS385814425-3/4	3/8	5/8	0.75	25.0	
MSLS385814450-3/4	3/8	5/8	0.75	50.0	

¹No Cable

EXTRA HIGH PERFORMANCE COPPER TUBE & FITTINGS

Mueller Industries' Streamline® XHP system consists of copper-iron alloy tube and fittings specially designed to manage the extended high pressures and broad temperature fluctuations associated with modern refrigerants. Ideally suited for commercial CO refrigeration applications, this technically advanced tubing is a more practical alternative to steel piping due in part to familiar copper properties and the traditional joining method of brazing.



TUBING

- 1885 PSI - Alloy C194 (CuFe2P)
- ACR Cleaning Process
- High Corrosion Resistance
- Traditional Braze Joining
- Magnetic Identification
- Green Caps
- XHP

Tube is Made in USA
PRICED PER FOOT



Part No.	OD (In.)	Length (Ft.)	Weight/Ft (Lbs.)	Price
130X02020	3/8	20.0	0.11	
130X03020	1/2	20.0	0.2	
130X04020	5/8	20.0	0.31	
130X06020	7/8	20.0	0.6	
130X10020	1 1/8	20.0	0.9967	
130X12020	1 3/8	20.0	1.4883	
130X14020	1 5/8	20.0	2.0781	
130X20010	2 1/8	10.0	35.5	



X01047

COUPLING, ROLLED STOP



Part No.	OD (In.)	Price
X01047	1 1/8	

TUBE, INSULATION, FITTINGS

XHP SYSTEM

EXTRA HIGH PERFORMANCE COPPER TUBE & FITTINGS



COUPLING, STAKED STOP



Part No.	OD (In.)	Price
X10146	7/8	☎
X10147	1 1/8	☎
X10148	1 3/8	☎
X10149	1 5/8	☎



COUPLING REDUCER



Part No.	OD 1 (In.)	OD 2 (In.)	Price
X10149	1 1/8	7/8	☎
X10156	1 3/8	1 1/8	☎
X10164	1 5/8	1 3/8	☎



FITTING REDUCER



Part No.	OD 1 (In.)	OD 2 (In.)	Price
X01343	1 3/8	1 1/8	☎
X01350	1 5/8	1 3/8	☎



90° ELBOW



Part No.	OD (In.)	Price
X02847	1 1/8	☎
X02355	1 5/8	☎



90° ELBOW LONG RADIUS



Part No.	OD (In.)	Price
X02734	7/8	☎
X02747	1 1/8	☎
X02063	1 5/8	☎



90° ELBOW LONG RADIUS STREET



Part No.	OD (In.)	Price
X02834	7/8	☎



TEE



Part No.	OD (In.)	Price
X04048	1 1/8	☎
X04068	1 3/8	☎
X04084	1 5/8	☎

EXPANDED ELASTOMER



A flexible elastomeric thermal insulation, supplied in cylindrical lengths in nominal wall thicknesses of 3/8", 1/2", 3/4", 1" and 2". The expanded closed-cell structure of pipe insulation makes it an efficient insulator, effectively retards the flow of moisture vapor and is considered a low-transmittance vapor retarder.

This insulation consistently provides actual values on these key performance criteria for mechanical system insulation: thermal conductivity: approx. 0.27; water vapor transmission: approx. 0.10. Pipe insulation, in 3/8", 1/2", 3/4", 1" and 2" thicknesses has a flame spread rating of 25 or less and a smoke-developed rating of 50 or less as tested by ASTM E 84-91A, Methods of Test for Surface Burning Characteristics of Building Materials.

Used to retard heat gain and control condensation drip from cold-water plumbing, chilled-water, and refrigeration lines. It also efficiently reduces heat flow for hot-water plumbing and liquid heating and dual-temperature piping. The recommended temperature usage range -70°F to +220°F (-57°C to 105°C)

- Copper tubing and iron pipe sizes are recommended
- Sold in 6 foot lengths; priced per foot

Line Temperature		Insulation Thickness - Nominal (In.)			
		50°F	32°F	0°F	-20°F
Design Conditions	Tubing Size (In.)				
Normal	3/8 to 1 1/8 ID	3/8	1/2	3/4	1
89°F, 70% RH max	1 1/8 to 2 1/8 ID	3/8	1/2	1	1
	2 1/8 to 2 5/8 ID	3/8	1/2	1	1 1/4
	2 5/8 ID to 5 IPS	1/2	3/4	1	1 1/4
Mild	3/8 to 2 5/8 ID	3/8	3/8	1/2	3/4
80°F, 50% RH max	2 5/8 ID to 5 IPS	1/2	1/2	1/2	3/4
Severe	3/8 to 1 5/8 ID	3/4	1	1 1/2	1 1/2
90°F, 80% RH max	1 5/8 ID to 3 IPS	3/4	1	1 1/2	1 3/4
	3 IPS to 5 IPS	3/4	1	1 1/2	2

Normal: Indoor conditions in the United States seldom exceed these conditions.

Mild: Most air conditioned spaces and arid climates.

Severe: Excessive moisture introduced or poorly ventilated confined areas below ambient.

Thickness over 1" achieved by layering.

UNSLIT 1/4" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Price
		Nom. Size	OD Size	
38X14	3/8	1/4	3/8	☎

UNSLIT 3/8" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
14X38	1/4	1/8	1/4	—	☎
38X38	3/8	1/4	3/8	—	☎
12X38	1/2	3/8	1/2	1/4	☎
58X38	5/8	1/2	5/8	3/8	☎
34X38	3/4	5/8	3/4	—	☎
78X38	7/8	3/4	7/8	1/2	☎
118X38	1 1/8	1	1 1/8	3/4	☎
138X38	1 3/8	1 1/4	1 3/8	1	☎

Continued...

UNSLIT 3/8" WALL (CONT'D.)

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
158X38	1 5/8	1 1/2	1 5/8	1-1/4	☎
178X38	1 7/8	—	—	1-1/2	☎
218X38	2 1/8	2	2 1/8	—	☎
238X38	2 3/8	—	—	2	☎
258X38	2 5/8	2 1/2	2 5/8	—	☎
318X38	3 1/8	3	3 1/8	—	☎
358X38	3 5/8	—	—	3	☎

UNSLIT 1/2" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
14X12 ¹	1/4	1/8	1/4	—	☎
38X12 ¹	3/8	1/4	3/8	—	☎
12X12 ¹	1/2	3/8	1/2	1/4	☎
58X12 ¹	5/8	1/2	5/8	3/8	☎
34X12 ¹	3/4	5/8	3/4	—	☎
78X12 ¹	7/8	3/4	7/8	1/2	☎
118X12 ¹	1 1/8	1	1 1/8	3/4	☎
138X12 ¹	1 3/8	1 1/4	1 3/8	1	☎
158X12 ¹	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X12 ¹	2 1/8	2	2 1/8	—	☎
258X12 ¹	2 5/8	2 1/2	2 5/8	—	☎
278X12 ¹	2 7/8	—	—	2-1/2	☎
318X12 ¹	3 1/8	3	3 1/8	—	☎
312X12 ¹	3 1/2	—	—	3	☎
358X12 ¹	3 5/8	3 1/2	3 5/8	3	☎
418X12 ¹	4 1/8	4	4 1/8	3-1/2	☎

¹6' length

UNSLIT 3/4" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
14X34 ¹	1/4	1/8	1/4	—	☎
38X34 ¹	3/8	1/4	3/8	—	☎
12X34 ¹	1/2	3/8	1/2	1/4	☎
58X34 ¹	5/8	1/2	5/8	3/8	☎
34X34 ¹	3/4	5/8	3/4	—	☎
78X34 ¹	7/8	3/4	7/8	1/2	☎
118X34 ¹	1 1/8	1	1 1/8	3/4	☎
138X34 ¹	1 3/8	1 1/4	1 3/8	1	☎
158X34 ¹	1 5/8	1 1/2	1 5/8	1-1/4	☎
178X34 ¹	1 7/8	—	—	1-1/2	☎
218X34 ¹	2 1/8	2	2 1/8	—	☎
238X34 ¹	2 3/8	—	—	2	☎
212X34 ¹	2-1/2 IPS	—	—	2-1/2	☎
258X34 ¹	2 5/8	2 1/2	2 5/8	—	☎
278X34 ¹	2 7/8	—	—	2-1/2	☎
318X34 ¹	3 1/8	3	3 1/8	—	☎
358X34 ¹	3 5/8	3 1/2	3 5/8	3	☎
418X34 ¹	4 1/8	4	4 1/8	3-1/2	☎

¹6' length

TUBING INSULATION

EXPANDED ELASTOMER

UNSLIT 1" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
14X1 ¹	1/4	1/8	1/4	—	☎
38X1	3/8	1/4	3/8	—	☎
12X1 ¹	1/2	3/8	1/2	1/4	☎
58X1 ¹	5/8	1/2	5/8	3/8	☎
34X1 ¹	3/4	5/8	3/4	—	☎
78X1 ¹	7/8	3/4	7/8	1/2	☎
118X1 ¹	1 1/8	1	1 1/8	3/4	☎
138X1 ¹	1 3/8	1 1/4	1 3/8	1	☎
158X1 ¹	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X1 ¹	2 1/8	2	2 1/8	—	☎
258X1 ¹	2 5/8	2 1/2	2 5/8	—	☎
318X1 ¹	3 1/8	3	3 1/8	—	☎
358X1 ¹	3 5/8	3 1/2	3 5/8	3	☎
418X1 ¹	4 1/8	4	4 1/8	3-1/2	☎

¹6' length



UNSLIT 1/2" WALL WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X12WT ¹	3/8	1/4	3/8	—	☎
12X12WT ¹	1/2	3/8	1/2	1/4	☎
58X12WT ¹	5/8	1/2	5/8	3/8	☎
34X12WT ¹	3/4	5/8	3/4	—	☎
78X12WT ¹	7/8	3/4	7/8	1/2	☎
118X12WT ¹	1 1/8	1	1 1/8	3/4	☎
138X12WT ¹	1 3/8	1 1/4	1 3/8	1	☎
158X12WT ¹	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X12WT ¹	2 1/8	2	2 1/8	—	☎
258X12WT ¹	2 5/8	2 1/2	2 5/8	—	☎
318X12WT ¹	3 1/8	3	3 1/8	—	☎

¹6' length

UNSLIT, 1 1/2" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X112	3/8	1/4	3/8	—	☎
58X112	5/8	1/2	5/8	3/8	☎
34X112	3/4	5/8	3/4	—	☎
78X112	7/8	3/4	7/8	1/2	☎
12X112	1/2	3/8	1/2	1/4	☎
118X112	1 1/8	1	1 1/8	3/4	☎
138X112	1 3/8	1 1/4	1 3/8	1	☎
158X112	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X112	2 1/8	2	2 1/8	—	☎
258X112	2 5/8	2 1/2	2 5/8	—	☎
318X112	3 1/8	3	3 1/8	—	☎
358X112	3 5/8	3 1/2	3 5/8	3	☎
418X112	4 1/8	4	4 1/8	3-1/2	☎

UNSLIT 3/4" WALL WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
12X34WT ¹	1/2	3/8	1/2	1/4	☎
58X34WT ¹	5/8	1/2	5/8	3/8	☎
34X34WT ¹	3/4	5/8	3/4	—	☎
78X34WT ¹	7/8	3/4	7/8	1/2	☎
118X34WT ¹	1 1/8	1	1 1/8	3/4	☎
138X34WT ¹	1 3/8	1 1/4	1 3/8	1	☎
158X34WT ¹	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X34WT ¹	2 1/8	2	2 1/8	—	☎
258X34WT ¹	2 5/8	2 1/2	2 5/8	—	☎
318X34WT ¹	3 1/8	3	3 1/8	—	☎
358X34WT ¹	3 5/8	3 1/2	3 5/8	3	☎
418X34WT ¹	4 1/8	4	4 1/8	—	☎

¹6' length

UNSLIT, 2" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
58X2	5/8	1/2	5/8	3/8	☎
78X2	7/8	3/4	7/8	1/2	☎
118X2	1 1/8	1	1 1/8	3/4	☎
138X2	1 3/8	1 1/4	1 3/8	1	☎
218X2	2 1/8	2	2 1/8	—	☎
318X2	3 1/8	3	3 1/8	—	☎
358X2	3 5/8	3 1/2	3 5/8	—	☎

UNSLIT 1" WALL WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
12X1WT ¹	1/2	3/8	1/2	1/4	☎
58X1WT ¹	5/8	1/2	5/8	3/8	☎
78X1WT ¹	7/8	3/4	7/8	1/2	☎
118X1WT ¹	1 1/8	1	1 1/8	3/4	☎
138X1WT ¹	1 3/8	1 1/4	1 3/8	1	☎
158X1WT ¹	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X1WT ¹	2 1/8	2	2 1/8	—	☎
258X1WT ¹	2 5/8	2 1/2	2 5/8	—	☎
318X1WT ¹	3 1/8	3	3 1/8	—	☎
358X1WT ¹	3 5/8	3 1/2	3 5/8	—	☎
418X1WT ¹	4 1/8	4	4 1/8	—	☎

¹6' length

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

UNSLIT 1 1/2" WALL WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X112WT ¹	3/8	1/4	3/8	—	☎
12X112WT ¹	1/2	3/8	1/2	1/4	☎
58X112WT ¹	5/8	1/2	5/8	3/8	☎
78X112WT ¹	7/8	3/4	7/8	1/2	☎
118X112WT ¹	1 1/8	1	1 1/8	3/4	☎
138X112WT ¹	1 3/8	1 1/4	1 3/8	1	☎
158X112WT ¹	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X112WT ¹	2 1/8	2	2 1/8	—	☎
258X112WT ¹	2 5/8	2 1/2	2 5/8	—	☎
318X112WT ¹	3 5/8	3 1/2	3 1/8	—	☎
418X112WT ¹	4 1/8	4	4 1/8	—	☎
358X112WT	3 5/8	3 1/2	3 5/8	—	☎

¹6' length

UNSLIT 2" WALL WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Wall Thickness (In.)	Price
		Nom. Size	OD Size			
12X2WT ¹	1/2	3/8	1/2	1/4	2	☎
58X2WT ¹	5/8	1/2	5/8	3/8	2	☎
38X2WT	3/8	1/4	3/8	—	—	☎
78X2WT ¹	7/8	3/4	7/8	1/2	2	☎
118X2WT	1 1/8	1	1 1/8	3/4	2	☎
138X2WT ¹	1 3/8	1 1/4	1 3/8	1	2	☎
158X2WT ¹	1 5/8	1 1/2	1 5/8	1-1/4	2	☎
218X2WT ¹	2 1/8	2	2 1/8	—	2	☎
258X2WT ¹	2 5/8	2 1/2	2 5/8	—	2	☎
318X2WT ¹	3 1/8	3	3 1/8	—	2	☎
358X2WT ¹	3 5/8	3 1/2	3 5/8	—	2	☎
418X2WT	4 1/8	4	4 1/8	—	—	☎

¹6' length



PRE-SLIT 3/8" WALL, SELF SEAL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X38SSL	3/8	1/4	3/8	—	☎
58X38SSL	5/8	1/2	5/8	3/8	☎
34X38SSL	3/4	5/8	3/4	—	☎
78X38SSL	7/8	3/4	7/8	1/2	☎
118X38SSL	1 1/8	1	1 1/8	3/4	☎
138X38SSL	1 3/8	1 1/4	1 3/8	1	☎
158X38SSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X38SSL	2 1/8	2	2 1/8	—	☎

PRE-SLIT 1/2" WALL, SELF SEAL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X12SSL	3/8	1/4	3/8	—	☎
12X12SSL	1/2	3/8	1/2	1/4	☎
58X12SSL	5/8	1/2	5/8	3/8	☎
34X12SSL	3/4	5/8	3/4	—	☎
78X12SSL	7/8	3/4	7/8	1/2	☎
118X12SSL	1 1/8	1	1 1/8	3/4	☎
138X12SSL	1 3/8	1 1/4	1 3/8	1	☎
158X12SSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X12SSL	2 1/8	2	2 1/8	—	☎
258X12SSL	2 5/8	2 1/2	2 5/8	—	☎
318X12SSL	3 1/8	3	3 1/8	—	☎

PRE-SLIT 3/4" WALL, SELF SEAL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X34SSL	3/8	1/4	3/8	—	☎
12X34SSL	1/2	3/8	1/2	1/4	☎
58X34SSL	5/8	1/2	5/8	3/8	☎
34X34SSL	3/4	5/8	3/4	—	☎
78X34SSL	7/8	3/4	7/8	1/2	☎
118X34SSL	1 1/8	1	1 1/8	3/4	☎
138X34SSL	1 3/8	1 1/4	1 3/8	1	☎
158X34SSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X34SSL	2 1/8	2	2 1/8	—	☎
258X34SSL	2 5/8	2 1/2	2 5/8	—	☎
318X34SSL	3 1/8	3	3 1/8	—	☎
418X34SSL	4 1/8	4	4 1/8	3 1/2	☎

PRE-SLIT 1" WALL, SELF SEAL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
58X1SSL	5/8	1/2	5/8	3/8	☎
34X1SSL	3/4	5/8	3/4	—	☎
78X1SSL	7/8	3/4	7/8	1/2	☎
118X1SSL	1 1/8	1	1 1/8	3/4	☎
138X1SSL	1 3/8	1 1/4	1 3/8	1	☎
158X1SSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X1SSL	2 1/8	2	2 1/8	—	☎
258X1SSL	2 5/8	2 1/2	2 5/8	—	☎
318X1SSL	3 1/8	3	3 1/8	—	☎
358X1SSL	3 5/8	3 1/2	3 5/8	3	☎
418X1SSL	4 1/8	4	4 1/8	3 1/2	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

TUBING INSULATION

EXPANDED ELASTOMER

PRE-SLIT 1 1/2" WALL, SELF SEAL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
78X112SSL	7/8	3/4	7/8	1/2	☎
118X112SSL	1 1/8	1	1 1/8	3/4	☎
138X112SSL	1 3/8	1 1/4	1 3/8	1	☎
158X112SSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X112SSL	2 1/8	2	2 1/8	—	☎
258X112SSL	2 5/8	2 1/2	2 5/8	—	☎



PRE-SLIT 1/2" WALL, SELF SEAL, WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X12WTSSL	3/8	1/4	3/8	—	☎
12X12WTSSL	1/2	3/8	1/2	1/4	☎
58X12WTSSL	5/8	1/2	5/8	3/8	☎
34X12WTSSL	3/4	5/8	3/4	—	☎
78X12WTSSL	7/8	3/4	7/8	1/2	☎
118X12WTSSL	1 1/8	1	1 1/8	3/4	☎
138X12WTSSL	1 3/8	1 1/4	1 3/8	1	☎
158X12WTSSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X12WTSSL	2 1/8	2	2 1/8	—	☎
258X12WTSSL	2 5/8	2 1/2	2 5/8	—	☎
318X12WTSSL	3 1/8	3	3 1/8	—	☎
418X12WTSSL	4 1/8	4	4 1/8	—	☎

PRE-SLIT 1" WALL, SELF SEAL, WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
58X1WTSSL	5/8	1/2	5/8	3/8	☎
34X1WTSSL	3/4	5/8	3/4	—	☎
78X1WTSSL	7/8	3/4	7/8	1/2	☎
118X1WTSSL	1 1/8	1	1 1/8	3/4	☎
138X1WTSSL	1 3/8	1 1/4	1 3/8	1	☎
158X1WTSSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X1WTSSL	2 1/8	2	2 1/8	—	☎
258X1WTSSL	2 5/8	2 1/2	2 5/8	—	☎
318X1WTSSL	3 1/8	3	3 1/8	—	☎
418X1WTSSL	4 1/8	4	4 1/8	3-1/2	☎

PRE-SLIT 1 1/2" WALL, SELF SEAL, WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
158X112WTSSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X112WTSSL	2 1/8	2	2 1/8	—	☎
118X112WTSSL	1 1/8	1	1 1/8	3/4	☎



COIL INSULATION

Closed cell elastomeric thermal insulation supplied in a continuous length, un-slit. Designed to minimize waste, eliminate joints, facilitate speed and ease of insulation in a compact easy to handle package. Coil insulation has relaxed ID tolerance to accommodate elbows and fittings

 **armacell**

Part No.	Insulation ID (In.)	Wall Thickness (In.)	Length (Ft.)	Price
34X38COIL	3/4	0.375	110.0	☎
78X38COIL	7/8	0.375	95.0	☎
118X38COIL	1 1/8	0.375	75.0	☎
58X12COIL	5/8	0.5	95.0	☎
78X12COIL	7/8	0.5	75.0	☎

PRE-SLIT 3/4" WALL, SELF SEAL, WHITE

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Price
		Nom. Size	OD Size		
38X34WTSSL	3/8	1/4	3/8	—	☎
12X34WTSSL	1/2	3/8	1/2	1/4	☎
58X34WTSSL	5/8	1/2	5/8	3/8	☎
34X34WTSSL	3/4	5/8	3/4	—	☎
78X34WTSSL	7/8	3/4	7/8	1/2	☎
118X34WTSSL	1 1/8	1	1 1/8	3/8	☎
138X34WTSSL	1 3/8	1 1/4	1 3/8	1	☎
158X34WTSSL	1 5/8	1 1/2	1 5/8	1-1/4	☎
218X34WTSSL	2 1/8	2	2 1/8	—	☎
258X34WTSSL	2 5/8	2 1/2	2 5/8	—	☎
318X34WTSSL	3 1/8	3	3 1/8	—	☎
418X34WTSSL	4 1/8	4	4 1/8	3-1/2	☎



ELBOW



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Color	Price
APF03812EL3	0.5	3/8	Black	
APF01212EL3	0.5	1/2	Black	
APF05812EL3	0.5	5/8	Black	
APF07812EL3	0.5	7/8	Black	
APF11812EL3	0.5	1 1/8	Black	
APF13812EL3	0.5	1 3/8	Black	
APF03834EL3	0.75	3/8	Black	
APF01234EL3	0.75	1/2	Black	
APF05834EL3	0.75	5/8	Black	
APF03434EL3	0.75	3/4	Black	
APF07834EL3	0.75	7/8	Black	
APF11834EL3	0.75	1 1/8	Black	
APF13834EL3	0.75	1 3/8	Black	
APF15834EL3	0.75	1 5/8	Black	
APF21834EL3	0.75	2 1/8	Black	
APF25834EL3	0.75	2 5/8	Black	
APF31834EL3	0.75	3 1/8	Black	
APF03810EL3	1	3/8	Black	
APF01210EL3	1	1/2	Black	
APF05810EL3	1	5/8	Black	
APF03410EL3	1	3/4	Black	
APF07810EL3	1	7/8	Black	
APF11810EL3	1	1 1/8	Black	
APF13810EL3	1	1 3/8	Black	
APF15810EL3	1	1 5/8	Black	
APF21810EL3	1	2 1/8	Black	
APF25810EL3	1	2 5/8	Black	
APF31810EL3	1	3 1/8	Black	
APF03815EL3	1.5	3/8	Black	
APF01215EL3	1.5	1/2	Black	
APF05815EL3	1.5	5/8	Black	
APF03415EL3	1.5	3/4	Black	
APF07815EL3	1.5	7/8	Black	
APF11815EL3	1.5	1 1/8	Black	
APF13815EL3	1.5	1 3/8	Black	
APF15815EL3	1.5	1 5/8	Black	
APF21815EL3	1.5	2 1/8	Black	
APF25815EL3	1.5	2 5/8	Black	
APF31815EL3	1.5	3 1/8	Black	
APF35815EL3	1.5	3 5/8	Black	
APF41815EL3	1.5	4 1/8	Black	
APF03812EL3W	0.5	3/8	White	
APF01212EL3W	0.5	1/2	White	
APF05812EL3W	0.5	5/8	White	
APF07812EL3W	0.5	7/8	White	
APF11812EL3W	0.5	1 1/8	White	
APF13812EL3W	0.5	1 3/8	White	

Continued...

ELBOW (CONT'D.)



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Color	Price
APF03834EL3W	0.75	3/8	White	
APF01234EL3W	0.75	1/2	White	
APF05834EL3W	0.75	5/8	White	
APF03434EL3W	0.75	3/4	White	
APF07834EL3W	0.75	7/8	White	
APF11834EL3W	0.75	1 1/8	White	
APF13834EL3W	0.75	1 3/8	White	
APF15834EL3W	0.75	1 5/8	White	
APF21834EL3W	0.75	2 1/8	White	
APF25834EL3W	0.75	2 5/8	White	
APF31834EL3W	0.75	3 1/8	White	
APF03810EL3W	1	3/8	White	
APF01210EL3W	1	1/2	White	
APF05810EL3W	1	5/8	White	
APF03410EL3W	1	3/4	White	
APF07810EL3W	1	7/8	White	
APF11810EL3W	1	1 1/8	White	
APF13810EL3W	1	1 3/8	White	
APF15810EL3W	1	1 5/8	White	
APF03815EL3W	1.5	3/8	White	
APF01215EL3W	1.5	1/2	White	
APF05815EL3W	1.5	5/8	White	
APF03415EL3W	1.5	3/4	White	
APF07815EL3W	1.5	7/8	White	
APF11815EL3W	1.5	1 1/8	White	
APF13815EL3W	1.5	1 3/8	White	
APF15815EL3W	1.5	1 5/8	White	
APF21815EL3W	1.5	2 1/8	White	
APF25815EL3W	1.5	2 5/8	White	
APF31815EL3W	1.5	3 1/8	White	
APF35815EL3W	1.5	3 5/8	White	
APF41815EL3W	1.5	4 1/8	White	



P TRAP, BLACK



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Color	Price
APF01234PT	0.75	1/2	Black	
APF05834PT	0.75	5/8	Black	
APF03434PT	0.75	3/4	Black	
APF07834PT	0.75	7/8	Black	
APF11834PT	0.75	1 1/8	Black	
APF13834PT	0.75	1 3/8	Black	
APF15834PT	0.75	1 5/8	Black	
APF03810PT	1	3/8	Black	
APF01210PT	1	1/2	Black	
APF05810PT	1	5/8	Black	
APF03410PT	1	3/4	Black	

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Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

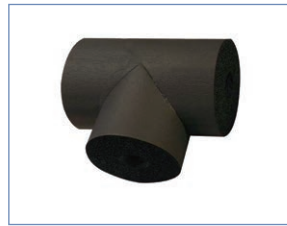
TUBING INSULATION

EXPANDED ELASTOMER

PTRAP, BLACK (CONT'D.)



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Color	Price
APF07810PT	1	7/8	Black	
APF11810PT	1	1 1/8	Black	
APF13810PT	1	1 3/8	Black	
APF15810PT	1	1 5/8	Black	
APF21810PT	1	2 1/8	Black	
APF01215PT	1.5	1/2	Black	
APF03815PT	1.5	3/8	Black	
APF05815PT	1.5	5/8	Black	
APF03415PT	1.5	3/4	Black	
APF07815PT	1.5	7/8	Black	
APF11815PT	1.5	1 1/8	Black	
APF13815PT	1.5	1 3/8	Black	
APF15815PT	1.5	1 5/8	Black	
APF21815PT	1.5	2 1/8	Black	
APF01234PTW	0.75	1/2	White	
APF05834PTW	0.75	5/8	White	
APF03434PTW	0.75	3/4	White	
APF07834PTW	0.75	7/8	White	
APF11834PTW	0.75	1 1/8	White	
APF13834PTW	0.75	1 3/8	White	
APF15834PTW	0.75	1 5/8	White	
APF03810PTW	1	3/8	White	
APF01210PTW	1	1/2	White	
APF05810PTW	1	5/8	White	
APF03410PTW	1	3/4	White	
APF07810PTW	1	7/8	White	
APF11810PTW	1	1 1/8	White	
APF13810PTW	1	1 3/8	White	
APF15810PTW	1	1 5/8	White	
APF01215PTW	1.5	1/2	White	
APF03815PTW	1.5	3/8	White	
APF05815PTW	1.5	5/8	White	
APF03415PTW	1.5	3/4	White	
APF07815PTW	1.5	7/8	White	
APF11815PTW	1.5	1 1/8	White	
APF13815PTW	1.5	1 3/8	White	
APF15815PTW	1.5	1 5/8	White	
APF21815PTW	1.5	2 1/8	White	



TEE, BLACK



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Color	Price
APF01210TEE	1	1/2	Black	
APF05810TEE	1	5/8	Black	
APF07810TEE	1	7/8	Black	
APF11810TEE	1	1 1/8	Black	
APF13810TEE	1	1 3/8	Black	
APF15810TEE	1	1 5/8	Black	
APF01212TEE	0.5	1/2	Black	
APF05812TEE	0.5	5/8	Black	
APF07812TEE	0.5	7/8	Black	
APF11812TEE	0.5	1 1/8	Black	
APF13812TEE	0.5	1 3/8	Black	
APF05834TEE	0.75	5/8	Black	
APF07834TEE	0.75	7/8	Black	
APF11834TEE	0.75	1 1/8	Black	
APF15834TEE	0.75	1 5/8	Black	
APF21815TEE	1.5	2 1/8	Black	
APF25815TEE	1.5	2 5/8	Black	
APF31815TEE	1.5	3 1/8	Black	
APF07810TEEW	1	7/8	White	
APF11810TEEW	1	1 1/8	White	
APF13810TEEW	1	1 3/8	White	
APF15810TEEW	1	1 5/8	White	
APF01212TEEW	0.5	1/2	White	
APF05812TEEW	0.5	5/8	White	
APF07812TEEW	0.5	7/8	White	
APF11812TEEW	0.5	1 1/8	White	
APF13812TEEW	0.5	1 3/8	White	
APF21815TEEW	1.5	2 1/8	White	
APF25815TEEW	1.5	2 5/8	White	
APF31815TEEW	1.5	3 1/8	White	

AEROCELL

- UV resistant – added weather protection not required as tested ASTM G7, G90
- Lower thermal conductivity
- Recommended service temperature range; -297°F to 257°F
- Meets ASTM spec E 84 25/50 to 2" thickness
- Thermal conductivity: 0.245
- Water vapor transmission: 0.03 perms

In addition to the specifications listed above, Aerocel also is approved by or conforms to the requirements of the following: ASTM C 534 Type I and II, NY City MEA 171-04-M, City of LA RR-8413, UL 181 Section 13 Mold Growth/Humidity, ASTM G 21 Fungal Resistance Test, UL181 Section 18 Air Erosion, NFPA 90A & 90B, MIL15280J, CAN/ULC-S102-07.

Aerocel EPDM elastomeric insulations meet the energy code requirements of International Energy Conservation Code(IECC) and ASHRAE for R-4 for Refrigeration Piping at 1" wall thickness.



ELBOW, BLACK



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
EL3812LR	0.5	3/8	
EL1212LR	0.5	1/2	
EL7812LR	0.5	7/8	
EL13812LR	0.5	1 3/8	
EL21812LR	0.5	2 1/8	
EL5812LR	0.5	5/8	
EL3834LR	0.75	3/8	
EL1234LR	0.75	1/2	
EL5834LR	0.75	5/8	
EL3434LR	0.75	3/4	
EL7834LR	0.75	7/8	
EL11834LR	0.75	1 1/8	
EL13834LR	0.75	1 3/8	
EL15834LR	0.75	1 5/8	
EL3810LR	1	3/8	
EL1210LR	1	1/2	
EL5810LR	1	5/8	
EL3410LR	1	3/4	
EL7810LR	1	7/8	
EL11810LR	1	1 1/8	
EL13810LR	1	1 3/8	
EL15810LR	1	1 5/8	
EL58114LR	1.25	5/8	
EL34114LR	1.25	3/4	
EL78114LR	1.25	7/8	
EL118114LR	1.25	1 1/8	
EL138114LR	1.25	1 3/8	
EL158114LR	1.25	1 5/8	
EL218114LR	1.25	2 1/8	
EL258114LR	1.25	2 5/8	

Continued...

ELBOW, BLACK (CONT'D.)



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
EL318114LR	1.25	3 1/8	
EL58112LR	1.5	5/8	
EL34112LR	1.5	3/4	
EL78112LR	1.5	7/8	
EL118112LR	1.5	1 1/8	
EL138112LR	1.5	1 3/8	
EL158112LR	1.5	1 5/8	
EL218112LR	1.5	2 1/8	
EL258112LR	1.5	2 5/8	
EL318112LR	1.5	3 1/8	
EL418112LR	1.5	4 1/8	



P-TRAP, BLACK



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
PTRAP5834S	0.75	5/8	
PTRAP3434S	0.75	3/4	
PTRAP7834S	0.75	7/8	
PTRAP11834S	0.75	1 1/8	
PTRAP13834S	0.75	1 3/8	
PTRAP15834S	0.75	1 5/8	
PTRAP21834S	0.75	2 1/8	
PTRAP5810S	1	5/8	
PTRAP3410S	1	3/4	
PTRAP7810S	1	7/8	
PTRAP11810S	1	1 1/8	
PTRAP13810S	1	1 3/8	
PTRAP15810S	1	1 5/8	
PTRAP21810S	1	2 1/8	
PTRAP158114S	1.25	1 5/8	
PTRAP218114S	1.25	2 1/8	

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

TUBING INSULATION

EXPANDED ELASTOMER

K-FIT™ ELASTOMERIC FITTING

Flexible closed cell elastomeric fittings used to retard heat gain and prevent condensation or frost formation on refrigerant lines, cold water plumbing, and chilled water systems. They also retard heat loss for hot water plumbing, liquid heating, dual temperature piping, and solar systems.

- Applications ranging from -297°F to 220°F



K-FIT™, TEE, BLACK



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
801T048058	0.5	5/8	
801T048078	0.5	7/8	
801T048118	0.5	1 1/8	
801T048138	0.5	1 3/8	
801T068078	0.75	7/8	
801T068118	0.75	1 1/8	
801T068138	0.75	1 3/8	
801T100078	1	7/8	
801T100118	1	1 1/8	
801T100138	1	1 3/8	
801T100158	1	1 5/8	
801T148078	1.5	7/8	
801T148118	1.5	1 1/8	
801T148138	1.5	1 3/8	



K-FIT™, P-TRAP



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
801P068058	0.75	5/8	
801P068078	0.75	7/8	
801P068118	0.75	1 1/8	
801P068138	0.75	1 3/8	
801P068158	0.75	1 5/8	
801P068218	0.75	2 1/8	
801P100058	1	5/8	
801P100078	1	7/8	
801P100118	1	1 1/8	
801P100138	1	1 3/8	
801P100158	1	1 5/8	
801P100218	1	2 1/8	
801P148058	1.5	5/8	

Continued...



K-FIT™, P-TRAP (CONT'D.)

Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
801P148078	1.5	7/8	
801P148118	1.5	1 1/8	
801P148138	1.5	1 3/8	
801P148158	1.5	1 5/8	
801P148218	1.5	2 1/8	



K-FIT™, 90 DEGREE ELBOW, BLACK



Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
801LRE048038	0.5	3/8	
801LRE048048	0.5	1/2	
801LRE048058	0.5	5/8	
801LRE048068	0.5	3/4	
801LRE048078	0.5	7/8	
801LRE048118	0.5	1 1/8	
801LRE048138	0.5	1 3/8	
801LRE068058	0.75	5/8	
801LRE068068	0.75	3/4	
801LRE068078	0.75	7/8	
801LRE068118	0.75	1 1/8	
801LRE068138	0.75	1 3/8	
801LRE068158	0.75	1 5/8	
801LRE068218	0.75	2 1/8	
801LRE100038	1	3/8	
801LRE100048	1	1/2	
801LRE100058	1	5/8	
801LRE100068	1	3/4	
801LRE100078	1	7/8	
801LRE100118	1	1 1/8	
801LRE100138	1	1 3/8	
801LRE100158	1	1 5/8	
801LRE100218	1	2 1/8	
801LRE148048	1.5	1/2	
801LRE148058	1.5	5/8	
801LRE148068	1.5	3/4	
801LRE148078	1.5	7/8	
801LRE148118	1.5	1 1/8	
801LRE148138	1.5	1 3/8	
801LRE148158	1.5	1 5/8	
801LRE148218	1.5	2 1/8	



K-FLEX CLAD, UNSLIT, WHITE

K-Flex Clad® WT NS combines a flexible elastomeric tube insulation with a white-finish clad covering that is moisture and abuse resistant, low in VOCs and mold-resistant.

- Applications ranging from -297°F to 220°F

K-FLEX CLAD®, UNSLIT 1 1/2" WALL WHITE



Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Wall Thickness (In.)	Price
		Nom. Size	OD Size			
6RY148058WTS ¹	5/8	1/2	5/8	3/8	1.5	
6RY148068WTS ¹	3/4	5/8	3/4	—	1.5	
6RY148078WTS ¹	7/8	3/4	7/8	1/2	1.5	
6RY148118WTS ¹	1 1/8	1	1 1/8	3/4	1.5	
6RY148138WTS ¹	1 3/8	1 1/4	1 3/8	1	1.5	
6RY148158WTS ¹	1 5/8	1 1/2	1 5/8	1 1/4	1.5	
6RY148218WTS ¹	2 1/8	2	2 1/8	—	1.5	
6RY148258WTS ¹	2 5/8	2 1/2	2 5/8	—	1.5	

¹3' length

K-FLEX CLAD, UNSLIT 1" WALL WHITE



Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Wall Thickness (In.)	Price
		Nom. Size	OD Size			
6RY100078WTS ¹	7/8	3/4	7/8	1/2	1	
6RY100118WTS ¹	1 1/8	1	1 1/8	3/4	1	
6RY100138WTS ¹	1 3/8	1 1/4	1 3/8	1	1	
6RY100158WTS ¹	1 5/8	1 1/2	1 5/8	1 1/4	1	
6RY100218WTS ¹	2 1/8	2	2 1/8	—	1	
6RY100258WTS ¹	2 5/8	2 1/2	2 5/8	—	1	

¹3' length



K-FLEX CLAD® AL

K-Flex Clad® AL Tube is elastomeric tube insulation (black) fully-adhered to an aluminum-finish jacketing that protects the insulation against damage from UV rays, mechanical abuse, moisture, and chemicals. It also serves as a second moisture vapor barrier.

It comes equipped with a dual closure system: self-seal adhesive strips on the longitudinal seam and an overlap jacket closure system. For use outdoors to insulate hot water, chilled water or refrigeration lines.

- Applications ranging from -297°F to 220°F



K-FLEX CLAD® AL, PRE-SLIT 1" WALL

Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Wall Thickness (In.)	Price
		Nom. Size	OD Size			
6RYL100058AL ¹	5/8	1/2	5/8	3/8	1	
6RYL100078AL ¹	7/8	3/4	7/8	1/2	1	
6RYL100118AL ¹	1 1/8	1	1 1/8	3/4	1	
6RYL100138AL ¹	1 3/8	1 1/4	1 3/8	1	1	
6RYL100158AL ¹	1 5/8	1 1/2	1 5/8	1-1/4	1	
6RYL100218AL ¹	2 1/8	2	2 1/8	—	1	
6RYL100258AL ¹	2 5/8	2 1/2	2 5/8	—	1	
6RYL100318AL ¹	3 1/8	3	3 1/8	—	1	
6RYL100358AL ¹	3 5/8	3 1/2	3 5/8	—	1	
6RYL100418AL ¹	4 1/8	4	4 1/8	—	1	

¹3' length

K-FLEX CLAD® AL, PRE-SLIT 1/2" WALL



Part No.	Insulation ID (In.)	Copper Tubing (In.)		Iron Pipe (In.)	Wall Thickness (In.)	Price
		Nom. Size	OD Size			
6RYL048048AL ¹	1/2	3/8	1/2	1/4	0.5	
6RYL048058AL ¹	5/8	1/2	5/8	3/8	0.5	

¹3' length

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

TUBING INSULATION

EXPANDED ELASTOMER



K-FLEX CLAD® AL TAPE

Specially designed to complement the K-Flex Clad® AL line of products. The tape has a similar composition to the K-Flex Clad® AL tube. It provides a quick, easy and uniform way to complete a sealing system.



Part No.	Width (In.)	Price
800TAPEAL2B	2	



AP ARMAFLEX® SHIELD, UNSLIT 1 1/2" WHITE CLAD TUBES

- The Armaflex insulation, along with the laminated cladding, provides zero water vapor permeability
- The white embossed jacketing surface does not require painting and is easy to maintain

- The combined insulation and jacketing construction decreases field-applied installation steps to reduce labor cost
- Applications ranging from -297°F to 220°F
- 3 Foot long



		Copper Tubing (In.)				
Part No.	Insulation ID (In.)	Nom. Size	OD Size	Iron Pipe (In.)	Wall Thickness (In.)	Price
AST01215 ¹	1/2	3/8	1/2	1/4	1.5	
AST03815 ¹	3/8	1/4	3/8	—	1.5	
AST05815 ¹	5/8	1/2	5/8	3/8	1.5	
AST07815 ¹	7/8	3/4	7/8	1/2	1.5	
AST11815 ¹	1 1/8	1	1 1/8	3/4	1.5	
AST13815 ¹	1 3/8	1 1/4	1 3/8	1	1.5	
AST15815 ¹	1 5/8	1 1/2	1 5/8	1 1/4	1.5	
AST21815 ¹	2 1/8	2	2 1/8	—	1.5	
AST25815 ¹	2 5/8	2 1/2	2 5/8	—	1.5	

¹3' length

ARMASHIELD CLAD TAPE



Part No.	Length (Ft.)	Thickness (In.)	Width (In.)	Price
AST10240150	150.0	0.4	4	



ARMAFLEX® SHIELD FLEXIBLE FOAM INSULATION

Moisture-resistant and UV-resistant product with a durable protective jacket specially designed for line set, HV AC and refrigeration applications. This tough coating can take the abuse of challenging installations and stands up to the effects of weather and extreme

elements like UV, heat and cold, making it a great choice for outdoor applications.

- Saves Energy
- Protection against thermal losses, condensation and moisture ingress
- Tear-resistant, durable protective coating
- UV and ozone resistant
- Comes in continuous coils for fast installation with fewer seams
- Meets IECC code requirements for outdoor insulation
- Meets code requirements for installation in plenums

Application:

- HVAC, plumbing and refrigeration
- Line set
- Commercial and residential buildings

1/2" WALL



		Copper Tubing (In.)		
Part No.	Nom. Size	OD Size	Wall Thickness (In.)	Price
IPPCT01412CL	-	1/4	1/2	
IPPCT03812CL	1/4	3/8	1/2	
IPPCT01212CL	3/8	1/2	1/2	
IPPCT05812CL	1/2	5/8	1/2	
IPPCT03412CL	5/8	3/4	1/2	
IPPCT07812CL	3/4	7/8	1/2	
IPPCT11812CL	1	1 1/8	1/2	

3/4" WALL



		Copper Tubing (In.)		
Part No.	Nom. Size	OD Size	Wall Thickness (In.)	Price
IPPCT03834CL	1/4	3/8	3/4	
IPPCT01234CL	3/8	1/2	3/4	
IPPCT05834CL	1/2	5/8	3/4	
IPPCT03434CL	5/8	3/4	3/4	

7/8" WALL



		Copper Tubing (In.)		
Part No.	Nom. Size	OD Size	Wall Thickness (In.)	Price
IPPCT07834CL	3/4	7/8	3/4	

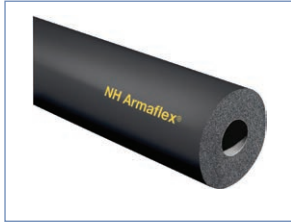
1" WALL



		Copper Tubing (In.)		
Part No.	Nom. Size	OD Size	Wall Thickness (In.)	Price
IPPCT03410CL	5/8	3/4	1	
IPPCT07810CL	3/4	7/8	1	

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

POLYETHYLENE INSULATION, PLUMBING



Tubolit Self-Seal is a 25/50-rated flexible black polyethylene pipe insulation for saving energy while reducing noises. Particularly effective for cost-efficient thermal insulation of domestic heating and plumbing lines. It is available pre-glued on both sides of the seam in the most frequently specified pipe sizes

and thicknesses. Tubolit SS is expanded without the use of CFCs or HCFCs. Recommended for use on lines operating from 0°F (-17°C) to 180°F (82°C). It effectively reduces heat loss on hot-water plumbing and heat gain on cold-water plumbing systems.

- Sold in 6 foot lengths; priced per foot

PRE-SLIT 3/8" WALL, SELF SEAL



Part No.	ID (In.)	Box Qty	Price
DGS03838	3/8	540 Ft	☎
DGS01238	1/2	456 Ft	☎
DGS05838	5/8	396 Ft	☎
DGS03438	3/4	300 Ft	☎
DGS07838	7/8	276 Ft	☎
DGS11838	1 1/8	222 Ft	☎
DGS13838	1 3/8	180 Ft	☎
DGS15838	1 5/8	138 Ft	☎
DGS21838	2 1/8	102 Ft	☎
DGS25838	2 5/8	72 Ft	☎

PRE-SLIT 1/2" WALL, SELF SEAL



Part No.	ID (In.)	Box Qty	Price
DGS03812	3/8	414 Ft	☎
DGS01212	1/2	336 Ft	☎
DGS05812	5/8	300 Ft	☎
DGS03412	3/4	264 Ft	☎
DGS07812	7/8	240 Ft	☎
DGS11812	1 1/8	186 Ft	☎
DGS13812	1 3/8	150 Ft	☎
DGS15812	1 5/8	120 Ft	☎
DGS21812	2 1/8	84 Ft	☎
DGS25812	2 5/8	60 Ft	☎
DGS31812	3 1/8	48 Ft	☎
DGS35812	3 5/8	36 Ft	☎

PRE-SLIT 3/4" WALL, SELF SEAL



Part No.	ID (In.)	Box Qty	Price
DGS03834	3/8	228 Ft	☎
DGS01234	1/2	210 Ft	☎
DGS05834	5/8	180 Ft	☎
DGS03434	3/4	162 Ft	☎
DGS07834	7/8	150 Ft	☎
DGS11834	1 1/8	120 Ft	☎
DGS13834	1 3/8	96 Ft	☎
DGS15834	1 5/8	84 Ft	☎
DGS21834	2 1/8	54 Ft	☎
DGS25834	2 5/8	48 Ft	☎
DGS31834	3 1/8	36 Ft	☎
DGS35834	3 5/8	30 Ft	☎
DGS41834	4 1/8	24 Ft	☎

PRE-SLIT 1" WALL, SELF SEAL



Part No.	ID (In.)	Box Qty	Price
DGS05810	5/8	126 Ft	☎
DGS07810	7/8	102 Ft	☎
DGS11810	1 1/8	84 Ft	☎
DGS13810	1 3/8	72 Ft	☎
DGS15810	1 5/8	54 Ft	☎
DGS21810	2 1/8	54 Ft	☎
DGS25810	2 5/8	36 Ft	☎
DGS31810	3 1/8	24 Ft	☎
DGS35810	3 5/8	24 Ft	☎

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Note: Box Quantity for ordering convenience only

TUBING INSULATION

SHEET INSULATION



Sheet insulation is a flexible, elastomeric thermal insulation, black in color. It is furnished with a smooth skin on one side which forms the outer exposed insulation surface. The expanded closed-cell structure makes it an efficient insulator.

Sheet insulation is certified to consistently provide actual values on these key performance criteria for mechanical system insulation: Thermal conductivity: 0.27; water vapor transmission: 0.10.

As tested by ASTM E 84 Method of Test for Surface Burning Characteristics for Building Materials Sheet Insulation in thicknesses of 1/8", 1/4", 3/8", 1/2" and 3/4" (3, 6, 10, 13, and 19 mm) has a flame-spread rating of 25 or less and a smoke-developed rating of 50 or less. 1" (25 mm) has a flame-spread rating of 25 or less and a smoke-developed rating of 100 or less.

Sheet insulation is used for all applications that cannot be accomplished by pipe insulation. It is particularly adaptable for insulating ductwork, large piping and fittings, tanks, and vessels. Its flexibility allows application to curved and irregular surfaces.

The recommended temperature usage range for sheet insulation is -70°F to +220°F (-57°C to 104°C) according to method of application. With full adhesive coverage attachment, the surface to which it is applied may operate to a limit of 180°F (82°C). When used for pipe insulation with adhesive adhering seams and joints only, sheet insulation can be applied to lines that will operate to a limit of 220°F (104°C).

Part No.	Width (In.)	Length (In.)	Thickness (In.)	Box Qty*	Price
36X48X18	36	48	1/8	48	☎
36X48X14	36	48	1/4	24	☎
36X48X38	36	48	3/8	16	☎
36X48X12	36	48	1/2	12	☎
36X48X34	36	48	3/4	8	☎
36X48X1	36	48	1	6	☎
36X48X112	36	48	1 1/2	4	☎

INSULATION CEMENT



373GAL

K FLEX

374GAL is white protective coating



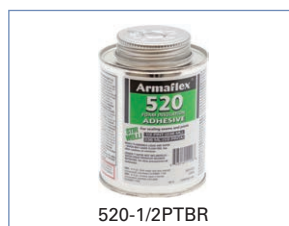
Part No.	Description	Container Size	Color	Price
373-1/2PTBR	Adhesive, w/ brush	1/2 Pt.	Blue	\$13.40
373GAL	Adhesive	Gallon	Blue	\$106.48
373QT	Adhesive	Quart	Blue	\$30.78
373QTBR	Adhesive, w/ brush	Quart	Blue	\$30.78
374GAL	Protective Coating	Gallon	White	\$176.14
373PTBR	Adhesive, w/ brush	Pint	Blue	\$20.48

AEROCEL

ACG is white protective coating



Part No.	Description	Container Size	Color	Price
ADH12PBT	Adhesive, w/ brush	1/2 Pt.	Amber	☎
ADH1PBT	Adhesive, w/ brush	Pint	Amber	☎
ADH1QP	Adhesive	Quart	Amber	☎
ADH1GP	Adhesive	Gallon	Amber	☎
ACG	Protective Coating	Gallon	White	☎
ADH12PBTBLK	Adhesive, w/ brush	1/2 Pt.	Black	☎
ADH1PBTBLK	Adhesive, w/ brush	Pint	Black	☎
ADH1QPBLK	Adhesive	Quart	Black	☎
ADH1GPBLK	Adhesive	Gallon	Black	☎



520-1/2PTBR

ARMACELL

Armstrong 520 Adhesive is an air-drying contact adhesive that is excellent for joining seams and butt joints of pipe and sheet insulations for line temperatures up to 220°F (105°C).

The adhesive may also be used to apply armaflex sheet insulation to

flat or curved metal surfaces that will operate at temperatures up to 180°F (82°C).

520 Adhesive may be used for bonding a variety of materials to many clean, dry surfaces. It will make a resilient and heat-resistant bond with many materials where the use of a solvent-base neoprene contact adhesive is suitable and desirable.

BR suffix to part number indicates brush applicator in can.

AAD520 formulation is a toluene free, hexane free, low volatile organic compound developed to meet the requirements of the South Coast Air Quality Management District (SCAQMD) Rule 1168. The black color gives the installer a neater, cleaner, more finished installation.

WBGAL is a white protective coating applied to exterior insulation surfaces to provide added durability and professional finish in extreme environmental installations.



Part No.	Description	Container Size	Color	Price
520-1/2PTBR*	Adhesive, w/ brush	1/2 Pt.	Light Tan	☎
520PTBR*	Adhesive, w/ brush	Pint	Light Tan	☎
520QT*	Adhesive	Quart	Light Tan	☎
520GAL*	Adhesive	Gallon	Light Tan	☎
WBGAL*	Protective Coating	Gallon	White	☎
WBQT*	Protective Coating	Quart	White	☎
AAD520004B*	Adhesive	Pint	Black	☎
AAD520005STDB*	Adhesive	Quart	Black	☎
AAD520006B*	Adhesive	Gallon	Black	☎

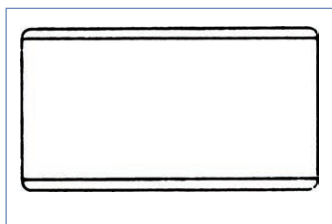
☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

Note: Box Quantity for ordering convenience only

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

COUPLING

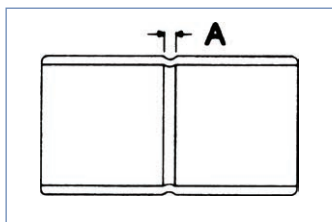
WITHOUT STOP



Connection ODF Sweat

Part No.	Industry No.	OD (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
CWOS14	W01900	1/4	100	0.01	
CWOS38	W01901	3/8	50	0.01	
CWOS12	W01902	1/2	50	0.02	
CWOS58	W01903	5/8	50	0.03	
CWOS34	W01904	3/4	25	0.04	
CWOS78	W01905	7/8	25	0.06	
CWOS118	W01906	1 1/8	10	0.1	
CWOS138	W01907	1 3/8	25	0.15	
CWOS158	W01908	1 5/8	10	0.22	
CWOS218	W01909	2 1/8	75	0.4	
CWOS258	W01910	2 5/8	50	0.63	
CWOS318	W01911	3 1/8	25	0.95	
CWOS418	W01913	4 1/8	15	2.04	

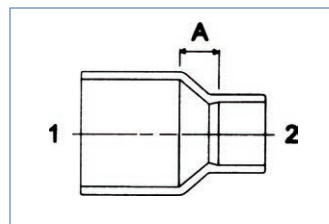
ROLLED STOP



Connection ODF Sweat

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
C18	W01000	1/8	3/64	100	0.01	
C316	W01001	3/16	1/16	100	0.01	
C14	W01003	1/4	1/16	100	0.01	
C516	W01042	5/16	1/16	25	0.15	
C38	W01009	3/8	1/16	50	0.01	
C12	W01017	1/2	1/16	50	0.02	
C58	W01022	5/8	1/16	50	0.02	
C34	W01028	3/4	1/16	25	0.04	
C78	W01034	7/8	1/16	25	0.06	
C118	W01047	1 1/8	1/16	10	0.1	
C138	W01055	1 3/8	1/16	25	0.15	
C158	W01063	1 5/8	1/16	10	0.22	
C218	W01072	2 1/8	1/16	75	0.404	
C258	W01082	2 5/8	3/16	50	0.68	
C318	W01092	3 1/8	3/16	25	1.05	
C358	W010100	3 5/8	3/16	20	1.4	
C418	W010107	4 1/8	3/16	15	2.13	
C518	W010155	5 1/8	—	—	3.3	
C618	W010156	6 1/8	3/16	3	5.31	

REDUCING



Connection ODF Sweat

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
C1418	W01005	1/4	1/8	3/16	50	0.01	
C3814	W01011	3/8	1/4	3/16	50	0.01	
C38516	W01010	3/8	5/16	3/32	50	0.01	
C1214	W01021	1/2	1/4	3/8	50	0.02	
C1238	W01019	1/2	3/8	7/32	50	0.02	
C5814	W01027	5/8	1/4	23/64	100	0.03	
C5838	W01025	5/8	3/8	19/64	50	0.03	
C5812	W01023	5/8	1/2	1/8	50	0.03	
C3438	W01031	3/4	3/8	5/16	100	0.04	
C3412	W01030	3/4	1/2	3/16	100	0.04	
C3458	W01029	3/4	5/8	1/4	100	0.05	
C7838	W01038	7/8	3/8	3/8	50	0.06	
C7812	W01037	7/8	1/2	13/32	50	0.06	
C7858	W01036	7/8	5/8	19/64	50	0.08	
C7834	W01035	7/8	3/4	13/64	100	0.06	
C11812	W01052	1 1/8	1/2	15/32	25	0.11	
C11858	W01051	1 1/8	5/8	13/32	25	0.11	
C11834	W01050	1 1/8	3/4	23/64	25	0.1	
C11878	W01049	1 1/8	7/8	11/32	25	0.13	
C13858	W01060	1 3/8	5/8	17/32	10	0.17	
C13878	W01058	1 3/8	7/8	13/32	10	0.17	
C138118	W01056	1 3/8	1 1/8	9/32	10	0.18	
C15858	W01069	1 5/8	5/8	25/32	10	0.25	
C15878	W01067	1 5/8	7/8	19/32	10	0.24	
C158118	W01065	1 5/8	1 1/8	15/32	10	0.23	
C158138	W01064	1 5/8	1 3/8	5/16	10	0.22	
C21858	W01079	2 1/8	5/8	1-3/32	75	0.45	
C21878	W01077	2 1/8	7/8	29/32	100	0.46	
C218118	W01075	2 1/8	1 1/8	13/16	100	0.47	
C218138	W01074	2 1/8	1 3/8	35/64	100	0.42	
C218158	W01073	2 1/8	1 5/8	15/32	100	0.45	
C258118	W01086	2 5/8	1 1/8	1-3/16	50	0.76	
C258138	W01085	2 5/8	1 3/8	1	50	0.73	
C258158	W01084	2 5/8	1 5/8	7/8	50	0.71	
C258218	W01083	2 5/8	2 1/8	19/32	50	0.68	
C318158	W01095	3 1/8	1 5/8	1-1/4	25	1.14	
C318218	W01094	3 1/8	2 1/8	15/16	25	1.09	
C318258	W01093	3 1/8	2 5/8	1/2	25	1.03	
C358318	W010101	3 5/8	3 1/8	29/64	25	1.4	
C418218	W010111	4 1/8	2 1/8	1-5/8	20	2.37	
C418258	W010110	4 1/8	2 5/8	1-7/16	15	2.0	
C418318	W010109	4 1/8	3 1/8	29/32	20	2.0	
C418358	W010108	4 1/8	3 5/8	5/8	20	1.85	

Note: Box Quantity for ordering convenience only

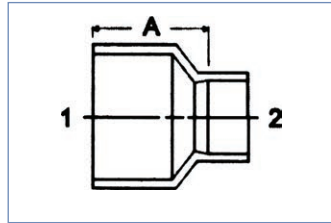
COPPER FITTING

COUPLING

FITTING REDUCER



FR1418



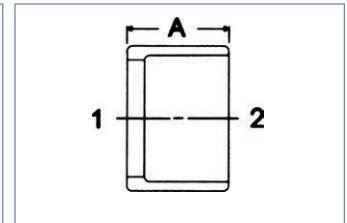
Connection FTG x C

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
FR1418	W01302	1/4	1/8	17/32	50	0.01	☎
FR3814	W01306	3/8	1/4	3/8	50	0.01	☎
FR1214	W01314	1/2	1/4	19/32	50	0.02	☎
FR1238	W01312	1/2	3/8	5/8	50	0.02	☎
FR5812	W01315	5/8	1/2	3/4	50	0.03	☎
FR5838	W01317	5/8	3/8	25/32	50	0.03	☎
FR3438	W01322	3/4	3/8	7/8	100	0.03	☎
FR3412	W01321	3/4	1/2	29/32	100	0.04	☎
FR3458	W01320	3/4	5/8	7/8	100	0.03	☎
FR7812	W01327	7/8	1/2	1-1/8	50	0.05	☎
FR7858	W01326	7/8	5/8	61/64	50	0.06	☎
FR7834	W01325	7/8	3/4	31/32	100	0.08	☎
FR11812	W01340	1 1/8	1/2	1-3/8	20	0.1	☎
FR11858	W01339	1 1/8	5/8	1-11/32	25	0.1	☎
FR11834	W01338	1 1/8	3/4	1-1/4	25	0.09	☎
FR11878	W01337	1 1/8	7/8	1-7/64	25	0.11	☎
FR13858	W01347	1 3/8	5/8	1-1/2	10	0.15	☎
FR13878	W01345	1 3/8	7/8	1-11/32	10	0.15	☎
FR138118	W01343	1 3/8	1 1/8	1-7/32	10	0.17	☎
FR15858	W01355	1 5/8	5/8	1-3/4	10	0.24	☎
FR15878	W01353	1 5/8	7/8	1-11/16	10	0.22	☎
FR158118	W01351	1 5/8	1 1/8	1-17/32	10	0.23	☎
FR158138	W01350	1 5/8	1 3/8	1-13/32	10	0.24	☎
FR21858	W01364	2 1/8	5/8	2-5/8	100	0.46	☎
FR21878	W01362	2 1/8	7/8	2-3/16	100	0.43	☎
FR218118	W01360	2 1/8	1 1/8	2-1/8	100	0.43	☎
FR218138	W01359	2 1/8	1 3/8	2-1/32	100	0.43	☎
FR218158	W01358	2 1/8	1 5/8	1-27/32	100	0.4	☎
FR258118	W01370	2 5/8	1 1/8	2-7/8	50	0.69	☎
FR258138	W01369	2 5/8	1 3/8	2-15/32	50	0.67	☎
FR258158	W01368	2 5/8	1 5/8	2-7/32	50	0.73	☎
FR258218	W01367	2 5/8	2 1/8	2-1/32	50	0.66	☎
FR318138	W01379	3 1/8	1 3/8	3	50	1.08	☎
FR318158	W01378	3 1/8	1 5/8	2-21/32	50	1.0	☎
FR318218	W01377	3 1/8	2 1/8	2-1/2	25	0.93	☎
FR318258	W01376	3 1/8	2 5/8	2-1/32	25	0.97	☎
FR358218	W01383	3 5/8	2 1/8	3-3/32	20	1.49	☎
FR358258	W01382	3 5/8	2 5/8	1-39/64	20	1.28	☎
FR358318	W01381	3 5/8	3 1/8	2-11/32	20	1.49	☎
FR418218	W01389	4 1/8	2 1/8	3-21/32	15	2.15	☎
FR418258	W01388	4 1/8	2 5/8	3-35/64	15	2.03	☎
FR418318	W01387	4 1/8	3 1/8	2-31/32	15	1.85	☎
FR418358	W01386	4 1/8	3 5/8	2-1/2	20	1.75	☎

FLUSH BUSHING



FB3814



Connection FTG x C

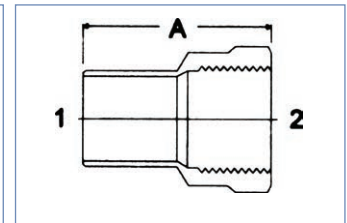
Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
FB3814	W01706	3/8	1/4	3/8	100	0.01	☎
FB1214	W01714	1/2	1/4	7/16	100	0.02	☎
FB1238	W01712	1/2	3/8	7/16	100	0.01	☎
FB5838	W01717	5/8	3/8	9/16	100	0.04	☎
FB5812	W01715	5/8	1/2	9/16	100	0.02	☎
FB3438	W01722	3/4	3/8	11/16	25	0.05	☎
FB3412	W01721	3/4	1/2	11/16	50	0.06	☎
FB3458	W01720	3/4	5/8	11/16	50	0.03	☎
FB7812	W01727	7/8	1/2	13/16	50	0.11	☎
FB7858	W01726	7/8	5/8	13/16	50	0.08	☎
FB7834	W01725	7/8	3/4	13/16	50	0.09	☎
FB11858	W01739	1 1/8	5/8	31/32	25	0.21	☎
FB11834	W01738	1 1/8	3/4	31/32	50	0.18	☎
FB11878	W01737	1 1/8	7/8	31/32	50	0.12	☎
FB13878	W01745	1 3/8	7/8	1-1/32	10	0.33	☎
FB138118	W01743	1 3/8	1 1/8	1-1/32	10	0.16	☎
FB158118	W01751	1 5/8	1 1/8	1-5/32	10	0.4	☎
FB158138	W01750	1 5/8	1 3/8	1-5/32	10	0.22	☎
FB218158	W01758	2 1/8	1 5/8	1-13/32	10	0.66	☎

PIPE THREAD ADAPTER

FEMALE FITTING



AFF3838



Connection FTG x FPT

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
AFF3838	W01514	3/8	3/8	1-9/32	50	0.06	☎
AFF1214	W01526	1/2	1/4	1-1/8	50	0.06	☎
AFF1238	W01525	1/2	3/8	1-19/64	50	0.05	☎
AFF1212	W01524	1/2	1/2	1-15/32	50	0.11	☎
AFF5838	W01532	5/8	3/8	1-19/64	50	0.07	☎
AFF5812	W01531	5/8	1/2	1-1/2	50	0.11	☎
AFF7812	W01547	7/8	1/2	1-11/16	50	0.11	☎
AFF7834	W01546	7/8	3/4	1-45/64	50	0.19	☎

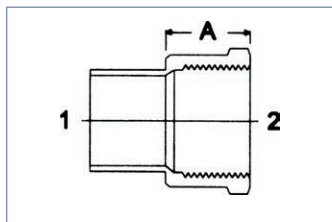
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Note: Box Quantity for ordering convenience only

FEMALE FITTING (CONT'D.)

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
AFF11834	W01564	1 1/8	3/4	1-49/64	25	0.17	☎
AFF1181	W01563	1 1/8	1	2-5/64	25	0.25	☎
AFF138114	W01571	1 3/8	1 1/4	2-7/32	10	0.43	☎
AFF158112	W01579	1 5/8	1 1/2	2-15/32	10	0.55	☎
AFF2182	W01587	2 1/8	2	2-13/32	50	0.69	☎
AFF258212	W01596	2 5/8	2 1/2	2-53/64	25	1.21	☎

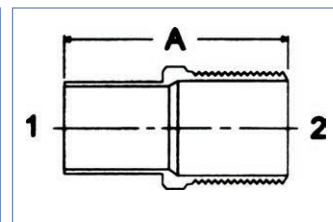
FEMALE



Connection C x FPT

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
AF1418	W01207	1/4	1/8	9/16	100	0.03	☎
AF1414	W01206	1/4	1/4	21/32	100	0.04	☎
AF1438	W01205	1/4	3/8	5/8	100	0.06	☎
AF3818	W01216	3/8	1/8	17/32	100	0.03	☎
AF3814	W01215	3/8	1/4	5/8	50	0.04	☎
AF3838	W01214	3/8	3/8	21/32	50	0.05	☎
AF1214	W01226	1/2	1/4	19/32	50	0.05	☎
AF1238	W01225	1/2	3/8	53/64	50	0.06	☎
AF1212	W01224	1/2	1/2	1	50	0.1	☎
AF1234	W01223	1/2	3/4	13/16	50	0.13	☎
AF5814	W01233	5/8	1/4	1/2	50	0.05	☎
AF5838	W01232	5/8	3/8	49/64	50	0.07	☎
AF5812	W01231	5/8	1/2	27/32	50	0.1	☎
AF5834	W01230	5/8	3/4	1-3/64	50	0.15	☎
AF3412	W01239	3/4	1/2	29/32	50	0.09	☎
AF3434	W01238	3/4	3/4	57/64	25	0.12	☎
AF7812	W01247	7/8	1/2	1	50	0.11	☎
AF7834	W01246	7/8	3/4	27/32	25	0.14	☎
AF781	W01245	7/8	1	1-5/32	25	0.24	☎
AF11812	W01265	1 1/8	1/2	23/32	25	0.29	☎
AF11834	W01264	1 1/8	3/4	13/16	25	0.22	☎
AF1181	W01263	1 1/8	1	31/32	25	0.24	☎
AF1381	W01272	1 3/8	1	1	10	0.33	☎
AF138114	W01271	1 3/8	1 1/4	1-7/32	10	0.43	☎
AF138112	W01270	1 3/8	1 1/2	1-7/32	10	0.43	☎
AF158114	W01280	1 5/8	1 1/4	29/32	10	0.42	☎
AF158112	W01279	1 5/8	1 1/2	1-1/4	10	0.58	☎
AF1582	W01278	1 5/8	2	1-7/32	60	0.62	☎
AF2182	W01287	2 1/8	2	15/16	50	0.65	☎
AF258212	W01296	2 5/8	2 1/2	1-3/16	25	1.19	☎
AF3183	W01297	3 1/8	3	1-5/16	15	1.94	☎

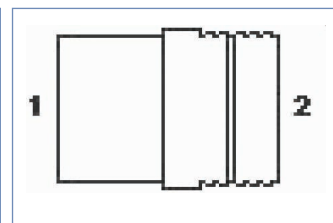
MALE FITTING



Connection FTG x MPT

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
AMF1238	W01432	1/2	3/8	1-15/64	50	0.05	☎
AMF5838	W01431	5/8	3/8	1-7/32	50	0.06	☎
AMF5812	W01425	5/8	1/2	1-3/8	50	0.09	☎
AMF7812	W01447	7/8	1/2	1-27/32	50	0.13	☎
AMF7834	W01446	7/8	3/4	1-59/64	50	0.15	☎
AMF11834	W01464	1 1/8	3/4	2-3/64	25	0.19	☎
AMF1181	W01463	1 1/8	1	2-1/4	25	0.24	☎
AMF138114	W01471	1 3/8	1 1/4	2-15/32	10	0.41	☎
AMF158112	W01479	1 5/8	1 1/2	2-19/32	10	0.52	☎
AMF2182	W01487	2 1/8	2	2-49/64	50	0.86	☎
AMF258212	W01496	2 5/8	2 1/2	3-3/8	20	1.54	☎

MALE



Connection C x MPT

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
AM1418	W01107	1/4	1/8	27/64	100	0.02	☎
AM1414	W01106	1/4	1/4	49/64	50	0.03	☎
AM1438	W01105	1/4	3/8	55/64	50	0.06	☎
AM3818	W01116	3/8	1/8	27/64	50	0.03	☎
AM3814	W01115	3/8	1/4	21/32	50	0.03	☎
AM3838	W01114	3/8	3/8	53/64	50	0.06	☎
AM3812	W01113	3/8	1/2	1	50	0.09	☎
AM1214	W01126	1/2	1/4	7/8	50	0.06	☎
AM1238	W01125	1/2	3/8	21/32	50	0.06	☎
AM1212	W01124	1/2	1/2	13/16	50	0.09	☎
AM1234	W01123	1/2	3/4	1-7/64	25	0.17	☎
AM5814	W01133	5/8	1/4	3/4	25	0.06	☎
AM5838	W01132	5/8	3/8	41/64	50	0.06	☎
AM5812	W01131	5/8	1/2	13/16	50	0.08	☎
AM5834	W01130	5/8	3/4	15/16	25	0.16	☎
AM581	W01129	5/8	1	1-29/64	25	0.28	☎
AM3412	W01139	3/4	1/2	1-3/32	25	0.12	☎
AM3434	W01138	3/4	3/4	1-1/64	25	0.14	☎
AM7812	W01147	7/8	1/2	7/8	25	0.13	☎

Continued...

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

Note: Box Quantity for ordering convenience only

COPPER FITTING

PIPE THREAD ADAPTER

MALE (CONT'D.)

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2				
AM7834	W01146	7/8	3/4	29/32	50	0.14	☎
AM781	W01145	7/8	1	1-5/32	25	0.29	☎
AM11812	W01165	1 1/8	1/2	31/32	25	0.18	☎
AM11834	W01164	1 1/8	3/4	59/64	10	0.18	☎
AM1181	W01163	1 1/8	1	1-9/64	25	0.24	☎
AM118114	W01162	1 1/8	1 1/4	1-9/16	10	0.4	☎
AM118112	W01161	1 1/8	1 1/2	1-45/64	10	0.5	☎
AM13834	W01173	1 3/8	3/4	31/32	10	0.29	☎
AM1381	W01172	1 3/8	1	1	10	0.28	☎
AM138114	W01171	1 3/8	1 1/4	1-9/32	20	0.41	☎
AM138112	W01170	1 3/8	1 1/2	1-21/32	10	0.51	☎
AM1581	W01181	1 5/8	1	1-3/32	10	0.39	☎
AM158114	W01180	1 5/8	1 1/4	1-1/16	10	0.41	☎
AM158112	W01179	1 5/8	1 1/2	1-1/4	10	0.5	☎
AM1582	W01178	1 5/8	2	1-7/32	50	0.79	☎
AM218114	W01189	2 1/8	1 1/4	1-5/32	50	0.71	☎
AM218112	W01188	2 1/8	1 1/2	1-3/32	50	0.61	☎
AM2182	W01187	2 1/8	2	1-19/64	50	0.87	☎
AM2582	W01197	2 5/8	2	1-1/8	20	0.98	☎
AM258212	W01196	2 5/8	2 1/2	1-25/32	20	1.62	☎
AM3183	W01199	3 1/8	3	1-27/64	20	1.72	☎

SHORT REDUCING



Connection C x C

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2					
E3814	W02011	3/8	1/4	7/16	11/32	50	0.02	☎
E1238	W02019	1/2	3/8	9/16	7/16	50	0.03	☎
E5838	W02025	5/8	3/8	21/32	7/16	50	0.05	☎
E5812	W02023	5/8	1/2	5/8	1/2	50	0.05	☎
E3458	W02029	3/4	5/8	11/16	19/32	50	0.06	☎
E7812	W02037	7/8	1/2	15/16	5/8	50	0.1	☎
E7858	W02036	7/8	5/8	59/64	21/32	50	0.1	☎
E7834	W02035	7/8	3/4	29/32	7/8	50	0.12	☎
E11812	W02052	1 1/8	1/2	1-11/32	21/32	25	0.2	☎
E11858	W02051	1 1/8	5/8	1-3/16	3/4	25	0.17	☎
E11834	W02050	1 1/8	3/4	1	7/8	25	0.17	☎
E11878	W02049	1 1/8	7/8	1	7/8	25	0.18	☎
E138118	W02056	1 3/8	1 1/8	1-7/16	1-1/8	20	0.34	☎
E158138	W02077	1 5/8	1 3/8	1-9/64	55/64	5	0.33	☎
E218158	W02078	2 1/8	1 5/8	1-9/16	1-13/64	2	0.6	☎

90 DEGREE ELBOW

SHORT



Connection C x C

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2					
E14	W02003	1/4	1/4	3/8	3/8	50	0.01	☎
E38	W02009	3/8	3/8	3/8	3/8	50	0.02	☎
E12	W02017	1/2	1/2	1/2	1/2	50	0.03	☎
E58	W02022	5/8	5/8	19/32	19/32	100	0.05	☎
E34	W02028	3/4	3/4	7/8	7/8	50	0.1	☎
E78	W02034	7/8	7/8	53/64	53/64	50	0.11	☎
E118	W02047	1 1/8	1 1/8	1-5/64	1-5/64	25	0.2	☎
E138	W02084	1 3/8	1 3/8	1-3/32	1-3/32	10	0.31	☎
E158	W02085	1 5/8	1 5/8	1-7/32	1-7/32	10	0.43	☎
E218	W02086	2 1/8	2 1/8	1-9/16	1-9/16	10	0.86	☎
E258	W02087	2 5/8	2 5/8	1-13/16	1-13/16	5	1.4	☎
E318	W02088	3 1/8	3 1/8	2-1/16	2-1/16	5	1.99	☎
E358	W02089	3 5/8	3 5/8	2-13/32	2-13/32	2	2.74	☎
E418	W02090	4 1/8	4 1/8	2-23/32	2-23/3	2	3.8	☎

LONG



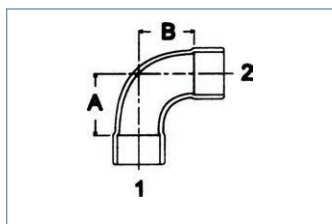
Connection C x C

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2					
EL14	W02715	1/4	1/4	1/2	1/2	50	0.01	☎
EL516	W02710	5/16	5/16	9/16	9/16	50	0.01	☎
EL38	W02716	3/8	3/8	3/4	3/4	50	0.02	☎
EL12	W02717	1/2	1/2	3/4	3/4	50	0.04	☎
EL58	W02722	5/8	5/8	7/8	7/8	50	0.07	☎
EL34	W02728	3/4	3/4	1-1/8	1-1/8	50	0.11	☎
EL78	W02734	7/8	7/8	1-3/16	1-3/16	25	0.15	☎
EL118	W02747	1 1/8	1 1/8	1-1/2	1-1/2	10	0.28	☎
EL138	W02055	1 3/8	1 3/8	1-7/8	1-7/8	10	0.42	☎
EL158	W02063	1 5/8	1 5/8	2-1/4	2-1/4	5	0.64	☎
EL218	W02072	2 1/8	2 1/8	2-7/8	2-7/8	5	1.19	☎
EL258	W02082	2 5/8	2 5/8	3-21/32	3-21/32	5	2.07	☎
EL318	W02092	3 1/8	3 1/8	4-5/8	4-5/8	2	3.13	☎
EL358	W02093	3 5/8	3 5/8	4-29/32	4-29/32	1	5.45	☎
EL418	W02095	4 1/8	4 1/8	5-7/8	5-7/8	1	7.65	☎

LONG REDUCING



EL1238



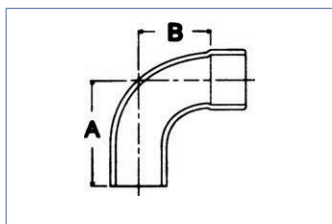
Connection C x C

Part No.	Industry No.	OD (In.)		Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2					
EL1238	W02719	1/2	3/8	41/64	39/64	50	0.03	☎
EL5812	W02723	5/8	1/2	3/4	11/16	50	0.04	☎
EL7858	W02736	7/8	5/8	7/8	7/8	50	0.09	☎
EL7834	W02735	7/8	3/4	1-5/32	1-1/16	25	0.12	☎
EL11878	W02749	1 1/8	7/8	1-1/4	1-9/64	10	0.17	☎
EL13858	W02060	1 3/8	5/8	2-5/32	1-3/8	10	0.38	☎
EL13878	W02058	1 3/8	7/8	1-63/64	1-3/8	10	0.36	☎
EL138118	W02756	1 3/8	1 1/8	1-5/8	1-15/32	10	0.31	☎
EL158118	W02065	1 5/8	1 1/8	2-1/8	1-5/8	5	0.51	☎
EL158138	W02064	1 5/8	1 3/8	1-59/64	1-7/8	5	0.44	☎
EL218118	W02075	2 1/8	1 1/8	2-1/2	2-3/32	2	1.0	☎
EL218138	W02074	2 1/8	1 3/8	2-1/2	2-1/8	2	0.95	☎
EL218158	W02073	2 1/8	1 5/8	2-7/16	2-11/64	2	0.66	☎
EL258218	W02083	2 5/8	2 1/8	2-31/32	2-31/32	2	1.53	☎

SHORT FITTING



EF14



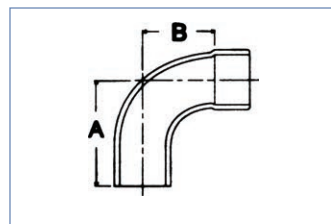
Connection FTG x C

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
EF14	W02305	1/4	3/4	3/8	50	0.01	☎
EF38	W02312	3/8	3/4	3/8	50	0.02	☎
EF12	W02321	1/2	15/16	1/2	50	0.03	☎
EF58	W02326	5/8	1-5/32	19/32	50	0.04	☎
EF34	W02330	3/4	1-7/16	7/8	25	0.11	☎
EF78	W02334	7/8	1-5/8	13/16	25	0.1	☎
EF118	W02344	1 1/8	2-1/32	1-1/16	25	0.17	☎
EF138	W02384	1 3/8	2-5/64	1-1/16	25	0.34	☎
EF158	W02385	1 5/8	2-3/8	1-7/32	10	0.46	☎
EF218	W02386	2 1/8	3-3/64	1-19/32	10	0.78	☎
EF258	W02387	2 5/8	3-11/32	1-13/16	5	1.25	☎
EF318	W02388	3 1/8	3-25/32	2-1/16	2	2.06	☎
EF358	W02389	3 5/8	4-3/8	2-23/64	1	2.7	☎
EF418	W02390	4 1/8	4-15/16	2-23/64	2	3.5	☎

LONG FITTING



ELF38



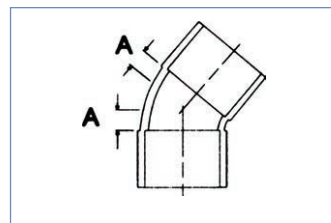
Connection FTG x C

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
ELF38	W02809	3/8	1-1/8	3/4	50	0.02	☎
ELF12	W02817	1/2	1-3/16	3/4	50	0.04	☎
ELF58	W02822	5/8	1-3/8	7/8	50	0.07	☎
ELF34	W02828	3/4	1-13/16	1-1/8	25	0.11	☎
ELF78	W02834	7/8	2	1-3/16	25	0.14	☎
ELF118	W02847	1 1/8	2-15/32	1-1/2	10	0.27	☎
ELF138	W02350	1 3/8	2-29/32	1-7/8	10	0.4	☎
ELF158	W02355	1 5/8	3-7/16	2-1/4	5	0.62	☎
ELF218	W02359	2 1/8	4-9/32	2-7/8	5	1.22	☎
ELF258	W02363	2 5/8	5-5/32	3-21/32	5	2.05	☎
ELF318	W02368	3 1/8	6-9/32	4-5/8	2	4.0	☎
ELF358	W02393	3 5/8	7-7/32	5-1/4	1	5.53	☎
ELF418	W02395	4 1/8	8-3/32	5-7/8	1	7.5	☎

45 DEGREE ELBOW



E4514



Connection C x C

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E4514	W03005	1/4	3/16	50	0.01	☎
E4538	W03012	3/8	3/16	50	0.01	☎
E4512	W03021	1/2	13/64	50	0.02	☎
E4558	W03026	5/8	17/64	50	0.04	☎
E4534	W03030	3/4	5/16	50	0.06	☎
E4578	W03034	7/8	23/64	25	0.1	☎
E45118	W03044	1 1/8	15/32	25	0.18	☎
E45138	W03050	1 3/8	7/16	10	0.2	☎
E45158	W03055	1 5/8	1/2	10	0.3	☎
E45218	W03059	2 1/8	5/8	10	0.56	☎
E45258	W03063	2 5/8	1-9/16	5	1.45	☎
E45318	W03067	3 1/8	1-21/32	2	1.83	☎
E45358	W03070	3 5/8	1-3/4	2	3.46	☎
E45418	W03073	4 1/8	1-15/16	1	5.16	☎
E45618	W03075	6 1/8	2	1	10.64	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

Note: Box Quantity for ordering convenience only

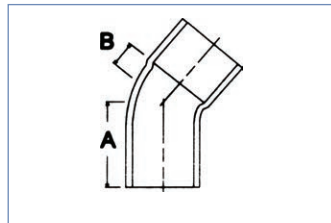
COPPER FITTING

45 DEGREE ELBOW

FITTING



E45F38



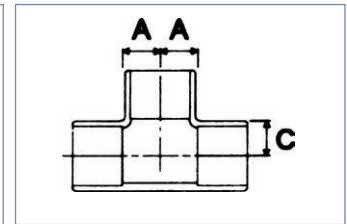
Connection FTG x C

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E45F38	W03312	3/8	9/16	3/16	100	0.01	☎
E45F12	W03321	1/2	21/32	13/64	100	0.02	☎
E45F58	W03326	5/8	13/16	17/64	50	0.04	☎
E45F34	W03330	3/4	1	5/16	50	0.06	☎
E45F78	W03334	7/8	1-11/64	23/64	25	0.1	☎
E45F118	W03344	1 1/8	1-7/16	15/32	25	0.19	☎
E45F138	W03350	1 3/8	1-13/16	25/32	10	0.28	☎
E45F158	W03355	1 5/8	2-5/64	15/16	10	0.43	☎
E45F218	W03359	2 1/8	2-41/64	1-1/4	5	0.86	☎
E45F258	W03363	2 5/8	3-3/32	1-9/16	2	1.38	☎
E45F318	W03368	3 1/8	3-3/8	1-21/32	2	1.81	☎

TEE

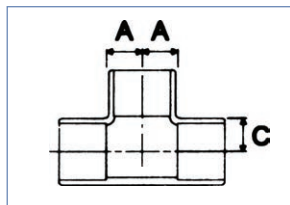


T316



Connection C x C x C

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Dim. C (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
T316	W40302	3/16	7/64	25/32	50	0.01	☎
T14	W40306	1/4	5/32	5/32	100	0.01	☎
T516	W40313	5/16	13/64	3/16	50	0.02	☎
T38	W04000	3/8	13/64	3/16	50	0.02	☎
T12	W04001	1/2	17/64	1/4	50	0.04	☎
T58	W04006	5/8	21/64	21/64	50	0.07	☎
T34	W04017	3/4	13/32	25/64	25	0.11	☎
T78	W04031	7/8	15/32	29/64	25	0.18	☎
T118	W04048	1 1/8	37/64	9/16	10	0.32	☎
T138	W04068	1 3/8	23/32	45/64	5	0.52	☎
T158	W04084	1 5/8	53/64	53/64	5	0.81	☎
T218	W40102	2 1/8	1-3/32	1-3/32	5	1.5	☎
T258	W40123	2 5/8	1-5/16	1-3/8	2	2.42	☎
T318	W40152	3 1/8	1-19/32	1-5/8	2	3.97	☎
T358	W40190	3 5/8	1-15/16	1-55/64	1	7.08	☎
T418	W40200	4 1/8	2-1/8	2-1/8	1	9.68	☎



REDUCING TEE

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Part No.	Industry No.	OD (In.)			Dimensions (In.)			Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2	3	A	A	C			
T141438	W40368	1/4	1/4	3/8	33/64	33/64	3/16	50	0.02	☎
T381414	W40332	3/8	1/4	1/4	5/32	3/8	7/32	50	0.02	☎
T381438	W40330	3/8	1/4	3/8	13/64	33/64	3/16	50	0.02	☎
T383814	W40324	3/8	3/8	1/4	5/32	5/32	7/32	50	0.02	☎
T383812	W04005	3/8	3/8	1/2	1/4	1/4	15/64	50	0.03	☎
T383858	W04016	3/8	3/8	5/8	47/64	47/64	11/32	50	0.11	☎
T121414	W40366	1/2	1/4	1/4	7/32	21/32	23/32	50	0.05	☎
T121438	W40364	1/2	1/4	3/8	7/32	21/32	19/64	50	0.05	☎
T121412	W40363	1/2	1/4	1/2	17/64	39/64	1/4	50	0.06	☎
T123814	W40358	1/2	3/8	1/4	7/32	33/64	19/32	50	0.05	☎
T123838	W04004	1/2	3/8	3/8	7/32	1/2	9/32	50	0.05	☎
T123812	W04003	1/2	3/8	1/2	17/64	9/16	1/4	50	0.05	☎
T121214	W40350	1/2	1/2	1/4	7/32	7/32	19/32	50	0.04	☎

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Note: Box Quantity for ordering convenience only

REDUCING TEE (CONT'D.)

Part No.	Industry No.	OD (In.)			Dimensions (In.)			Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2	3	A	A	C			
T121238	W04002	1/2	1/2	3/8	7/32	7/32	9/32	50	0.04	
T121258	W04015	1/2	1/2	5/8	21/32	21/32	21/64	50	0.09	
T583838	W04013	5/8	3/8	3/8	17/64	39/64	11/16	50	0.08	
T583812	W40367	5/8	3/8	1/2	17/64	39/64	25/64	50	0.08	
T583858	W04012	5/8	3/8	5/8	21/64	11/16	21/64	50	0.09	
T581238	W04011	5/8	1/2	3/8	17/64	39/64	11/16	50	0.08	
T581212	W04010	5/8	1/2	1/2	17/64	9/16	25/64	50	0.07	
T581258	W04009	5/8	1/2	5/8	21/64	5/8	21/64	50	0.09	
T585814	W04014	5/8	5/8	1/4	17/64	17/64	11/16	50	0.08	
T585838	W04008	5/8	5/8	3/8	17/64	17/64	11/16	50	0.07	
T585812	W04007	5/8	5/8	1/2	17/64	17/64	25/64	50	0.07	
T585834	W04029	5/8	5/8	3/4	25/64	25/64	53/64	25	0.09	
T585878	W04047	5/8	5/8	7/8	15/32	15/32	21/64	25	0.14	
T5858118	W04067	5/8	5/8	1-1/8	1-7/32	1-7/32	9/16	10	0.36	
T341212	W04027	3/4	1/2	1/2	21/64	57/64	53/64	25	0.13	
T341258	W04026	3/4	1/2	5/8	21/64	57/64	7/16	25	0.14	
T341234	W04025	3/4	1/2	3/4	13/32	15/16	25/64	25	0.18	
T345812	W04023	3/4	5/8	1/2	21/64	49/64	53/64	25	0.14	
T345858	W04022	3/4	5/8	5/8	19/32	1-1/64	29/64	25	0.13	
T345834	W04021	3/4	5/8	3/4	13/32	3/4	25/64	25	0.17	
T343438	W04020	3/4	3/4	3/8	21/64	21/64	13/16	25	0.13	
T343412	W04019	3/4	3/4	1/2	21/64	21/64	53/64	25	0.13	
T343458	W04018	3/4	3/4	5/8	21/64	21/64	7/16	25	0.12	
T343478	W04046	3/4	3/4	7/8	33/64	33/64	31/64	25	0.17	
T781212	W40232	7/8	1/2	1/2	21/64	51/64	51/64	25	0.16	
T781258	W40231	7/8	1/2	5/8	21/64	15/16	17/32	25	0.16	
T781278	W40230	7/8	1/2	7/8	15/32	31/32	29/64	25	0.2	
T785838	W04045	7/8	5/8	3/8	21/64	11/16	15/16	25	0.16	
T785812	W04044	7/8	5/8	1/2	21/64	5/8	55/64	25	0.16	
T785858	W04043	7/8	5/8	5/8	21/64	23/32	35/64	25	0.15	
T785834	W04042	7/8	5/8	3/4	15/32	47/64	27/32	25	0.22	
T785878	W04041	7/8	5/8	7/8	15/32	23/32	29/64	25	0.18	
T783434	W04037	7/8	3/4	3/4	15/32	23/32	27/32	25	0.21	
T783478	W04036	7/8	3/4	7/8	15/32	23/32	29/64	25	0.19	
T787838	W04035	7/8	7/8	3/8	21/64	21/64	15/16	25	0.15	
T787812	W04034	7/8	7/8	1/2	21/64	21/64	55/64	25	0.16	
T787858	W04033	7/8	7/8	5/8	21/64	21/64	35/64	25	0.14	
T787834	W04032	7/8	7/8	3/4	15/32	15/32	27/32	25	0.2	
T7878118	W04065	7/8	7/8	1-1/8	37/64	37/64	35/64	10	0.28	
T1185858	W04063	1 1/8	5/8	5/8	23/64	31/32	21/32	10	0.36	
T1185878	W04062	1 1/8	5/8	7/8	15/32	1-5/32	49/64	10	0.34	
T11858118	W04061	1 1/8	5/8	1-1/8	37/64	1-7/32	9/16	10	0.35	
T1183458	W40236	1 1/8	3/4	5/8	23/64	31/32	21/32	10	0.35	
T1183434	W40235	1 1/8	3/4	3/4	15/32	1-1/32	1-1/16	10	0.35	
T1183478	W40234	1 1/8	3/4	7/8	15/32	1-1/32	49/64	10	0.34	
T11834118	W40233	1 1/8	3/4	1-1/8	37/64	1-7/32	9/16	10	0.34	
T1187812	W04059	1 1/8	7/8	1/2	23/64	41/64	1-3/32	10	0.34	
T1187858	W04058	1 1/8	7/8	5/8	23/64	41/64	21/32	10	0.31	
T1187834	W04057	1 1/8	7/8	3/4	15/32	49/64	1-1/64	10	0.34	
T1187878	W04056	1 1/8	7/8	7/8	15/32	49/64	49/64	10	0.34	
T11878118	W04055	1 1/8	7/8	1-1/8	19/32	1-3/64	5/8	10	0.35	
T11811812	W04052	1 1/8	1 1/8	1/2	23/64	23/64	1-3/32	10	0.33	

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REDUCING TEE (CONT'D.)

Part No.	Industry No.	OD (In.)			Dimensions (In.)			Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2	3	A	A	C			
T11811858	W04051	1 1/8	1 1/8	5/8	23/64	23/64	21/32	10	0.2	
T11811834	W04050	1 1/8	1 1/8	3/4	15/32	15/32	1-1/64	10	0.33	
T11811878	W04049	1 1/8	1 1/8	7/8	15/32	15/32	49/64	10	0.32	
T118118138	W04082	1 1/8	1 1/8	1-3/8	11/16	11/16	37/64	5	0.47	
T118118158	W40101	1 1/8	1 1/8	1-5/8	1-21/32	1-21/32	53/64	5	0.99	
T13858138	W04083	1 3/8	5/8	1-3/8	23/32	1-5/8	11/16	5	0.58	
T1387858	W04081	1 3/8	7/8	5/8	19/32	1-1/4	2-17/64	5	0.57	
T1387878	W04080	1 3/8	7/8	7/8	19/32	1-1/4	2-5/64	5	0.57	
T13878118	W04079	1 3/8	7/8	1-1/8	19/32	1-1/4	53/64	5	0.54	
T13878138	W04078	1 3/8	7/8	1-3/8	23/32	1-3/8	45/64	5	0.58	
T13811858	W04076	1 3/8	1 1/8	5/8	19/32	1-1/8	1-31/64	5	0.57	
T13811878	W04075	1 3/8	1 1/8	7/8	19/32	1-1/8	1-5/16	5	0.55	
T138118118	W04074	1 3/8	1 1/8	1-1/8	19/32	1-1/8	53/64	5	0.53	
T138118138	W04073	1 3/8	1 1/8	1-3/8	23/32	1-7/32	49/64	5	0.56	
T13813812	W04072	1 3/8	1 3/8	1/2	19/32	19/32	1-9/16	5	0.48	
T13813858	W04071	1 3/8	1 3/8	5/8	9/16	9/16	1-27/64	5	0.48	
T13813878	W04070	1 3/8	1 3/8	7/8	37/64	37/64	1-19/64	5	0.3	
T138138118	W04069	1 3/8	1 3/8	1-1/8	37/64	37/64	53/64	5	0.48	
T138138158	W40100	1 3/8	1 3/8	1-5/8	27/32	27/32	23/32	5	0.79	
T138138218	W40122	1 3/8	1 3/8	2-1/8	2-1/16	2-1/16	1-3/32	2	2.06	
T15858158	W40244	1 5/8	5/8	1-5/8	27/32	2-1/4	53/64	5	0.94	
T1587878	W40238	1 5/8	7/8	7/8	23/32	1-11/16	1-53/64	5	0.88	
T15878118	W40240	1 5/8	7/8	1-1/8	23/32	1-11/16	1-19/32	5	0.88	
T15878138	W40239	1 5/8	7/8	1-3/8	23/32	1-11/16	15/16	5	0.88	
T15878158	W04099	1 5/8	7/8	1-5/8	27/32	2-1/8	53/64	5	0.94	
T15811878	W04098	1 5/8	1 1/8	7/8	23/32	1-29/64	1-53/64	5	0.88	
T158118118	W04097	1 5/8	1 1/8	1-1/8	23/32	1-29/64	1-19/32	5	0.88	
T158118138	W04096	1 5/8	1 1/8	1-3/8	23/32	1-29/64	15/16	5	0.88	
T158118158	W04095	1 5/8	1 1/8	1-5/8	53/64	1-23/32	53/64	5	0.94	
T15813858	W04094	1 5/8	1 3/8	5/8	45/64	1-21/64	1-49/64	5	0.88	
T15813878	W04093	1 5/8	1 3/8	7/8	45/64	1-21/64	1-5/8	5	0.88	
T158138118	W04092	1 5/8	1 3/8	1-1/8	45/64	1-3/16	1-15/32	5	0.88	
T158138138	W04091	1 5/8	1 3/8	1-3/8	45/64	1-3/16	15/16	5	0.88	
T158138158	W04090	1 5/8	1 3/8	1-5/8	27/32	1-3/16	53/64	5	0.94	
T15815812	W04089	1 5/8	1 5/8	1/2	45/64	45/64	2	5	0.76	
T15815858	W04088	1 5/8	1 5/8	5/8	45/64	45/64	1-57/64	5	0.76	
T15815878	W04087	1 5/8	1 5/8	7/8	45/64	45/64	1-53/64	5	0.76	
T158158118	W04086	1 5/8	1 5/8	1-1/8	45/64	45/64	1-19/32	5	0.76	
T158158138	W04085	1 5/8	1 5/8	1-3/8	45/64	45/64	15/16	5	0.76	
T158158218	W40121	1 5/8	1 5/8	2-1/8	1-1/16	1-1/16	57/64	2	1.38	
T21858218	W40249	2 1/8	5/8	2-1/8	1-3/32	2-23/32	1-1/8	5	2.01	
T21878218	W40248	2 1/8	7/8	2-1/8	1-3/32	2-11/16	1-1/8	5	2.01	
T218118118	W40247	2 1/8	1 1/8	1-1/8	1-3/32	2-17/32	1-1/8	5	1.16	
T218118218	W40245	2 1/8	1 1/8	2-1/8	19/32	2-61/64	1-9/32	5	2.01	
T21813878	W40119	2 1/8	1 3/8	7/8	37/64	1-19/32	1-11/16	5	1.13	
T218138118	W40118	2 1/8	1 3/8	1-1/8	19/32	1-37/64	1-5/16	2	1.13	
T218138138	W40117	2 1/8	1 3/8	1-3/8	27/32	1-27/32	1-27/32	2	1.46	
T218138158	W40116	2 1/8	1 3/8	1-5/8	27/32	1-27/32	1-7/32	2	1.46	
T218138218	W40115	2 1/8	1 3/8	2-1/8	1-7/64	2-3/64	1-7/64	2	1.89	

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REDUCING TEE (CONT'D.)

Part No.	Industry No.	OD (In.)			Dimensions (In.)			Box Qty*	Wgt/Ea. (Lbs.)	Price
		1	2	3	A	A	C			
T21815878	W40113	2 1/8	1 5/8	7/8	37/64	1-29/64	1-11/16	2	1.13	
T218158118	W40112	2 1/8	1 5/8	1-1/8	37/64	1-29/64	1-19/64	2	1.13	
T218158138	W40111	2 1/8	1 5/8	1-3/8	27/32	1-23/32	1-27/32	2	1.46	
T218158158	W40110	2 1/8	1 5/8	1-5/8	27/32	1-23/32	1-7/32	2	1.46	
T218158218	W40109	2 1/8	1 5/8	2-1/8	1-3/32	1-63/64	1-3/32	2	1.89	
T21821812	W40108	2 1/8	2 1/8	1/2	37/64	37/64	2-1/64	2	0.97	
T21821858	W40107	2 1/8	2 1/8	5/8	37/64	37/64	1-15/16	5	0.97	
T21821878	W40106	2 1/8	2 1/8	7/8	37/64	37/64	1-11/16	5	0.97	
T218218118	W40105	2 1/8	2 1/8	1-1/8	37/64	37/64	1-9/32	5	0.97	
T218218138	W40104	2 1/8	2 1/8	1-3/8	27/32	27/32	1-27/32	5	1.26	
T218218158	W40103	2 1/8	2 1/8	1-5/8	27/32	27/32	1-13/64	5	1.26	
T218218258	W40144	2 1/8	2 1/8	2-5/8	1-11/32	1-11/32	1-3/32	1	2.94	
T25878258	W40222	2 5/8	7/8	2-5/8	1-5/16	3-5/16	1-3/8	4	3.04	
T258118158	W40257	2 5/8	1 1/8	1-5/8	1-3/32	2-23/32	2-7/16	4	2.47	
T258118258	W40221	2 5/8	1 1/8	2-5/8	1-5/16	3	1-29/64	4	3.04	
T258138218	W40250	2 5/8	1 3/8	2-1/8	1-3/32	2-35/64	1-1/2	4	2.47	
T258158158	W40139	2 5/8	1 5/8	1-5/8	1-3/32	2-27/64	2-7/16	4	2.11	
T25821878	W40135	2 5/8	2 1/8	7/8	1-5/64	2-11/64	3-1/32	4	2.36	
T258218118	W40134	2 5/8	2 1/8	1-1/8	1-5/64	2-11/64	2-51/64	4	2.36	
T258218138	W40133	2 5/8	2 1/8	1-3/8	1-5/64	2-11/64	2-5/8	4	2.36	
T258218158	W40132	2 5/8	2 1/8	1-5/8	1-5/64	2-11/64	2-7/16	4	2.36	
T258218218	W40131	2 5/8	2 1/8	2-1/8	1-5/64	2-11/64	1-1/2	2	2.36	
T258218258	W40130	2 5/8	2 1/8	2-5/8	1-5/16	2-7/16	1-3/8	4	3.04	
T25825858	W40129	2 5/8	2 5/8	5/8	1-3/32	1-3/32	3	1	2.05	
T25825878	W40128	2 5/8	2 5/8	7/8	1-3/32	1-3/32	2-55/64	1	2.05	
T258258118	W40127	2 5/8	2 5/8	1-1/8	1-3/32	1-3/32	2-25/32	2	2.05	
T258258138	W40126	2 5/8	2 5/8	1-3/8	1-3/32	1-3/32	2-1/2	2	2.05	
T258258158	W40125	2 5/8	2 5/8	1-5/8	1-3/32	1-3/32	2-5/16	2	2.05	
T258258218	W40124	2 5/8	2 5/8	2-1/8	1-3/32	1-3/32	1-17/32	2	2.05	
T318218218	W40164	3 1/8	2 1/8	2-1/8	1-5/64	2-17/32	1-25/32	2	2.95	
T318258218	W40157	3 1/8	2 5/8	2-1/8	1-5/64	2-5/32	1-25/32	2	2.95	
T318258258	W40158	3 1/8	2 5/8	2-5/8	1-19/32	2-13/16	2-27/32	2	5.2	
T31831878	W40146	3 1/8	3 1/8	7/8	23/32	23/32	2-11/32	2	2.01	
T318318118	W40147	3 1/8	3 1/8	1-1/8	23/32	23/32	1-55/64	2	2.01	
T318318138	W40148	3 1/8	3 1/8	1-3/8	1-5/64	1-5/64	3	2	2.55	
T318318158	W40149	3 1/8	3 1/8	1-5/8	1-5/64	1-5/64	2-3/4	2	2.55	
T318318218	W40150	3 1/8	3 1/8	2-1/8	1-5/64	1-5/64	1-25/32	2	2.55	
T318318258	W40151	3 1/8	3 1/8	2-5/8	1-19/32	1-19/32	2-31/32	2	4.62	
T418158418	W40215	4 1/8	1 5/8	4-1/8	2-1/8	4-27/64	2-13/64	1	10.97	
T418258418	W40212	4 1/8	2 5/8	4-1/8	2-1/8	3-15/16	2-13/64	1	10.97	
T41841878	W40192	4 1/8	4 1/8	7/8	9/16	9/16	3-1/16	1	3.59	
T418418118	W40193	4 1/8	4 1/8	1-1/8	37/64	37/64	2-37/64	1	3.59	
T418418138	W40194	4 1/8	4 1/8	1-3/8	1-1/16	1-1/16	3-5/8	1	4.72	
T418418158	W40195	4 1/8	4 1/8	1-5/8	1-1/16	1-1/16	3-7/32	1	4.72	
T418418218	W40196	4 1/8	4 1/8	2-1/8	1-1/16	1-1/16	2-23/64	1	4.72	
T418418258	W40197	4 1/8	4 1/8	2-5/8	1-19/32	1-19/32	3-13/64	1	5.62	
T418418318	W40198	4 1/8	4 1/8	3-1/8	1-19/32	1-19/32	2-41/64	1	5.62	

 Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

Note: Box Quantity for ordering convenience only

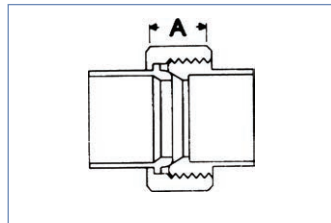
COPPER FITTING

UNION COUPLING

CONNECTION C X C



U38



Part No.	Industry No.	OD (In.)	Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
U38	W08001	3/8	19/32	25	0.12	☎
U12	W08002	1/2	7/16	25	0.11	☎
U58	W08003	5/8	15/32	25	0.17	☎
U78	W08004	7/8	5/8	10	0.37	☎
U118	W08005	1 1/8	29/64	10	0.51	☎
U138	A11205	1 3/8	1/2	5	0.76	☎
U158	A11206	1 5/8	23/32	5	1.04	☎
U218	A11207	2 1/8	1/2	—	1.77	☎
U258	A11216	2 5/8	1	—	3.25	☎
U318	A11217	3 1/8	1-5/32	—	4.75	☎



UM12

CONNECTION C X MPT

Part No.	Industry No.	OD (In.)	MPT (In.)	Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
UM12	A11209	1/2	1/2	1-5/8	25	0.2	☎
UM58	A11210	5/8	1/2	1-11/16	25	0.28	☎
UM78	A11211	7/8	3/4	1-29/32	10	0.43	☎
UM118	A11212	1 1/8	1	2-1/8	10	0.68	☎
UM138	A11213	1 3/8	1 1/4	2-5/32	5	0.95	☎
UM158	A11214	1 5/8	1 1/2	2-13/32	1	1.35	☎
UM218	A11215	2 1/8	2	2-25/32	1	2.17	☎
UM258	A11240	2 5/8	2 1/2	3-17/32	1	4.13	☎

FLEXIBLE REFRIGERANT HOSE



6MF48

These flexible units are fabricated of re brass tubing having a continuous helical corrugation covered by bronze braid. Standard models have an SAE male flare connector at one end and an SAE female flare swivel of the same size on the other end.

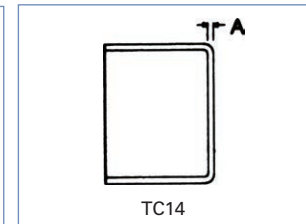


Connection					
Part No.	Size (In.)	Type	Hose ID (In.)	Overall Length (In.)	Price
6MF48	3/8	MFL x FFL Swivel	1/4	48	\$207.26
10MF48	5/8	MFL x FFL Swivel	1/2	48	\$294.50

TUBE CAP



TC14



TC14

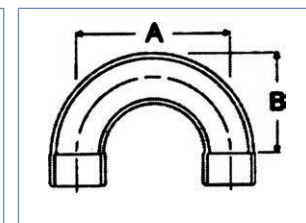
Connection C

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
TC14	W07002	1/4	1/32	50	0.01	☎
TC38	W07004	3/8	1/32	50	0.01	☎
TC12	W07006	1/2	1/32	50	0.01	☎
TC58	W07007	5/8	1/32	100	0.02	☎
TC34	W07008	3/4	3/64	50	0.03	☎
TC78	W07009	7/8	3/64	50	0.04	☎
TC118	W07011	1 1/8	3/64	50	0.08	☎
TC138	W07012	1 3/8	3/64	25	0.11	☎
TC158	W07013	1 5/8	1/16	25	0.18	☎
TC218	W07014	2 1/8	1/16	100	0.3	☎
TC258	W07015	2 5/8	5/64	50	0.48	☎
TC318	W07016	3 1/8	5/64	50	0.73	☎
TC358	W07017	3 5/8	3/32	25	1.15	☎
TC418	W07018	4 1/8	7/64	20	1.5	☎

RETURN BEND



RB38



Connection C x C

Part No.	Industry No.	OD (In.)	Dim. A (In.)	Dim. B (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
RB38	W06020	3/8	1-1/2	15/16	25	0.04	☎
RB12	W06032	1/2	1-1/2	1	50	0.06	☎
RB58	W06051	5/8	1-9/16	1-3/32	25	0.1	☎
RB34	W06073	3/4	2	1-3/8	10	0.16	☎
RB78	W06092	7/8	2-1/2	1-11/16	10	0.22	☎
RB118	W60110	1 1/8	3	2-1/16	5	0.46	☎
RB138	W60121	1 3/8	3-3/4	2-9/16	5	0.68	☎
RB158	W60131	1 5/8	4-1/2	3-1/6	1	1.0	☎
RB218	W60140	2 1/8	5-1/2	3-13/16	1	1.92	☎

Note: Box Quantity for ordering convenience only

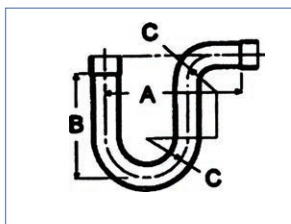
☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

P-TRAP - SUCTION LINE

CONNECTION C X C



PT58



			Dimensions (In.)			Box Qty*	Wgt/Ea. (Lbs.)	Price
Part No.	Industry No.	OD (In.)	A	B	C			
PT58	W60999	5/8	6	5-1/2	1-1/2	10	0.39	☎
PT34	W61008	3/4	5-7/8	5-3/8	1-1/2	10	0.48	☎
PT78	W61000	7/8	5-3/4	5-1/4	1-1/2	5	0.62	☎
PT118	W61001	1 1/8	5-1/32	5-3/32	1-1/2	3	0.89	☎
PT138	W61002	1 3/8	6-9/16	5-3/32	1-7/8	4	1.2	☎
PT158	W61003	1 5/8	8-21/32	7-29/32	2-1/2	4	2.1	☎
PT218	W61009	2 1/8	9-29/32	8-21/32	3	3	3.77	☎



PTL58

LONG RADIUS Connection C x C

Part No.	Industry No.	OD (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
PTL58	W60998	5/8	30	0.15	☎
PTL34	W60997	3/4	20	0.3	☎
PTL78	W60996	7/8	15	0.36	☎
PTL118	W60995	1 1/8	15	0.58	☎
PTL138	W60994	1 3/8	5	0.97	☎
PTL158	W60993	1 5/8	—	1.84	☎
PTL218	W60992	2 1/8	—	3.61	☎
PTL258	W60991	2 5/8	—	5.62	☎

STRAP



62325

COPPER STRAP Perforated copper strap, 3/4" wide

Part No.	Length (Ft.)	Price
62325	25.0	☎

TUBE STRAP

2-Hole



TS14

Part No.	Industry No.	OD (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
TS14	A01203	1/4	100	0.01	☎
TS38	A01278	3/8	100	0.01	☎
TS12	A01366	1/2	100	0.01	☎
TS58	A02529	5/8	100	0.01	☎
TS34	A01467	3/4	50	0.01	☎
TS78	A02574	7/8	50	0.01	☎
TS118	A02614	1 1/8	50	0.02	☎
TS138	A02650	1 3/8	50	0.04	☎
TS158	A02675	1 5/8	50	0.05	☎
TS218	A02708	2 1/8	25	0.06	☎

VIBRATION ABSORBER



14VS

Vibration absorbers are designed for installation in the suction and discharge lines of air conditioning and refrigeration systems to dampen the transmission of compressor -induced vibration through system piping. Vibration absorbers function best when installed as close to the compressor as

possible, and perpendicular to the major vibration direction. For optimum absorption of vibration, the refrigerant line should be anchored at the absorber end furthest from the vibration source.

- Flexible tubing: Corrugated red brass for 1/4"-1 5/8"; corrugated type 321 stainless steel for 2 1/8"-4 1/8"
- Wired braid: Bronze for 1/4"-1 5/8"; type 304 stainless steel for 2 1/8"-3 5/8"
- Ferrules: Copper for 1/4"-1 5/8"; type 304 stainless steel for 2 1/8"-3 5/8"
- Tube ends: Copper

IRP International
Refrigeration Products

Part No.	OD (In.)	Length (In.)	Max. Operating Pressure (psi)	Burst Pressure	Price
14VS	1/4	7 1/2	500.0	2,500 psi	\$30.20
38VS	3/8	8 1/4	500.0	2,500 psi	\$33.64
12VS	1/2	9	500.0	2,500 psi	\$34.14
58VS	5/8	9 3/4	500.0	2,500 psi	\$34.60
34VS	3/4	10	500.0	2,500 psi	\$39.40
78VS	7/8	11 1/2	500.0	2,500 psi	\$50.82
118VS	1 1/8	13	500.0	2,500 psi	\$62.92
138VS	1 3/8	14 3/4	500.0	2,500 psi	\$88.78
158VS	1 5/8	17	500.0	2,500 psi	\$133.36
218VS	2 1/8	20	390.0	1,950 psi	\$201.06
258VS	2 5/8	24	340.0	1,700 psi	\$373.80
318VS	3 1/8	27	300.0	1,500 psi	\$434.96
358VS ¹	3 5/8	32 5/8	175.0	525 psi	\$1,261.36
418VS ¹	4 1/8	33 3/8	175.0	525 psi	\$1,339.32

¹U.L. and C.S.A. approved for low side (suction side) use only.

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Note: Box Quantity for ordering convenience only

QUICK CONNECT

QUICK CONNECT REFRIGERANT FITTINGS

No brazing no tools, no nitrogen purge, no hot work safety concerns. UL Listed.

Applications

- AC/R - Liquid/Suction Lines
- Glycol
- Non-Potable Water

Product Parameters

- Continuous Operating Temperature: 250°F
- O-Ring Temperature Rating -40°F / 250°F
- Maximum Rated Pressure: 653 PSI
- Minimum Burst Pressure: 2,100 PSI
- Vacuum Pressure Capability: 30 Microns

Approved Refrigerants

- R134a, R404A, R290, R407A, R600a, R500, R22, R410A, R32, R407C

Fitting Materials

- Fitting Body: C3771, PC (Polycarbonate)
- O-Ring: CR (Cholorprene Rubber)

Compatibility

- Tubing tolerance: ASTM B280, UNI EN 12735
- Approved tubing materials: copper to copper connection



SBC14

COUPLING



Part No.	Connection Size (In.)	OD (In.)	Length (In.)	Price
SBC14	1/4	0.787	1.890	\$18.98
SBC38	3/8	0.945	1.969	\$23.28
SBC12	1/2	1.063	2.126	\$27.06
SBC58	5/8	1.181	2.244	\$29.42
SBC34	3/4	1.457	2.579	\$47.34
SBC78	7/8	1.575	2.618	\$51.94



SBF14

FLARE FITTING



Part No.	Connection Size (In.)	OD (In.)	Length (In.)	Price
SBF14	1/4	0.669	1.516	\$17.52
SBF38	3/8	0.866	1.634	\$21.42
SBF12	1/2	0.945	1.831	\$24.84
SBF58	5/8	1.063	2.087	\$27.28



SBE4514

45 DEGREE ELBOW



Part No.	Connection Size (In.)	Length (In.)	Price
SBE4514	1/4	1.024	\$26.00
SBE4538	3/8	1.181	\$32.18
SBE4512	1/2	1.339	\$39.68
SBE4558	5/8	1.890	\$43.78



SBE14

90 DEGREE ELBOW



Part No.	Connection Size (In.)	OD (In.)	Length (In.)	Price
SBE14	1/4	0.787	1.161	\$22.32
SBE38	3/8	0.945	1.260	\$26.54
SBE12	1/2	1.063	1.417	\$31.06
SBE58	5/8	1.181	1.535	\$33.78
SBE34	3/4	1.457	1.732	\$53.74
SBE78	7/8	1.575	1.772	\$58.66



SBCR3814

REDUCER COUPLING



Part No.	Connection Size (In.)	OD (In.)	Price
SBCR3814	3/8 - 1/4	1.969	\$24.08
SBCR1238	1/2 - 3/8	2.165	\$26.66
SBCR5812	5/8 - 1/2	2.362	\$33.20



SBER3814

REDUCER ELBOW



Part No.	Connection Size (In.)	OD (In.)	Length (In.)	Price
SBER3814	3/8 - 1/4	1.024	1.181	\$27.64
SBER1238	1/2 - 3/8	1.181	1.339	\$31.42
SBER5812	5/8 - 1/2	1.339	1.398	\$40.32



SBDC1458

TOOLS

Installation tools for SB1 quick connect fittings



Part No.	Connection Size (In.)	Price
SBDC1458	1/4 - 5/8	\$20.44
SBLM1458	1/4 - 5/8	\$5.12
SBLMDC3478	3/4 - 7/8	\$21.12

REFRIGERANT PRESS FITTING

RLS Refrigerant Press Fittings are specially designed to work without brazing, which automatically makes your job simpler and faster when joining copper tubes. In addition, the one piece fittings are reliable, secure, leak-proof and more repeatable than brazed connections.

- Less equipment and no gas needed
- Safer conditions, no fire hazards, more environment-friendly
- No hot work permits required
- No solder-related quality issues
- More flexible access to job site
- No need to nitrogen-purge

Parameters:

- Continuous Operating Temperature: 250°F
- O-Ring Temperature Rating: -40 to 300°F
- Maximum Rated Pressure: 700 psi
- Maximum Burst Pressure: 3000 psi
- Vacuum Pressure Capability: 20 Microns
- External Leak Rate: <0.1 Ounces of Helium per Year at Operating Pressure Range

Compatibility

- Approved Oils: Mineral Oil, POE, PVE, PAG
- Approved Tubing Materials: Copper to Copper Connections
- Approved Copper Tubing Type: Annealed Copper Tubing
- Type ACR, M, L, K Hard Copper (all sizes except 1-1/8")



PZKC4HNBR



Part No.	RLS Part No.	OD (In.)	Price
PZKC4HNBR*	3011040400111	1/4	\$10.12
PZKC5HNBR*	3011050500111	5/16	\$12.28
PZKC6HNBR*	3011060600111	3/8	\$15.48
PZKC8HNBR*	3011080800111	1/2	\$19.38
PZKC10HNBR*	3011101000111	5/8	\$24.92
PZKC12HNBR*	3011121200111	3/4	\$29.94
PZKC14HNBR*	3011141400111	7/8	\$41.54
PZKC18HNBR*	3011181800111	1 1/8	\$49.84
PZKC22HNBR*	3011222200111	1 3/8	\$61.24



PZKRC4HNBR



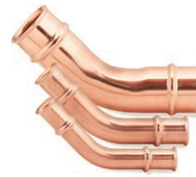
Part No.	RLS Part No.	OD (In.)	Price
PZKRC4HNBR*	3021040400111	1/4	\$25.44
PZKRC6HNBR*	3021060600111	3/8	\$22.58
PZKRC8HNBR*	3021080800111	1/2	\$25.52
PZKRC10HNBR*	3021101000111	5/8	\$29.66
PZKRC12HNBR*	3021121200111	3/4	\$37.52
PZKRC14HNBR*	3021141400111	7/8	\$40.66
PZKRC18HNBR*	3021181800111	1 1/8	\$50.00
PZKRC22HNBR*	3021222200111	1 3/8	\$74.58



PZK90E4HNBR



Part No.	RLS Part No.	OD (In.)	Price
PZK90E4HNBR*	3031040400111	1/4	\$21.38
PZK90E5HNBR*	3031050500111	5/16	\$24.36
PZK90E6HNBR*	3031060600111	3/8	\$31.18
PZK90E8HNBR*	3031080800111	1/2	\$34.56
PZK90E10HNBR*	3031101000111	5/8	\$35.58
PZK90E12HNBR*	3031121200111	3/4	\$47.26
PZK90E14HNBR*	3031141400111	7/8	\$44.12
PZK90E18HNBR*	3031181800111	1 1/8	\$58.96
PZK90E22HNBR*	3031222200111	1 3/8	\$73.08



PZK45E6HNBR



Part No.	RLS Part No.	OD (In.)	Price
PZK45E6HNBR*	3081060600111	3/8	\$41.76
PZK45E8HNBR*	3081080800111	1/2	\$46.30
PZK45E10HNBR*	3081101000111	5/8	\$50.86
PZK45E12HNBR*	3081121200111	3/4	\$56.28
PZK45E14HNBR*	3081141400111	7/8	\$63.06
PZK45E18HNBR*	3081181800111	1 1/8	\$79.00
PZK45E22HNBR*	3081222200111	1 3/8	\$97.92

SLIP COUPLING**90° ELBOW****45° ELBOW**

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

RLS FITTINGS

REFRIGERANT PRESS FITTING



PZK90SE6HNBR

LONG RADIUS STREET ELBOW



Part No.	RLS Part No.	OD (In.)	Price
PZK90SE6HNBR*	3501060600111	3/8	\$45.16
PZK90SE8HNBR*	3501080800111	1/2	\$46.32
PZK90SE10HNBR*	3501101000111	5/8	\$51.72
PZK90SE12HNBR*	3501121200111	3/4	\$57.30
PZK90SE14HNBR*	3501141400111	7/8	\$62.98
PZK90SE18HNBR*	3501181800111	1 1/8	\$69.30
PZK90SE22HNBR*	3501222200111	1 3/8	\$87.10



PZKPT8NA

P-TRAP



Part No.	RLS Part No.	OD (In.)	Price
PZKPT8NA*	3761080800111	1/2	\$13.82
PZKPT10NA*	3761101000111	5/8	\$19.68
PZKPT12NA*	3761121200111	3/4	\$26.82
PZKPT14NA*	3761141400111	7/8	\$39.14
PZKPT18NA*	3761181800111	1 1/8	\$68.82
PZKPT22NA* ¹	3761222200111	1 3/8	\$117.34

¹Can only be crimped with 19 kN Klauke tools or RIDGID crimping jaws.



PZKT6HNBR

TEE



Part No.	RLS Part No.	OD (In.)	Price
PZKT6HNBR*	3091060600111	3/8	\$49.10
PZKT8HNBR*	3091080800111	1/2	\$53.40
PZKT10HNBR*	3091101010111	5/8	\$56.42
PZKT12HNBR*	3091121212111	3/4	\$62.64
PZKT14HNBR*	3091141414111	7/8	\$70.86
PZKT18HNBR*	3091181818111	1 1/8	\$91.40
PZKT22HNBR*	3091222222111	1 3/8	\$115.48



PZKY6NA

Y-JOINT



Part No.	RLS Part No.	OD (In.)	Price
PZKY6NA*	3771060606111	3/8	\$15.92
PZKY8NA*	3771080808111	1/2	\$22.98
PZKY10NA*	3771101010111	5/8	\$31.06
PZKY12NA*	3771121212111	3/4	\$41.16
PZKY14NA*	3771141414111	7/8	\$64.04
PZKY18NA*	3771181818111	1 1/8	\$88.26



PZKR64HNBR

REDUCER



Part No.	RLS Part No.	Size (In.)	Price
PZKR64HNBR*	3051060400111	3/8 to 1/4	\$28.38
PZKR84HNBR*	3051080400111	1/2 to 1/4	\$29.46
PZKR86HNBR*	3051080600111	1/2 to 3/8	\$31.32
PZKR104HNBR*	3051100400111	5/8 to 1/4	\$30.38
PZKR106HNBR*	3051100600111	5/8 to 3/8	\$31.78
PZKR108HNBR*	3051100800111	5/8 to 1/2	\$33.88
PZKR1210HNBR*	3051121000111	3/4 to 5/8	\$39.88
PZKR128HNBR*	3051120800111	3/4 to 1/2	\$33.58
PZKR148HNBR*	3051140800111	7/8 to 1/2	\$36.64
PZKR1410HNBR*	3051141000111	7/8 to 5/8	\$41.92
PZKR1412HNBR*	3051141200111	7/8 to 3/4	\$52.32
PZKR188HNBR*	3051180800111	1 1/8 to 1/2	\$57.18
PZKR1810HNBR*	3051181000111	1 1/8 to 5/8	\$58.58
PZKR1812HNBR*	3051181200111	1 1/8 to 3/4	\$54.50
PZKR1814HNBR*	3051181400111	1 1/8 to 7/8	\$63.46
PZKR2214HNBR*	3051221400111	1 3/8 to 7/8	\$72.62
PZKR2218HNBR*	3051221800111	1 3/8 to 1 1/8	\$72.92



PZKB86HNBR

REDUCING BUSHING, FLARE



Part No.	RLS Part No.	Size (In.)	Price
PZKB86HNBR*	3521080600111	1/2 to 3/8	\$40.42
PZKB108HNBR*	3521100800111	5/8 to 1/2	\$41.50
PZKB1814HNBR*	3521181400111	1 1/8 to 7/8	\$68.96

CAP



PZKCP4HNBR



Part No.	RLS Part No.	Size (In.)	Price
PZKCP4HNBR*	3071040000111	1/4	\$12.14
PZKCP5HNBR*	3071050000111	5/16	\$12.62
PZKCP6HNBR*	3071060000111	3/8	\$17.82
PZKCP8HNBR*	3071080000111	1/2	\$21.30
PZKCP10HNBR*	3071100000111	5/8	\$23.52
PZKCP12HNBR*	3071120000111	3/4	\$29.72
PZKCP14HNBR*	3071140000111	7/8	\$27.24
PZKCP18HNBR*	3071180000111	1 1/8	\$33.42
PZKCP22HNBR*	3071220000111	1 3/8	\$38.14

FITTING, FLARE



PZKF4HNBR



Part No.	RLS Part No.	Size (In.)	Price
PZKF4HNBR*	3291040000111	1/4	\$20.24
PZKF6HNBR*	3291060000111	3/8	\$25.26
PZKF8HNBR*	3291080000111	1/2	\$31.02
PZKF10HNBR*	3291100000111	5/8	\$34.80
PZKF12HNBR*	3291120000111	3/4	\$48.68



EBVP1023PZK

BALL VALVE, FLARE

- Compatible with ZoomLock™ braze-free fitting
- ODM X ODM connections
- Dual Teflon seals surround the polished, brass ball to prevent leakage. Stem seal and stem washer provide the primary stem seal. Bottom load stem for safety
- Stainless steel stop plate ensures fully open to fully closed with a 1/4 turn
- Ball internal relief port design ensures positive shut-off in either flow direction, even during system evacuation
- Ball valves are bi-directional and may be installed in any position.
- Full refrigeration service temperature range: -40 to +300°F
- Design working pressure: 700 psig
- Suitable for use with R-134a, R-404A, R-407A, R-407C, R-407F, R-410A, R-422D, R-448A, R-449A, R-450A, R-507 and R-513A



Part No.	RLS Part No.	Connection Size (In.)	Overall Length (In.)	Flow (Cv)	Price
EBVP1023PZK*	3791040400111	1/4	6.50	2.1	\$62.12
EBVP1033PZK*	3791060600111	3/8	6.50	4.3	\$50.82
EBVP1043PZK*	3791080800111	1/2	6.50	7.0	\$57.62
EBVP1053PZK*	3791101000111	5/8	6.50	13.9	\$61.38
EBVP1063PZK*	3791121200111	3/4	7.25	21.0	\$86.50
EBVP1073PZK*	3791141400111	7/8	7.25	30.3	\$80.98
EBVP1093PZK*	3791181800111	1 1/8	8.50	61.3	\$128.28



PZKJ4

KLAUKE® COMPATIBLE PRESSING JAW



Part No.	RLS Part No.	Size (In.)	Use with	Price
PZKJ4*	399021151040	1/4	Klauke 15 kN Crimping Tool	\$307.70
PZKJ5*	399021151050	5/16	Klauke 15 kN Crimping Tool	\$307.70
PZKJ6*	399021151060	3/8	Klauke 15 kN Crimping Tool	\$307.70
PZKJ8*	399021151080	1/2	Klauke 15 kN Crimping Tool	\$307.70
PZKJ10*	399021151100	5/8	Klauke 15 kN Crimping Tool	\$307.70
PZKJ12*	399021151120	3/4	Klauke 15 kN Crimping Tool	\$307.70
PZKJ14*	399021151140	7/8	Klauke 15 kN Crimping Tool	\$307.70
PZKJ18*	399021151180	1 1/8	Klauke 15 kN Crimping Tool	\$307.70
PZKKJ4*	399021191040	1/4	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ5*	399021191050	5/16	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ6*	399021191060	3/8	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ8*	399021191080	1/2	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ10*	399021191100	5/8	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ12*	399021191120	3/4	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ14*	399021191140	7/8	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ18*	399021191180	1 1/8	Klauke 19 kN Crimping Tool	\$430.76
PZKKJ22*	399021191220	1 3/8	Klauke 19 kN Crimping Tool	\$676.92

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REFRIGERANT PRESS FITTING



**RIDGID® COMPATIBLE
PRESSING JAW**



Part No.	RLS Part No.	Size (In.)	Price
PZKRJ4*	399022001040	1/4	\$461.54
PZKRJ5*	399022001050	5/16	\$461.54
PZKRJ6*	399022001060	3/8	\$461.54
PZKRJ8*	399022001080	1/2	\$461.54
PZKRJ10*	399022001100	5/8	\$461.54
PZKRJ12*	399022001120	3/4	\$461.54
PZKRJ14*	399022001140	7/8	\$461.54
PZKRJ18*	399022001180	1 1/8	\$461.54
PZKRJ22*	399022001220	1 3/8	\$461.54



PRESSING JAW KIT



Part No.	RLS Part No.	Description	Price
770208*	399031190801	8-Piece Jaw Kit (J Series) in Carrying Case. Includes sizes 1/4 through 1 1/8	\$3,269.14
770239*	3471000000100	8-Piece Jaw Kit (KJ Series) in Carrying Case. Includes sizes 1/4 through 1 3/8	\$4,461.54
770219*	3391000000100	9-Piece Jaw Kit (RJ Series) in Carrying Case. Includes sizes 1/4 through 1 3/8	\$4,461.54
770240*	3481000000100	Jaw Carrying Case, Empty, 9 Empty Slots (for 770208 or 770239)	\$246.16
770220*	3401000000100	Jaw Carrying Case, Empty, 9 Empty Slots (for 770219)	\$258.46

TUBE, INSULATION, FITTINGS



JAW TOOL KIT

Crimping Tool Specifications

- Short pressing cycle, 5-7 seconds
- Compact design and 350° jaw rotation allows technician to install in tight spaces
- Lightweight design increases productivity
- Tool service indicated via imbedded LEDs, illuminates at 10,000 cycles
- Automatic piston return
- Safety feature that allows crimp cycle to be interrupted
- High-quality, powerful Makita Li-Ion technology for lasting, battery-powered pressing

Each kit includes:

- Crimping Tool
- Tubing Cutter
- Deburring Tool
- RLS Crimp Gauge
- Stainless Steel Brush
- Abrasive Pad
- Permanent Marker
- Battery Charger
- (2) Lithium-Ion Rechargeable Batteries



Part No.	RLS Part No.	Description	Price
770016*	399031000100	Replacement Klauke empty tool kit case	\$272.52
PZKTK190*	399011190001	Includes: Klauke® 19 kN (use w/ JK Series Jaws, crimps up to 1 3/8")	\$5,015.38
PZKTK195*	399011190501	Jaw Tool Kit. Includes: 5 Jaws (3/8", 1/2", 5/8", 7/8", 1 1/8"), Klauke® 19 kN (use w/ JK Series Jaws, crimps up to 1 3/8")	\$7,015.38



RLS CRIMP GAUGE

Confirms the measurement of the finished crimp band diameter.



Part No.	RLS Part No.	Description	Price
PZKNG1*	3720000000000	Crimpe Gauge	\$9.24



DIAGNOSTIC TOOL

Adaptor tool for crimping tool diagnostics. Easily connect to PC via USB-Interface. Provides statistical evaluation of average crimping process of tool. Free downloading of Software "iPress" via www.klauke.com.



Part No.	RLS Part No.	Description	Price
PGA1*	3170000000000	Klauke Diagnostic Tool	\$1,169.24

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

FLARE NUT



NS43

SHORT

Connection FFL x OD

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
NS43	3/16	0.033	\$3.70
NS44	1/4	0.035	\$2.00
NS45	5/16	0.039	\$3.66
NS46	3/8	0.052	\$2.60
NS48	1/2	0.076	\$3.60
NS410	5/8	0.12	\$5.06
NS412	3/4	0.231	\$11.06
NS414	7/8	0.255	\$15.86



HNS44

EXTRA HEAVY SHORT

Connection FFL x OD

Part No.	Connection Size (In.)	Price
HNS44	1/4	\$3.06
HNS46	3/8	\$3.40
HNS48	1/2	\$4.70
HNS410	5/8	\$5.90
HNS412	3/4	\$12.16



N44

LONG

Connection FFL x OD

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
N44	1/4	0.049	\$4.60
N45	5/16	0.05	\$10.90
N46	3/8	0.081	\$7.86
N48	1/2	0.112	\$8.80
N410	5/8	0.207	\$10.66
N412	3/4	0.36	\$14.96



NST44

FROST FREE SHORT

Connection FFL x OD

Part No.	Connection Size (In.)	Price
NST44	1/4	\$4.46
NST46	3/8	\$4.76
NST48	1/2	\$7.00
NST410	5/8	\$9.06



NRS443

REDUCING SHORT

Connection FFL x OD

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
NRS443	1/4	3/16	0.04	\$2.70
NRS454	5/16	1/4	0.04	\$7.66
NRS464	3/8	1/4	0.059	\$3.70
NRS465	3/8	5/16	0.06	\$4.60
NRS486	1/2	3/8	0.081	\$4.10
NRS4108	5/8	1/2	0.128	\$6.96
NRS4128	3/4	1/2	0.27	\$12.26
NRS41210	3/4	5/8	0.26	\$11.70

CONNECTOR



U44

FLARE

Connection FFL x FFL

- Appropriate flare gaskets include

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
U44	1/4	0.09	\$7.96
U46	3/8	0.158	\$16.20
U48	1/2	0.215	\$22.10
U410	5/8	0.245	\$21.30
U412	3/4	0.09	\$36.20

BRASS FITTING-FLARE

CONNECTOR



SWIVEL NUT

Connection FFL x FFL

US44

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
US44	1/4	0.076	\$8.26
US45	5/16	0.1	\$11.30
US46	3/8	0.12	\$9.06
US48	1/2	0.164	\$11.16
US410	5/8	0.254	\$16.06
US412	3/4	0.42	\$26.80



MALE UNION

Connection MFL x MFL

U22

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
U22	1/8	0.015	\$7.20
U23	3/16	0.024	\$2.66
U24	1/4	0.034	\$1.86
U25	5/16	0.05	\$2.10
U26	3/8	0.086	\$3.06
U28	1/2	0.13	\$5.00
U210	5/8	0.196	\$6.96
U212	3/4	0.363	\$16.06



MALE UNION, REDUCING

Connection MFL x MFL

UR243

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
UR243	1/4	3/16	0.03	\$5.80
UR254	5/16	1/4	0.05	\$5.56
UR264	3/8	1/4	0.066	\$3.36
UR265	3/8	5/16	0.073	\$6.70
UR284	1/2	1/4	0.096	\$6.46
UR286	1/2	3/8	0.117	\$4.80
UR2106	5/8	3/8	0.165	\$7.06
UR2108	5/8	1/2	0.177	\$8.06
UR2128	3/4	1/2	0.31	\$24.26
UR21210	3/4	5/8	0.33	\$27.96



FEMALE UNION, REDUCING

Connection FFL x MFL

- Appropriate flare gasket include

UR334

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
UR334	3/16	1/4	0.05	\$8.66
UR343	1/4	3/16	0.05	\$15.76
UR346	1/4	3/8	0.062	\$8.06
UR348	1/4	1/2	0.11	\$13.50
UR354	5/16	1/4	0.21	\$13.40
UR364	3/8	1/4	0.095	\$9.76
UR368	3/8	1/2	0.132	\$11.60
UR3610	3/8	5/8	0.21	\$17.10
UR384	1/2	1/4	0.138	\$11.76
UR386	1/2	3/8	0.145	\$9.30
UR3810	1/2	5/8	0.163	\$15.20
UR3106	5/8	3/8	0.19	\$16.06
UR3108	5/8	1/2	0.194	\$16.76
UR31012	5/8	3/4	0.29	\$24.66
UR31210	3/4	5/8	0.336	\$28.00



MALE HALF UNION

Connection MFL x MPT

U13A

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
U13A	3/16	1/8	0.024	\$1.56
U14A	1/4	1/8	0.027	\$1.80
U14B	1/4	1/4	0.043	\$2.10
U14C	1/4	3/8	0.071	\$3.16
U14D	1/4	1/2	0.117	\$6.50
U15A	5/16	1/8	0.038	\$1.86
U15B	5/16	1/4	0.051	\$2.00
U15C	5/16	3/8	0.074	\$4.10
U16A	3/8	1/8	0.062	\$2.36
U16B	3/8	1/4	0.073	\$2.56
U16C	3/8	3/8	0.086	\$2.90
U16D	3/8	1/2	0.129	\$4.16
U16E	3/8	3/4	0.191	\$9.86
U18A	1/2	1/8	0.101	\$17.70
U18B	1/2	1/4	0.101	\$3.90
U18C	1/2	3/8	0.113	\$4.36
U18D	1/2	1/2	0.144	\$5.50
U18E	1/2	3/4	0.208	\$8.26
U110B	5/8	1/4	0.154	\$9.46

Continued...

MALE HALF UNION (CONT'D.)

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
U110C	5/8	3/8	0.151	\$5.56
U110D	5/8	1/2	0.176	\$6.06
U110E	5/8	3/4	0.245	\$8.00
U112C	3/4	3/8	0.274	\$14.00
U112D	3/4	1/2	0.274	\$12.06
U112E	3/4	3/4	0.284	\$13.76



U64A

FEMALE HALF UNION

Connection FFL x FPT

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
U64A	1/4	1/8	0.027	\$9.76
U64B	1/4	1/4	0.045	\$10.76



U54A

PIPE

Connection FFL x MPT

- Appropriate flare gasket include

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
U54A	1/4	1/8	0.05	\$5.00
U54B	1/4	1/4	0.06	\$6.00
U56B	3/8	1/4	0.1	\$8.70
U58C	1/2	3/8	0.16	\$13.86
U58D	1/2	1/2	0.16	\$15.00
U510C	5/8	3/8	0.05	\$16.66



U33A

FEMALE HALF UNION

Connection MFL x FPT

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
U33A	3/16	1/8	0.035	\$2.26
U34A	1/4	1/8	0.038	\$2.00
U34B	1/4	1/4	0.064	\$2.60
U34C	1/4	3/8	0.081	\$5.70
U34D	1/4	1/2	0.08	\$14.66

Continued...

FEMALE HALF UNION (CONT'D.)

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
U35A	5/16	1/8	0.042	\$2.36
U35B	5/16	1/4	0.068	\$3.70
U36A	3/8	1/8	0.064	\$4.10
U36B	3/8	1/4	0.079	\$2.60
U36C	3/8	3/8	0.097	\$3.30
U36D	3/8	1/2	0.162	\$5.00
U36E	3/8	3/4	0.16	\$6.46
U38B	1/2	1/4	0.11	\$4.86
U38C	1/2	3/8	0.11	\$3.90
U38D	1/2	1/2	0.173	\$6.80
U38E	1/2	3/4	0.187	\$6.46
U310C	5/8	3/8	0.149	\$6.40
U310D	5/8	1/2	0.19	\$5.56
U310E	5/8	3/4	0.276	\$7.10
U312D	3/4	1/2	0.31	\$23.20
U312E	3/4	3/4	0.38	\$19.70



US344

SWEAT

Connection MFL x OD

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
US344	1/4	1/4	0.03	\$6.36
US346	1/4	3/8	0.03	\$8.50
US364	3/8	1/4	0.08	\$8.00
US366	3/8	3/8	0.06	\$7.96
US368	3/8	1/2	0.06	\$9.46
US3610	3/8	5/8	0.08	\$15.20
US386	1/2	3/8	0.11	\$9.76
US388	1/2	1/2	0.11	\$8.96
US3810	1/2	5/8	0.1	\$13.40
US3812	1/2	3/4	0.1	\$16.26
US3108	5/8	1/2	0.16	\$14.06
US31010	5/8	5/8	0.15	\$17.46
US31012	5/8	3/4	0.15	\$20.60
US3128	3/4	1/2	0.25	\$19.90
US31212	3/4	3/4	0.25	\$40.00

BRASS FITTING-FLARE

COUPLING



SWEAT SWIVEL

Connection FFL x OD

Part No.	Connection (In.)		Price
	Size 1	Size 2	
US544	1/4	1/4	\$10.50
US566	3/8	3/8	\$10.86
US588	1/2	1/2	\$16.06
US51010	5/8	5/8	\$19.76
US51212	3/4	3/4	\$24.70



MALE FLARE

Connection MFL x MFL

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
E23	3/16	0.037	\$11.16
E24	1/4	0.055	\$3.70
E25	5/16	0.061	\$5.56
E26	3/8	0.1	\$5.10
E28	1/2	0.189	\$7.66
E210	5/8	0.23	\$10.90
E212	3/4	0.534	\$33.86



MALE FLARE, REDUCING

Connection MFL x MFL

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
ER264	3/8	1/4	0.11	\$6.70
ER284	1/2	1/4	0.13	\$10.40
ER286	1/2	3/8	0.17	\$8.96
ER2106	5/8	3/8	0.2	\$12.70
ER2108	5/8	1/2	0.21	\$12.60
ER2128	3/4	1/2	0.42	\$6.46



MALE TO FEMALE FLARE

Connection MFL x FFL

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
E444	1/4	0.13	\$10.00
E466	3/8	0.24	\$15.50
E488	1/2	0.22	\$20.46
E41010	5/8		\$34.86



SWIVEL

Connection MFL x FFL

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
ES444	1/4	0.13	\$17.60
ES466	3/8	0.19	\$24.10
ES488	1/2	0.22	\$25.10
ES41010	5/8	0.31	\$37.26
ES41212	3/4	0.58	\$37.06



HALF UNION

Connection MFL x MPT

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
E13A	3/16	1/8	0.037	\$6.00
E14A	1/4	1/8	0.039	\$4.16
E14B	1/4	1/4	0.065	\$5.06
E14C	1/4	3/8	0.099	\$6.20
E14D	1/4	1/2	0.13	\$7.20
E15A	5/16	1/8	0.053	\$4.50
E15B	5/16	1/4	0.086	\$5.10
E15C	5/16	3/8	0.114	\$6.46
E16A	3/8	1/8	0.107	\$5.00
E16B	3/8	1/4	0.103	\$4.50
E16C	3/8	3/8	0.109	\$5.70
E16D	3/8	1/2	0.155	\$7.66
E16E	3/8	3/4	0.202	\$11.80
E18B	1/2	1/4	0.145	\$7.60
E18C	1/2	3/8	0.181	\$6.80
E18D	1/2	1/2	0.168	\$8.16

Continued...

HALF UNION (CONT'D.)

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
E18E	1/2	3/4	0.206	\$12.70
E110B	5/8	1/4	0.14	\$31.10
E110C	5/8	3/8	0.198	\$11.50
E110D	5/8	1/2	0.215	\$9.60
E110E	5/8	3/4	0.258	\$14.46
E112D	3/4	1/2	0.32	\$20.70
E112E	3/4	3/4	0.407	\$21.26



E33A

HALF UNION

Connection MFL x FPT

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
E33A	3/16	1/8	0.04	\$7.46
E34A	1/4	1/8	0.046	\$4.20
E34B	1/4	1/4	0.103	\$6.16
E34C	1/4	3/8	0.11	\$9.60
E35A	5/16	1/8	0.05	\$5.90
E35B	5/16	1/4	0.112	\$7.76
E36A	3/8	1/8	0.108	\$8.00
E36B	3/8	1/4	0.123	\$5.80
E36C	3/8	3/8	0.103	\$6.20
E36D	3/8	1/2	0.165	\$8.70
E36E	3/8	3/4	0.03	\$14.96
E38B	1/2	1/4	0.01	\$9.60
E38C	1/2	3/8	0.123	\$7.86
E38D	1/2	1/2	0.208	\$8.80
E38E	1/2	3/4	0.269	\$10.00
E310C	5/8	3/8	0.166	\$13.56
E310D	5/8	1/2	0.269	\$9.56
E310E	5/8	3/4	0.374	\$13.10
E312D	3/4	1/2	0.37	\$26.66
E312E	3/4	3/4	0.38	\$39.26



ES244

SWEAT

Connection Size 1 = M Flare
Connection Size 2 = ODF Sweat

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
ES244	1/4	1/4	0.04	\$9.76
ES266	3/8	3/8	0.08	\$10.90
ES288	1/2	1/2	0.12	\$20.36

TEE



T23

MALE FLARE

Connection MFL

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
T23	3/16	0.067	\$6.80
T24	1/4	0.068	\$6.96
T25TEE	5/16	0.139	\$7.16
T26	3/8	0.144	\$7.26
T28	1/2	0.203	\$9.06
T210	5/8	0.331	\$14.06
T212	3/4	0.68	\$31.66



TR246

MALE FLARE, REDUCING

Connection MFL

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Run	Branch		
TR246	1/4	3/8	0.11	\$8.10
TR264	3/8	1/4	0.128	\$8.56
TR268	3/8	1/2	0.2	\$10.76
TR284	1/2	1/4	0.21	\$13.00
TR286	1/2	3/8	0.195	\$9.60
TR2810	1/2	5/8	0.28	\$15.06
TR2106	5/8	3/8	0.27	\$14.90
TR2108	5/8	1/2	0.27	\$15.26
TR21012	5/8	3/4	0.43	\$18.60
TR21210	3/4	5/8	0.48	\$55.30



T64

FEMALE FLARE, BRANCH

Connection MFL x MFL x FFL (Branch)
• 1/4" flare gasket include

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
T64	1/4	0.14	\$9.96

BRASS FITTING-FLARE

TEE



T14A

MALE FLARE, BRANCH

Connection MFL x MFL x MPT (Branch)

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Run	Branch		
T14A	1/4	1/8	0.066	\$4.96
T14B	1/4	1/4	0.116	\$6.06
T14C	1/4	3/8	0.12	\$13.50
T15B	5/16	1/4	0.105	\$8.16
T16A	3/8	1/8	0.11	\$10.40
T16B	3/8	1/4	0.137	\$6.96
T16C	3/8	3/8	0.147	\$8.56
T16D	3/8	1/2	0.386	\$14.46
T18B	1/2	1/4	0.18	\$13.36
T18C	1/2	3/8	0.188	\$11.30
T18D	1/2	1/2	0.32	\$14.30
T110C	5/8	3/8	0.28	\$17.76
T110D	5/8	1/2	0.391	\$17.60
T112D	3/4	1/2	0.49	\$35.46
T112E	3/4	3/4	0.62	\$33.60



T54A

FEMALE BRANCH

Connection MFL x MFL x FPT (Branch)

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Run	Branch		
T54A	1/4	1/8	0.12	\$12.70
T54B	1/4	1/4	0.12	\$15.86



T33A

MALE RUN

Connection MFL x MPT x MFL (Branch)

Part No.	Connection (In.)			Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2	Branch		
T33A	3/16	1/8	3/16	0.05	\$8.10
T34A	1/4	1/8	1/4	0.066	\$6.46
T34B	1/4	1/4	1/4	0.085	\$7.20
T34C	1/4	3/8	1/4	0.09	\$12.60
T35A	5/16	1/8	5/16	0.09	\$7.60
T35B	5/16	1/4	5/16	0.107	\$11.46
T36B	3/8	1/4	3/8	0.134	\$8.00
T36C	3/8	3/8	3/8	0.147	\$8.50
T38C	1/2	3/8	1/2	0.193	\$12.50
T38D	1/2	1/2	1/2	0.261	\$16.16
T310C	5/8	3/8	5/8	0.41	\$13.80
T310D	5/8	1/2	5/8	0.362	\$23.36

CAP



N53

HEX

Connection FFL

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
N53	3/16	0.017	\$3.30
N54	1/4	0.023	\$1.10
N55	5/16	0.032	\$2.90
N56	3/8	0.043	\$2.90
N58	1/2	0.088	\$3.26
N510	5/8	0.093	\$5.06
N512	3/4	0.21	\$17.76



NFT54

FINGER TIGHT

Connection FFL

- Includes rubber seal ring

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
NFT54	1/4	0.02	\$1.56
NFT56	3/8	0.04	\$5.36

FLARE FITTING PLUG



P24

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
P24	1/4	0.022	\$1.56
P26	3/8	0.056	\$3.36
P28	1/2	0.09	\$5.16
P210	5/8	0.129	\$7.36
P212	3/4	0.23	\$22.36

FLARE NUT SEAL



B13

COPPER FLARE BONNET

Part No.	Size (In.)	Wgt/Ea. (Lbs.)	Price
B13	3/16	0.001	\$2.40
B14	1/4	0.002	\$1.80
B15	5/16	0.003	\$1.36
B16	3/8	0.004	\$1.36
B18	1/2	0.007	\$1.76
B110	5/8	0.01	\$2.26
B112	3/4	0.015	\$2.26

REFRIGERANT DRUM ADAPTER



K11

- Connection Size 1 (FPT) x Connection Size 2 (Male Flare)
- Supplied with gasket.
- K1 or P10A gaskets available separately (for K11, K13, K15)

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Price
	Size 1	Size 2		
K11	3/4	1/4	0.16	\$16.90
K13	3/4	3/8	0.19	\$19.56
K15	3/4	1/2	0.19	\$19.56
K18	1/2	1/4	0.15	\$26.70



B23

COPPER FLARE GASKET

Part No.	Size (In.)	Wgt/Ea. (Lbs.)	Price
B23	3/16	0.001	\$0.96
B24	1/4	0.001	\$0.90
B25	5/16	0.001	\$2.16
B26	3/8	0.002	\$1.10
B28	1/2	0.003	\$1.70
B210	5/8	0.003	\$2.36
B212	3/4	0.004	\$3.06

GASKET



P10A

Part No.	Description	Price
P10A	3/4" Gasket, for K11, K13, K15	\$1.10

PIPE NIPPLE



112A

CLOSE

Connection MPT x MPT

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
112A	1/8	0.011	\$1.46
112B	1/4	0.023	\$1.90
112C	3/8	0.034	\$3.16
112D	1/2	0.065	\$4.66
112E	3/4	0.179	\$9.00
112F	1	0.14	\$13.96

BRASS FITTING-PIPE

PIPE NIPPLE

LONG

Connection MPT



113A15

Part No.	Connection Size (In.)	Length (In.)	Wgt/Ea. (Lbs.)	Price
113A15	1/8	1 1/2	0.03	\$1.80
113A2	1/8	2	0.07	\$2.26
113A25	1/8	2 1/2	0.09	\$3.40
113A3	1/8	3	0.12	\$3.16
113A35	1/8	3 1/2	0.15	\$8.16
113A4	1/8	4	0.18	\$11.46
113A45	1/8	4 1/2	0.19	\$9.60
113A5	1/8	5	0.21	\$10.66
113A55	1/8	5 1/2	0.22	\$11.66
113A6	1/8	6	0.23	\$11.80
113B15	1/4	1 1/2	0.04	\$2.96
113B2	1/4	2	0.06	\$3.50
113B25	1/4	2 1/2	0.08	\$4.26
113B3	1/4	3	0.1	\$4.76
113B35	1/4	3 1/2	0.14	\$10.00
113B4	1/4	4	0.17	\$11.36
113B45	1/4	4 1/2	0.21	\$11.80
113B5	1/4	5	0.24	\$13.26
113B55	1/4	5 1/2	0.27	\$14.30
113B6	1/4	6	0.3	\$15.26
113C15	3/8	1 1/2	0.06	\$4.86
113C2	3/8	2	0.09	\$5.36
113C25	3/8	2 1/2	0.11	\$5.86
113C3	3/8	3	0.15	\$7.10
113C35	3/8	3 1/2	0.18	\$11.80
113C4	3/8	4	0.21	\$13.40
113C45	3/8	4 1/2	0.24	\$14.96
113C5	3/8	5	0.28	\$16.66
113C55	3/8	5 1/2	0.31	\$19.66
113C6	3/8	6	0.34	\$19.46
113D15	1/2	1 1/2	0.08	\$6.80
113D2	1/2	2	0.11	\$8.26
113D25	1/2	2 1/2	0.15	\$9.50
113D3	1/2	3	0.18	\$13.30
113D35	1/2	3 1/2	0.2	\$17.36
113D4	1/2	4	0.23	\$17.66
113D45	1/2	4 1/2	0.26	\$17.36
113D5	1/2	5	0.29	\$21.90
113D55	1/2	5 1/2	0.34	\$20.96
113D6	1/2	6	0.37	\$25.76
113E15	3/4	1 1/2	0.016	\$10.70
113E2	3/4	2	0.02	\$12.40
113E25	3/4	2 1/2	0.24	\$14.66
113E3	3/4	3	0.28	\$16.96

Continued...

LONG (CONT'D.)

Part No.	Connection Size (In.)	Length (In.)	Wgt/Ea. (Lbs.)	Price
113E35	3/4	3 1/2	0.36	\$17.20
113E4	3/4	4	0.4	\$21.56
113E45	3/4	4 1/2	0.44	\$14.80
113E5	3/4	5	0.48	\$27.20
113E55	3/4	5 1/2	0.52	\$27.86
113E6	3/4	6	0.56	\$31.10
113F15	1	2	0.25	\$20.70
113F25	1	2 1/2	0.312	\$24.50

HEX

Connection MPT



U10A

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
U10A	1/8	0.028	\$1.20
U10B	1/4	0.057	\$2.60
U10C	3/8	0.081	\$4.10
U10D	1/2	0.149	\$6.70
U10E	3/4	0.15	\$16.26

COUPLING

HEX

Connection FPT x FPT



C103A

Part No.	Connection Size (In.)	Price
C103A	1/8	\$1.80
C103B	1/4	\$4.00
C103C	3/8	\$4.76
C103D	1/2	\$8.16
C103E	3/4	\$13.00

BUSHING FORGED

Connection MPT x FPT



R1AB

Part No.	MPT (In.)	FPT (In.)	Wgt/Ea. (Lbs.)	Price
R1AB	1/8	1/4	0.025	\$2.90
R1BA	1/4	1/8	0.025	\$2.00
R1CA	3/8	1/8	0.049	\$3.00

Continued...

BUSHING FORGED (CONT'D.)

Part No.	MPT (In.)	FPT (In.)	Wgt/Ea. (Lbs.)	Price
R1CB	3/8	1/4	0.038	\$2.86
R1DA	1/2	1/8	0.129	\$4.26
R1DB	1/2	1/4	0.105	\$4.16
R1DC	1/2	3/8	0.069	\$4.00
R1EA	3/4	1/8	0.196	\$7.66
R1EB	3/4	1/4	0.196	\$7.70
R1EC	3/4	3/8	0.218	\$8.26
R1ED	3/4	1/2	0.122	\$8.06
R1FB	1	1/4	0.22	\$16.60
R1FC	1	3/8	0.2	\$16.60
R1FD	1	1/2	0.23	\$16.60
R1FE	1	3/4	0.2	\$16.60



BUSHING CAST

Connection MPT x FPT

Part No.	MPT (In.)	fPT (In.)	Wgt/Ea. (Lbs.)	Price
C110FD	1	1/2	0.253	\$15.20
C110FE	1	3/4	0.227	\$15.20
C110GE	1 1/4	3/4	0.408	\$31.30
C110GF	1 1/4	1	0.308	\$31.30
C110HF	1 1/2	1	0.558	\$39.16
C110HG	1 1/2	1 1/4	0.408	\$39.16
C110IH	2	1 1/2	0.5	\$66.90

ELBOW



Connection FPT

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
100A	1/8	0.06	\$5.00
100B	1/4	0.1	\$6.30
100C	3/8	0.16	\$8.40
100D	1/2	0.2	\$13.30
100E	3/4	0.36	\$25.26
100F	1	0.45	\$24.06



STREET ELBOW

Pipe Thread

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
R11612	3/4	0.337	\$21.36
R11616	1	0.499	\$28.76

PIPE PLUG



NON-FUSIBLE

Connection MPT

Part No.	MPT (In.)	Wgt/Ea. (Lbs.)	Price
P3A	1/8	0.019	\$1.90
P3B	1/4	0.037	\$2.10
P3C	3/8	0.061	\$3.36
P3D	1/2	0.088	\$4.70
P3E	3/4	0.13	\$9.06
P3F	1	0.21	\$15.66
P3G	1 1/4	0.31	\$28.06
P3H	1 1/2	0.41	\$35.46
P3I	2	0.68	\$55.80



FUSIBLE

Connection MPT

- Vent to atmosphere

Part No.	Description	MPT (In.)	Wgt/Ea. (Lbs.)	Price
FPA165	Relief Temperature 165°F	1/8	0.01	\$26.26
FPB165	Relief Temperature 165°F	1/4	0.03	\$18.76
FPC165	Relief Temperature 165°F	3/8	0.05	\$29.16
FPB212	Relief Temperature 212°F	1/4	0.03	\$19.10
FPC212	Relief Temperature 212°F	3/8	0.05	\$29.56
FPA280	Relief Temperature 280°F	1/8	0.01	\$21.00
FPB280	Relief Temperature 280°F	1/4	0.03	\$19.86
FPC280	Relief Temperature 280°F	3/8	0.05	\$30.50

BRASS FITTING-PIPE

BRASS FITTING-COMPRESSION

TEE



Connection FPT

101A

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
101A	1/8	0.1	\$4.60
101B	1/4	0.16	\$9.06
101C	3/8	0.2	\$12.30
101D	1/2	0.3	\$17.80
101E	3/4	0.48	\$29.00

HOSE BARB FITTING



HOSE BARB TO MALE PIPE

3434BARB

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
3434BARB	3/4	0.162	\$12.06
11BARB	1	0.499	\$18.10



HOSE BARB 90° ELBOW TO MALE PIPE

3434BARB90

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
3434BARB90	3/4	0.399	\$29.30
11BARB90	1	0.6	\$38.00

COMPRESSION



NUT

Connection FCOMP x OD

61F2

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
61F2	1/8	0.008	\$0.56
61F3	3/16	0.011	\$0.56
61F4	1/4	0.013	\$0.80
61F5	5/16	0.016	\$0.80
61F6	3/8	0.019	\$1.00
61F8	1/2	0.039	\$1.70
61F10	5/8	0.058	\$1.96
61F12	3/4	0.084	\$5.00



SLEEVE

60F2

Part No.	Size (In.)	Wgt/Ea. (Lbs.)	Price
60F2	1/8	0.001	\$0.10
60F3	3/16	0.001	\$0.10
60F4	1/4	0.002	\$0.26
60F5	5/16	0.002	\$0.26
60F6	3/8	0.003	\$0.30
60F8	1/2	0.008	\$0.66
60F10	5/8	0.007	\$1.66
60F12	3/4	0.02	\$2.20
60F14	7/8	0.015	\$4.30



COUPLING

Connection OD

62F2

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
62F2	1/8	0.019	\$2.76
62F3	3/16	0.028	\$2.86
62F4	1/4	0.037	\$3.46
62F5	5/16	0.044	\$3.90
62F6	3/8	0.056	\$4.60
62F8	1/2	0.095	\$8.60
62F10	5/8	0.139	\$11.50
62F12	3/4	0.249	\$21.50
62F14	7/8	0.291	\$21.50



62F64

REDUCING COUPLING

Connection OD x OD

Part No.	Connection		Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)		
62F64	3/8	1/4	0.28	\$4.50
62R86	1/2	3/8	0.34	\$6.56



65F2

ELBOW

Connection FCOMP

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
65F2	1/8	0.06	\$4.96
65F4	1/4	0.07	\$6.00
65F5	5/16	0.08	\$8.96
65F6	3/8	0.1	\$7.20
65F8	1/2	0.15	\$12.36
65F10	5/8	0.238	\$16.70
65F12	3/4	0.318	\$18.86



68F2A

HALF UNION MALE PIPE

Connection OD x MPT

Part No.	Connection		Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)		
68F2A	1/8	1/8	0.027	\$1.96
68F3A	3/16	1/8	0.036	\$1.86
68F4A	1/4	1/8	0.039	\$2.16
68F4B	1/4	1/4	0.051	\$3.56
68F4C	1/4	3/8	0.07	\$5.36
68F4D	1/4	1/2	0.116	\$7.36
68F5B	5/16	1/4	0.058	\$2.96
68F6A	3/8	1/8	0.054	\$3.36
68F6B	3/8	1/4	0.064	\$3.16
68F6C	3/8	3/8	0.082	\$4.36
68F6D	3/8	1/2	0.114	\$5.50
68F8B	1/2	1/4	0.102	\$5.00
68F8C	1/2	3/8	0.109	\$4.96
68F8D	1/2	1/2	0.139	\$5.80
68F8E	1/2	3/4	0.25	\$15.60
68F10C	5/8	3/8	0.155	\$6.56

Continued...

HALF UNION MALE PIPE (CONT'D.)

Part No.	Connection		Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)		
68F10D	5/8	1/2	0.169	\$6.16
68F10E	5/8	3/4	0.233	\$15.76
68F12D	3/4	1/2	0.254	\$9.66
68F12E	3/4	3/4	0.295	\$15.36



66F3A

HALF UNION FEMALE PIPE

Connection OD x FPT

Part No.	Connection		Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)		
66F3A	3/16	1/8	0.031	\$0.96
66F4A	1/4	1/8	0.045	\$2.36
66F4B	1/4	1/4	0.068	\$3.56
66F4C	1/4	3/8	0.08	\$8.80
66F5B	5/16	1/4	0.074	\$4.06
66F6B	3/8	1/4	0.078	\$3.26
66F6C	3/8	3/8	0.092	\$4.20
66F6D	3/8	1/2	0.138	\$4.96
66F8C	1/2	3/8	0.119	\$5.40
66F8D	1/2	1/2	0.173	\$6.16
66F10C	5/8	3/8	0.22	\$5.50
66F10D	5/8	1/2	0.195	\$5.16



69F4A

HALF UNION ELBOW

Connection OD x MPT

Part No.	Connection		Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)		
69F4A	1/4	1/8	0.05	\$3.90
69F4B	1/4	1/4	0.071	\$3.26
69F4C	1/4	3/8	0.107	\$8.10
69F4D	1/4	1/2	0.11	\$10.20
69F5B	5/16	1/4	0.077	\$5.26
69F6A	3/8	1/8	0.074	\$6.00
69F6B	3/8	1/4	0.092	\$6.00
69F6C	3/8	3/8	0.116	\$6.96
69F6D	3/8	1/2	0.151	\$9.86
69F8C	1/2	3/8	0.149	\$8.96
69F8D	1/2	1/2	0.189	\$11.66
69F10D	5/8	1/2	0.238	\$13.26

COMPRESSION



64F2

TEE

Connection OD

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
64F2	1/8	0.045	\$8.56
64F3	3/16	0.053	\$7.20
64F4	1/4	0.067	\$8.26
64F5	5/16	0.093	\$8.56
64F6	3/8	0.095	\$11.26
64F8	1/2	0.159	\$17.46
64F10	5/8	0.236	\$23.26
64F12	3/4	0.334	\$65.76



61S4

CAP

Connection FCOMP

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Price
61S4	1/4	0.02	\$1.86
61S6	3/8	0.03	\$2.70

COUPLING



BFU532

Connection Barb x Barb

Part No.	Connection Size (In.)		Price
	Barb 1	Barb 2	
BFU532*	5/32	5/32	\$0.90
BFU14*	1/4	1/4	\$0.90
BFU38	3/8	3/8	\$1.12
BFU12	1/2	1/2	\$7.60
BFU14532	1/4	5/32	\$1.08
BFU1438*	1/4	3/8	\$1.18
BFU3812	3/8	1/2	\$1.82



BFBU14

BULKHEAD

Connection Barb x Barb

Part No.	Connection Size (In.)		Price
	Barb 1		
BFBU14	1/4		\$3.86
BFBU38	3/8		\$6.96



BFMC1418

HALF UNION

Connection Barb x MPT

Part No.	Connection Size (In.)		Price
	Barb 1	MPT	
BFMC1418	1/4	1/8	\$1.36
BFMC3818	3/8	1/8	\$1.46



BFUC14

COMPRESSION UNION

Connection Barb x Compression

Part No.	Connection Size (In.)		Price
	Barb 1		
BFUC14	1/4		\$2.88



BFBUC14

BULKHEAD

Connection Barb x Compression

Part No.	Connection Size (In.)		Price
	Barb 1		
BFBUC14*	1/4		\$6.08
BFBUC38	3/8		\$11.30

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

90 DEGREE ELBOW



BFUE532

Part No.	Connection Size (In.)		Price
	Barb 1	Barb 2	
BFUE532*	5/32	5/32	\$5.20
BFUE14*	1/4	1/4	\$2.36
BFUE38	3/8	3/8	\$3.90
BFUE12	1/2	1/2	\$12.62



BFME1418

HALF UNION

Connection Barb x MPT

Part No.	Connection Size (In.)		Wgt/Ea. (Lbs.)	Price
	Barb 1	MPT		
BFME1418	1/4	1/8	0.036	\$2.36
BFME3818	3/8	1/8	0.03	\$4.70



BFFE1418

HALF UNION, FEMALE

Connection Barb x FPT

Part No.	Connection Size (In.)		Price
	Barb 1	FPT	
BFFE1418	1/4	1/8	\$6.58

TEE



BFMBT1418

MALE BRANCH

Connection Barb x Barb x MPT (Branch)

Part No.	Connection Size (In.)			Price
	Barb 1	Barb 2	MPT	
BFMBT1418	1/4	1/4	1/8	\$10.38



BFT532

CONNECTION BARB X BARB (BRANCH)

Connection Barb x Barb (Branch)

Part No.	Connection Size (In.)			Price
	Barb 1	Barb 2	Barb Branch	
BFT532*	5/32	5/32	5/32	\$9.16
BFT14	1/4	1/4	1/4	\$2.50
BFT38*	3/8	3/8	3/8	\$2.82
BFT12*	1/2	1/2	1/2	\$12.48
BFT1414532	1/4	1/4	5/32	\$3.38
BFT3838532	3/8	3/8	5/32	\$12.76
BFT383814*	3/8	3/8	1/4	\$3.00
BFT121214*	1/2	1/2	1/4	\$12.62
BFT121238	1/2	1/2	3/8	\$16.98



BFFBT1418

FEMALE BRANCH

Connection Barb x Barb x FPT (Branch)

Part No.	Connection Size (In.)			Price
	Barb 1	Barb 2	FPT	
BFFBT1418*	1/4	1/4	1/8	\$9.10



BFAT1418

ADAPTER, DROPEAR

Connection Barb x Barb x FPT (Branch)

Part No.	Connection Size (In.)			Price
	Barb 1	Barb 2	FPT	
BFAT1418	1/4	1/4	1/8	\$12.90



BFGT14

GAUGE

Connection Barb x MPT x FPT (Branch)

Part No.	Connection Size (In.)			Price
	Barb 1	MPT	FPT	
BFGT14	1/4	1/4	1/8	\$22.52

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

PLUG



BFP14532

CONNECTION BARB

Part No.	Barb Connection (In.)	Price
BFP14532	1/4 and 5/32	\$1.88
BFP38	3/8	\$1.22
BFP12	1/2	\$7.02

POLY TUBE INSERT



BFI14

INSERT

Part No.	Poly Tube Size OD (In.)	Wgt/Ea. (Lbs.)	Price
BFI14	1/4	0.001	\$0.48
BFI38	3/8	0.002	\$0.60
BFI12	1/2	0.004	\$1.46

DELTRIN FERRULE



BFF14

Part No.	Poly Tube Size OD (In.)	Wgt/Ea. (Lbs.)	Price
BFF14	1/4	0.0	\$0.32
BFF38	3/8	0.001	\$0.42
BFF12	1/2	0.001	\$1.02

BLACK IRON PIPE



12BIP

Produced by the continuous weld process in 1/8" to 4" N.P.S. The 1/8" to 4" sizes are produced to ASTM A-53, A-501 and A-589 Type II, API 5L and Federal Specification WW-P404. ASTM A-53-F. Black pipe is manufactured for ordinary uses in steam, water, gas and air lines.

• Threaded and coupled

Part No.	Nominal Pipe Size (In.)	OD (In.)	Wall Thickness (In.)	Length (Ft.)	Weight/Length (Lbs.)	Price
12BIP10	1/2	0.840	0.109	10.0	8.5	☎
12BIP	1/2	0.840	0.109	21.0	17.85	☎
34BIP10	3/4	1.050	0.113	10.0	11.4	☎
34BIP	3/4	1.050	0.113	21.0	23.73	☎
1BIP10	1	1.315	0.133	10.0	22.7	☎
1BIP	1	1.315	0.133	21.0	35.28	☎
114BIP	1 1/4	1.660	0.14	21.0	47.88	☎
112BIP	1 1/2	1.900	0.145	21.0	57.33	☎
2BIP	2	2.375	0.154	21.0	77.28	☎
212BIP	2 1/2	2.875	0.203	21.0	121.65	☎

COUPLING



C18BIP

Connection FPT x FPT

Part No.	FPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
C18BIP	1/8	70	0.06	☎
C14BIP	1/4	40	0.09	☎
C38BIP	3/8	60	0.12	☎
C12BIP	1/2	40	0.17	☎
C34BIP	3/4	50	0.28	☎
C1BIP	1	25	0.46	☎
C114BIP	1 1/4	16	0.65	☎
C112BIP	1 1/2	18	0.89	☎
C2BIP	2	12	1.42	☎
C212BIP	2 1/2	8	2.58	☎
C3BIP	3	8	3.35	☎

* Box Quantity for ordering convenience only

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.



RC1418BIP

REDUCING

Connection FPT x FPT

Part No.	Connection		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)			
RC1418BIP	1/4	1/8	50	0.07	☎
RC3818BIP	3/8	1/8	35	0.1	☎
RC3814BIP	3/8	1/4	30	0.1	☎
RC1214BIP	1/2	1/4	50	0.2	☎
RC1238BIP	1/2	3/8	40	0.16	☎
RC3438BIP	3/4	3/8	30	0.23	☎
RC3412BIP	3/4	1/2	60	0.24	☎
RC112BIP	1	1/2	30	0.38	☎
RC134BIP	1	3/4	25	0.39	☎
RC11412BIP	1 1/4	1/2	25	0.56	☎
RC11434BIP	1 1/4	3/4	25	0.6	☎
RC1141BIP	1 1/4	1	15	0.65	☎
RC11212BIP	1 1/2	1/2	20	0.71	☎
RC11234BIP	1 1/2	3/4	15	0.78	☎
RC1121BIP	1 1/2	1	25	0.88	☎
RC112114BIP	1 1/2	1 1/4	12	0.88	☎
RC212BIP	2	1/2	14	1.28	☎
RC234BIP	2	3/4	14	1.27	☎
RC21BIP	2	1	14	1.31	☎
RC2114BIP	2	1 1/4	14	1.43	☎
RC2112BIP	2	1 1/2	—	1.41	☎
RC2122BIP	2 1/2	2	20	2.43	☎



RB1418BIP

REDUCING BUSHING

Connection MPT x FPT

Part No.	MPT (In.)	FPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
RB1418BIP	1/4	1/8	120	0.02	☎
RB3814BIP	3/8	1/4	75	0.03	☎
RB1214BIP	1/2	1/4	60	0.06	☎
RB1238BIP	1/2	3/8	60	0.05	☎
RB3438BIP	3/4	3/8	50	0.12	☎
RB3412BIP	3/4	1/2	50	0.1	☎
RB112BIP	1	1/2	50	0.2	☎
RB134BIP	1	3/4	50	0.16	☎
RB11412BIP	1 1/4	1/2	30	0.27	☎
RB11434BIP	1 1/4	3/4	30	0.35	☎
RB1141BIP	1 1/4	1	30	0.28	☎
RB11212BIP	1 1/2	1/2	25	0.34	☎

Continued...

REDUCING BUSHING (CONT'D.)

Part No.	MPT (In.)	FPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
RB11234BIP	1 1/2	3/4	25	0.37	☎
RB1121BIP	1 1/2	1	25	0.43	☎
RB112114BIP	1 1/2	1 1/4	25	0.31	☎
RB212BIP	2	1/2	20	0.59	☎
RB21BIP	2	1	20	0.59	☎
RB2114BIP	2	1 1/4	20	0.7	☎
RB2112BIP	2	1 1/2	20	0.63	☎
RB2122BIP	2 1/2	2	15	0.84	☎

PIPE NIPPLE



CN18BIP

CLOSE

Connection MPT x MPT

Part No.	MPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
CN18BIP	1/8	25	0.01	☎
CN14BIP	1/4	25	0.02	☎
CN38BIP	3/8	25	0.03	☎
CN12BIP	1/2	25	0.05	☎
CN34BIP	3/4	25	0.09	☎
CN1BIP	1	25	0.15	☎
CN114BIP	1 1/4	5	0.2	☎
CN112BIP	1 1/2	5	0.29	☎
CN2BIP	2	5	0.43	☎



12RUN

RUN

Connection MPT x MPT
Assortment of pipe nipples - close through 6" length.

Part No.	Connection Size (In.)	Nb. Of Pieces	Price
12RUN	1/2	11	☎
BN612	1/2	66	☎
34RUN	3/4	11	☎
BN634	3/4	66	☎
1RUN	1	10	☎

* Box Quantity for ordering convenience only

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BLACK IRON PIPE

PIPE NIPPLE



LONG

Part No.	Connection Size (In.)	Length (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
112N18BIP	1/8	1 1/2	25	0.03	
2N18BIP	1/8	2	25	0.04	
212N18BIP	1/8	2 1/2	25	0.05	
3N18BIP	1/8	3	25	0.06	
312N18BIP	1/8	3 1/2	25	0.07	
4N18BIP	1/8	4	25	0.08	
412N18BIP	1/8	4 1/2	25	0.09	
5N18BIP	1/8	5	25	0.1	
512N18BIP	1/8	5 1/2	25	0.11	
6N18BIP	1/8	6	25	0.12	
112N14BIP	1/4	1 1/2	25	0.04	
2N14BIP	1/4	2	25	0.06	
212N14BIP	1/4	2 1/2	25	0.08	
3N14BIP	1/4	3	25	0.11	
312N14BIP	1/4	3 1/2	25	0.13	
4N14BIP	1/4	4	25	0.15	
412N14BIP	1/4	4 1/2	25	0.16	
512N14BIP	1/4	5 1/2	25	0.2	
6N14BIP	1/4	6	25	0.22	
112N38BIP	3/8	1 1/2	25	0.06	
2N38BIP	3/8	2	25	0.09	
212N38BIP	3/8	2 1/2	25	0.11	
3N38BIP	3/8	3	25	0.14	
312N38BIP	3/8	3 1/2	25	0.16	
4N38BIP	3/8	4	25	0.19	
412N38BIP	3/8	4 1/2	25	0.21	
5N38BIP	3/8	5	25	0.24	
512N38BIP	3/8	5 1/2	25	0.27	
6N38BIP	3/8	6	25	0.29	
112N12BIP	1/2	1 1/2	25	0.08	
2N12BIP	1/2	2	25	0.11	
212N12BIP	1/2	2 1/2	25	0.15	
3N12BIP	1/2	3	25	0.18	
312N12BIP	1/2	3 1/2	25	0.21	
4N12BIP	1/2	4	25	0.25	
412N12BIP	1/2	4 1/2	25	0.28	
5N12BIP	1/2	5	25	0.31	
512N12BIP	1/2	5 1/2	25	0.35	
6N12BIP	1/2	6	25	0.38	
8N12BIP	1/2	8	25	0.52	
10N12BIP	1/2	10	25	0.66	
12N12BIP	1/2	12	25	0.8	
18N12BIP	1/2	18	1	1.2	
24N12BIP	1/2	24	1	1.6	

Continued...

LONG (CONT'D.)

Part No.	Connection Size (In.)	Length (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
30N12BIP	1/2	30	1	2.0	
36N12BIP	1/2	36	1	2.4	
48N12BIP	1/2	48	1	3.2	
60N12BIP	1/2	60	1	4.0	
72N12BIP	1/2	72	1	4.8	
112N34BIP	3/4	1 1/2	25	0.12	
2N34BIP	3/4	2	25	0.14	
212N34BIP	3/4	2 1/2	25	0.19	
3N34BIP	3/4	3	25	0.24	
312N34BIP	3/4	3 1/2	25	0.29	
4N34BIP	3/4	4	25	0.34	
412N34BIP	3/4	4 1/2	25	0.39	
5N34BIP	3/4	5	25	0.44	
512N34BIP	3/4	5 1/2	25	0.5	
6N34BIP	3/4	6	25	0.55	
8N34BIP	3/4	8	25	0.71	
10N34BIP	3/4	10	25	0.86	
12N34BIP	3/4	12	25	1.02	
18N34BIP	3/4	18	1	1.57	
24N34BIP	3/4	24	1	2.12	
30N34BIP	3/4	30	1	2.67	
36N34BIP	3/4	36	1	3.22	
48N34BIP	3/4	48	1	4.32	
60N34BIP	3/4	60	1	5.42	
72N34BIP	3/4	72	1	6.52	
2N1BIP	1	2	25	0.2	
212N1BIP	1	2 1/2	25	0.28	
3N1BIP	1	3	25	0.35	
312N1BIP	1	3 1/2	25	0.42	
4N1BIP	1	4	25	0.47	
412N1BIP	1	4 1/2	25	0.55	
5N1BIP	1	5	25	0.61	
512N1BIP	1	5 1/2	25	0.68	
6N1BIP	1	6	25	0.73	
8N1BIP	1	8	10	1.0	
10N1BIP	1	10	10	1.27	
12N1BIP	1	12	10	1.54	
18N1BIP	1	18	1	2.31	
24N1BIP	1	24	1	3.08	
30N1BIP	1	30	1	3.85	
36N1BIP	1	36	1	4.62	
48N1BIP	1	48	1	6.16	
60N1BIP	1	60	1	7.7	
72N1BIP	1	72	1	9.24	
2N114BIP	1 1/4	2	5	0.29	
212N114BIP	1 1/4	2 1/2	5	0.37	
3N114BIP	1 1/4	3	5	0.48	
312N114BIP	1 1/4	3 1/2	5	0.57	
4N114BIP	1 1/4	4	5	0.66	
412N114BIP	1 1/4	4 1/2	5	0.75	
5N114BIP	1 1/4	5	5	0.83	
512N114BIP	1 1/4	5 1/2	5	0.92	

Continued...

* Box Quantity for ordering convenience only

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LONG (CONT'D.)

Part No.	Connection Size (In.)	Length (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
6N114BIP	1 1/4	6	5	1.01	☎
8N114BIP	1 1/4	8	5	1.39	☎
10N114BIP	1 1/4	10	5	1.78	☎
12N114BIP	1 1/4	12	5	2.16	☎
18N114BIP	1 1/4	18	1	3.24	☎
24N114BIP	1 1/4	24	1	4.32	☎
30N114BIP	1 1/4	30	1	5.4	☎
36N114BIP	1 1/4	36	1	6.48	☎
48N114BIP	1 1/4	48	1	8.64	☎
60N114BIP	1 1/4	60	1	10.8	☎
2N112BIP	1 1/2	2	5	0.34	☎
212N112BIP	1 1/2	2 1/2	5	0.46	☎
3N112BIP	1 1/2	3	5	0.55	☎
312N112BIP	1 1/2	3 1/2	5	0.66	☎
4N112BIP	1 1/2	4	5	0.78	☎
412N112BIP	1 1/2	4 1/2	5	0.89	☎
5N112BIP	1 1/2	5	5	1.0	☎
512N112BIP	1 1/2	5 1/2	5	1.12	☎
6N112BIP	1 1/2	6	5	1.23	☎
8N112BIP	1 1/2	8	5	1.65	☎
10N112BIP	1 1/2	10	5	2.1	☎
12N112BIP	1 1/2	12	5	2.55	☎
18N112BIP	1 1/2	18	1	3.83	☎
24N112BIP	1 1/2	24	1	5.1	☎
30N112BIP	1 1/2	30	1	6.38	☎
36N112BIP	1 1/2	36	1	7.65	☎
48N112BIP	1 1/2	48	1	10.2	☎
60N112BIP	1 1/2	60	1	12.75	☎
212N2BIP	2	2 1/2	5	0.57	☎
3N2BIP	2	3	5	0.7	☎
312N2BIP	2	3 1/2	5	0.83	☎
4N2BIP	2	4	5	0.97	☎
412N2BIP	2	4 1/2	5	1.1	☎
5N2BIP	2	5	5	1.24	☎
512N2BIP	2	5 1/2	5	1.39	☎
6N2BIP	2	6	5	1.64	☎
8N2BIP	2	8	5	2.15	☎
10N2BIP	2	10	5	2.8	☎
12N2BIP	2	12	5	3.45	☎
18N2BIP	2	18	1	5.18	☎
24N2BIP	2	24	1	6.9	☎
30N2BIP	2	30	1	8.63	☎
36N2BIP	2	36	1	10.35	☎
48N2BIP	2	48	1	13.8	☎
60N2BIP	2	60	1	17.25	☎

90 DEGREE ELBOW



Connection FPT x FPT

Part No.	Connection (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E18BIP	1/8	50	0.07	☎
E14BIP	1/4	35	0.11	☎
E38BIP	3/8	45	0.18	☎
E12BIP	1/2	50	0.26	☎
E34BIP	3/4	35	0.38	☎
E1BIP	1	20	0.63	☎
E114BIP	1 1/4	20	0.96	☎
E112BIP	1 1/2	10	1.31	☎
E2BIP	2	8	2.05	☎



STREET

Connection FPT x MPT

Part No.	Connection (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
EF18BIP	1/8	60	0.07	☎
EF14BIP	1/4	35	0.11	☎
EF38BIP	3/8	40	0.17	☎
EF12BIP	1/2	60	0.24	☎
EF34BIP	3/4	35	0.41	☎
EF1BIP	1	30	0.63	☎
EF114BIP	1 1/4	25	1.1	☎
EF112BIP	1 1/2	9	1.47	☎
EF2BIP	2	10	2.85	☎



REDUCING

Connection FPT x FPT

Part No.	Connection		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)			
RE3412BIP	3/4	1/2	30	0.39	☎
RE134BIP	1	3/4	25	0.55	☎
RE11412BIP	1 1/4	1/2	35	0.83	☎
RE1141BIP	1 1/4	1	10	0.87	☎
RE2112BIP	2	1 1/2	10	1.75	☎

* Box Quantity for ordering convenience only

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

BLACK IRON PIPE

45 DEGREE ELBOW



Connection FPT x FPT

E4538BIP

Part No.	FPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E4538BIP	3/8	50	0.17	☎
E4512BIP	1/2	50	0.22	☎
E4534BIP	3/4	40	0.33	☎
E451BIP	1	20	0.54	☎
E45114BIP	1 1/4	20	0.87	☎
E45112BIP	1 1/2	10	1.16	☎
E452BIP	2	12	1.79	☎



STREET

Connection FPT x MPT

E45F12BIP

Part No.	Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E45F12BIP	1/2	75	0.2	☎
E45F34BIP	3/4	40	0.32	☎
E45F1BIP	1	25	0.52	☎
E45F114BIP	1 1/4	10	0.85	☎
E45F112BIP	1 1/2	10	1.22	☎
E45F2BIP	2	12	2.85	☎

TEE



Connection FPT x FPT x FPT

T18BIP

Part No.	FPT (In.)	Wgt/Ea. (Lbs.)	Box Qty*	Price
T18BIP	1/8	0.09	80	☎
T14BIP	1/4	0.15	50	☎
T38BIP	3/8	0.23	30	☎
T12BIP	1/2	0.36	40	☎
T34BIP	3/4	0.56	35	☎
T1BIP	1	0.92	20	☎
T114BIP	1 1/4	1.31	14	☎
T112BIP	1 1/2	1.75	15	☎
T2BIP	2	2.55	10	☎

REDUCING

Connection FPT x FPT x FPT (Branch)



T121214BIP

Part No.	Connection			Wgt/Ea. (Lbs.)	Box Qty*	Price
	Size 1 (In.)	Size 2 (In.)	Size 3 (In.)			
T121214BIP	1/2	1/2	1/4	0.33	—	☎
T343438BIP	3/4	3/4	3/8	0.43	30	☎
T343412BIP	3/4	3/4	1/2	0.46	30	☎
T1112BIP	1	1	1/2	0.7	15	☎
T1134BIP	1	1	3/4	0.81	25	☎
T1143434BIP	1 1/4	3/4	3/4	0.9	10	☎
T1141141BIP	1 1/4	1 1/4	1	1.13	16	☎
T1121121BIP	1 1/2	1 1/2	1	1.46	13	☎
T2114114BIP	2	1 1/4	1 1/4	1.88	6	☎
T211212BIP	2	1 1/2	1 1/2	2.37	8	☎
T22112BIP	2	2	1 1/2	2.37	8	☎

PLUG



P18BIP

Part No.	MPT (In.)	Wgt/Ea. (Lbs.)	Box Qty*	Price
P18BIP	1/8	0.03	300	☎
P14BIP	1/4	0.05	150	☎
P38BIP	3/8	0.07	100	☎
P12BIP	1/2	0.09	50	☎
P34BIP	3/4	0.12	30	☎
P1BIP	1	0.21	20	☎
P114BIP	1 1/4	0.32	40	☎
P112BIP	1 1/2	0.45	30	☎
P2BIP	2	0.72	20	☎

CAP



PC18BIP

Part No.	FPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
PC18BIP	1/8	120	0.03	☎
PC14BIP	1/4	80	0.05	☎
PC38BIP	3/8	60	0.09	☎
PC12BIP	1/2	75	0.12	☎
PC34BIP	3/4	40	0.19	☎
PC1BIP	1	35	0.34	☎
PC114BIP	1 1/4	25	0.67	☎
PC112BIP	1 1/2	25	0.67	☎
PC2BIP	2	18	1.06	☎

COUPLING



C12GALV

Connection FPT x FPT

Part No.	FPT (In.)	Box Qty*	Price
C12GALV	1/2	60	☎
C34GALV	3/4	50	☎
C1GALV	1	25	☎

REDUCING



RC3412GALV

Connection FPT x FPT

Part No.	Connection		Box Qty*	Price
	Size 1 (In.)	Size 2 (In.)		
RC3412GALV	3/4	1/2	60	☎
RC134GALV	1	3/4	25	☎

UNION



U14BIP

Connection FPT x FPT

Part No.	FPT (In.)	Wgt/Ea. (Lbs.)	Box Qty*	Price
U14BIP	1/4	0.17	20	☎
U38BIP	3/8	0.25	20	☎
U12BIP	1/2	0.39	50	☎
U34BIP	3/4	0.56	30	☎
U1BIP	1	0.82	30	☎
U114BIP	1 1/4	1.28	15	☎
U112BIP	1 1/2	1.76	10	☎
U2BIP	2	2.53	6	☎

UNION



U12GALV

Connection FPT

Part No.	FPT (In.)	Ship Wgt (Lbs.)	Box Qty*	Price
U12GALV	1/2	0.46	50	☎
U34GALV	3/4	0.6	30	☎

FLOOR FLANGE



FF114BIP

Part No.	FPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
FF114BIP	1 1/4	15	0.76	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

* Box Quantity for ordering convenience only

GALVANIZED IRON PIPE

NIPPLE



Connection MPT

2N12GALV

Part No.	MPT (In.)	Length (In.)	Box Qty*	Price
2N12GALV	1/2	2	25	☎
3N12GALV	1/2	3	25	☎
4N12GALV	1/2	4	25	☎
5N12GALV	1/2	5	25	☎
6N12GALV	1/2	6	25	☎
8N12GALV	1/2	8	25	☎
10N12GALV	1/2	10	25	☎
12N12GALV	1/2	12	1	☎
2N34GALV	3/4	2	25	☎
3N34GALV	3/4	3	25	☎
4N34GALV	3/4	4	25	☎
5N34GALV	3/4	5	25	☎
6N34GALV	3/4	6	25	☎
2N1GALV	1	2	25	☎



CLOSE

Connection MPT

CN12GALV

Part No.	MPT (In.)	Box Qty*	Price
CN12GALV	1/2	25	☎
CN34GALV	3/4	25	☎

RUN

Connection MPT

Assortment of pipe nipples 6 each 1-1/2" through 8" in 1/2" increments-66 pieces

Part No.	MPT (In.)	Nb. Of Pieces	Price
BN612GALV	1/2	66	☎
BN634GALV	3/4	66	☎

TEE



Connection FPT

T12GALV

Part No.	FPT (In.)	Ship Wgt (Lbs.)	Box Qty*	Price
T12GALV	1/2	0.34	40	☎
T34GALV	3/4	0.56	35	☎

90 DEGREE ELBOW



Connection FPT x FPT

E12GALV

Part No.	Connection FPT (In.)	Box Qty*	Price
E12GALV	1/2	30	☎
E34GALV	3/4	35	☎
E3412GALV	3/4 x 1/2	30	☎



STREET

Connection FPT x MPT

EF12GALV

Part No.	Connection Size (In.)	Box Qty*	Price
EF12GALV	1/2	60	☎
EF34GALV	3/4	35	☎

PLUG



Connection MPT

P12GALV

Part No.	MPT (In.)	Ship Wgt (Lbs.)	Box Qty*	Price
P12GALV	1/2	0.08	50	☎
P34GALV	3/4	0.13	30	☎

CAP



Connection FPT

PC12GALV

Part No.	FPT (In.)	Box Qty*	Ship Wgt (Lbs.)	Price
PC12GALV	1/2	75	0.12	☎
PC34GALV	3/4	40	0.2	☎

SYSTEM 1738® PVC

System 1738 Flue Gas Venting offers a full range of pipe, fittings and termination components that are manufactured from an engineered PVC compound, rated for a maximum flue gas temperature of 149° and that are fully certified to the rigorous requirements of UL 1738 venting standard for gas-burning appliances, Categories II and IV. System 1738 pipes and fittings are black in color which protects against UV degradation. Material type, application and temperature rating is included in the pipe print line as well as on the orange and black labels applied to each fitting. All System 1738 products have been certified by Intertek and carry an ETL mark as proof of certification. Markings on pipe and fittings are required by UL 1738 and clearly distinguish a certified gas venting system from every day, non-certified plumbing pipe and fitting. Look for the System 1738 label and the mark of a recognized certification agency as assurance that the venting system being used is certified.

- Pipe, fittings, and cement compatibility
- Products are tested and certified for the application
- Easy identification of UL 1738 certified venting system components
- Certified installation instructions including support spacing, solvent welding, and maintenance
- Sizes include 2", 3", and 4"
- Pipe, fittings, cement, and venting accessories
- Availability of cutting and beveling tools to ensure proper joint installation
- Terminations and accessories can be painted to match building exteriors

Benefits

- Fully certified as a complete system of pipe, fittings, cement, and venting accessories
- Permanent solvent welding joining system
- Material type, temperature rating and product certification is included in the pipe print line and fitting certification stick
- Carbon monoxide warning label
- Solvent cement formulated for the application



E2PVC1738

90 DEGREE ELBOW, PVC-FGV, SYSTEM 1738®



Part No.	Connection		Code	Price
	Nominal (In.)	Type		
E2PVC1738	2	H x H	397F	\$6.32
E3PVC1738	3	H x H	397F	\$19.82

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* Box Quantity for ordering convenience only

FLUE GAS VENTING SYSTEM

SYSTEM 1738®



EL2PVC1738

90 DEGREE ELBOW, LONG, PVC-FGV, SYSTEM 1738®



Connection				
Part No.	Nominal (In.)	Type	Code	Price
EL2PVC1738	2	H x H	397F	\$7.30
EL3PVC1738	3	H x H	397F	\$18.24



EF2PVC1738

90 DEGREE ELBOW, STREET, PVC-FGV, SYSTEM 1738®



Connection				
Part No.	Nominal (In.)	Type	Code	Price
EF2PVC1738	2	H x Sp	397F	\$6.08
EF3PVC1738	3	H x Sp	397F	\$17.02



E452PVC1738

45 DEGREE ELBOW, PVC-FGV, SYSTEM 1738®



Connection				
Part No.	Nominal (In.)	Type	Code	Price
E452PVC1738	2	H x H	397F	\$5.42
E453PVC1738	3	H x H	397F	\$12.16



E45F2PVC1738

45 DEGREE ELBOW, STREET, PVC-FGV, SYSTEM 1738®



Connection				
Part No.	Nominal (In.)	Type	Code	Price
E45F2PVC1738	2	H x Sp	397F	\$6.62
E45F3PVC1738	3	H x Sp	397F	\$13.98



C2PVC1738

COUPLING, PVC-FGV, SYSTEM 1738®



Connection				
Part No.	Nominal (In.)	Type	Code	Price
C2PVC1738	2	H x H	397F	\$3.64
C3PVC1738	3	H x H	397F	\$8.64



RC32PVC1738

REDUCING COUPLING, PVC-FGV, SYSTEM 1738®



Connection				
Part No.	Nominal (In.)	Type	Code	Price
RC32PVC1738	3 x 2	H x H x FPT	397F	\$7.12



C2AFPVC1738

ACCESS TEE, PVC-FGV, SYSTEM 1738®



Connection				
Part No.	Nominal (In.)	Code	Price	
C2AFPVC1738	2 x 2 x 1/2	397F	\$17.02	
C3AFPVC1738	3 x 3 x 1/2	397F	\$29.18	



2X16PVC1738

CONCENTRIC VENT KIT, PVC-FGV, SYSTEM 1738®



Part No.	Size (In.)	Code	Price
2X16PVC1738	2 x 16	397T	\$96.06
3X20PVC1738	3 x 20	397T	\$116.98

FLUE GAS VENTING SYSTEM



2TK1738

LOW PROFILE TERMINATION KIT, PVC-FGV, SYSTEM 1738®



Part No.	Size (In.)	Code	Price
2TK1738	2	397T	\$75.40
3TK1738	3	397T	\$75.40



PRIMER1738

LOW VOC PVC PRIMER, SYSTEM 1738®



Part No.	Connection	Code	Color	Price
PRIMER1738	Pint	397V	Fluorescent Yellow	\$30.18



2TVS1738

TERMINATION VENT KIT, PVC-FGV, SYSTEM 1738®



Part No.	Size (In.)	Code	Price
2TVS1738	2	397T	\$3.64
3TVS1738	3	397T	\$6.08



2PVC1738-10

GAS VENT PIPE, PVC-FGV, SYSTEM 1738®



Part No.	Connection		Code	Price
	Nominal (In.)	Type		
2PVC1738-10	2	Plain End	397P	\$5.48
3PVC1738-10	3	Plain End	397P	\$9.74



CEMENT1738

LOW VOC PVC CEMENT, SYSTEM 1738®



Part No.	Connection	Code	Color	Price
CEMENT1738	Pint	397V	Auburn	\$25.68

TUBING



12PVC40

PVC SCHEDULE 40

Standard length 20 ft. If operating temperature is above 73°F, working pressure must be de-rated. Not recommended for use in compressed air or gas systems. Handles commercial and industrial applications in which metal pipe will not withstand the reactive

effects of chemicals or other corrosive materials. Light weight facilitates installation with conventional tools and piping techniques. Manufactured in U.S.A. to ASTM material and dimensional standards. Schedule 40 PVC and Schedule 40 and 80 CPVC meet material standard ASTM D-1784. Schedule 40 PVC meets dimensional standard ASTM D-1785 and Schedule 40 and 80 CPVC meet dimensional standard ASTM F-441. NSF certified for potable water service to standard 14/61

• Priced per foot.

Part No.	Nominal Pipe Size (In.)	OD (In.)	Max. WP PSI at 73°F	Min. Wall Thickness (In.)	Nominal Weight (Lbs/Ft)	Price
12PVC40	1/2	0.840	600	0.109	0.162	\$1.06
1PVC40	1	1.315	450	0.133	0.32	\$1.86
114PVC40	1 1/4	1.660	370	0.14	0.431	\$2.12
112PVC40	1 1/2	1.900	330	0.145	0.519	\$2.48
2PVC40	2	2.375	280	0.154	0.693	\$3.68
212PVC40	2 1/2	2.875	300	0.203	1.133	\$5.88
3PVC40	3	3.500	260	0.216	1.455	\$6.72
4PVC40	4	4.5	220	0.237	2.05	\$9.04
6PVC40	6	6.625	180	0.28	3.615	\$17.08
8PVC40	8	8.625	160	0.322	5.436	\$22.00

TUBE, INSULATION, FITTINGS

PVC FITTING

TUBING



PVC SCHEDULE 21

PVC SDR Series pipe shall be manufactured in strict accordance to the requirements of ASTM D2241 for physical dimensions and tolerances. This pipe shall be produced in IPS diameters to either: SDR 21 (3/4"-8" sizes 200

psi 73F). All belled end pipe shall have tapered sockets to create an interference type fit, which shall meet or exceed dimensional requirements and the minimum socket length for pressure-type belled sockets as defined in ASTM D2672. NSF approve for potable water service

- Standard length 20 feet. Priced per foot.

Part No.	Nominal Pipe Size (In.)	OD (In.)	Max. WP PSI at 73°F	Min. Wall Thickness (In.)	Nominal Weight (Lbs/Ft)	Price
34PVC21	3/4	1.05	200	0.06	0.13	\$0.68

COUPLING



SLIP

Connection Slip x Slip

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Box Qty*	Price
C12PVC	1/2	0.045	100	\$0.42
C34PVC	3/4	0.065	50	\$0.62
C1PVC	1	0.095	50	\$1.10
C114PVC	1 1/4	0.135	25	\$1.46
C112PVC	1 1/2	0.17	25	\$1.56
C2PVC	2	0.23	25	\$2.40
C3PVC	3	0.645	10	\$8.36
C4PVC	4	1.06	5	\$12.02
C6PVC	6	2.23	5	\$38.08



REDUCING BUSHING

Connection SPG x Slip

Part No.	Connection (In.)		Wgt/Ea. (Lbs.)	Box Qty*	Price
	Size 1	Size 2			
RB3412PVC	3/4	1/2	0.035	100	\$0.74
RB112PVC	1	1/2	0.075	100	\$1.26
RB134PVC	1	3/4	0.06	100	\$1.26
RB11412PVC	1 1/4	1/2	0.14	25	\$1.72
RB11434PVC	1 1/4	3/4	0.125	25	\$1.72
RB1141PVC	1 1/4	1	0.1	25	\$1.72
RB11212PVC	1 1/2	1/2	0.17	25	\$1.82
RB11234PVC	1 1/2	3/4	0.175	25	\$1.82
RB1121PVC	1 1/2	1	0.15	25	\$1.82
RB112114PVC	1 1/2	1 1/4	0.1	25	\$1.82
RB212PVC	2	1/2	0.24	10	\$3.02
RB234PVC	2	3/4	0.26	10	\$3.02
RB21PVC	2	1	0.285	10	\$3.02
RB2114PVC	2	1 1/4	0.245	10	\$3.02
RB2112PVC	2	1 1/2	0.2	10	\$3.02
RB212114PVC	2 1/2	1 1/4	0.26	10	\$4.80
RB2122PVC	2 1/2	2	0.285	10	\$4.86
RB32PVC	3	2	0.595	10	\$7.10
RB3212PVC	3	2 1/2	0.425	10	\$7.10

ADAPTER



FEMALE

Connection Slip x FPT

Part No.	Connection		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)			
AF12PVC	1/2	1/2	100	0.045	\$0.74
AF34PVC	3/4	3/4	50	0.065	\$0.94
AF3412PVC	3/4	1/2	50	0.07	\$1.36
AF1PVC	1	1	50	0.08	\$1.10
AF114PVC	1 1/4	1 1/4	25	0.11	\$1.72
AF112PVC	1 1/2	1 1/2	25	0.155	\$1.98
AF2PVC	2	2	25	0.225	\$2.66
AF212PVC	2 1/2	2 1/2	10	0.45	\$6.68
AF3PVC	3	3	10	0.605	\$8.98
AF4PVC	4	4	5	0.895	\$14.94

* Box Quantity for ordering convenience only



MALE

Connection MPTx Slip

AM12PVC



STREET

Connection SPG x Slip

EF12PVC

Part No.	Connection		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)			
AM12PVC	1/2	1/2	100	0.045	\$0.62
AM1234PVC	1/2	3/4	50	0.06	\$1.26
AM3412PVC	3/4	1/2	50	0.05	\$1.10
AM34PVC	3/4	3/4	50	0.055	\$0.68
AM341PVC	3/4	1	50	0.09	\$1.72
AM134PVC	1	3/4	50	0.08	\$3.70
AM1PVC	1	1	50	0.1	\$1.26
AM1141PVC	1 1/4	1	25	0.13	\$4.54
AM114PVC	1 1/4	1 1/4	25	0.15	\$1.46
AM112PVC	1 1/2	1 1/2	25	0.19	\$1.98
AM2112PVC	2	1 1/2	10	0.25	\$6.26
AM2PVC	2	2	25	0.285	\$2.62
AM212PVC	2 1/2	2 1/2	10	0.415	\$7.62
AM3PVC	3	3	10	0.68	\$11.18

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
EF12PVC	1/2	50	0.07	\$1.88
EF34PVC	3/4	50	0.08	\$2.36
EF1PVC	1	50	0.12	\$4.02
EF114PVC	1 1/4	25	0.275	\$4.80
EF112PVC	1 1/2	25	0.33	\$5.32
EF2PVC	2	10	0.515	\$10.34

FEMALE PIPE

Connection Slip x FPT



EFPT12PVC

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
EFPT12PVC	1/2	50	0.085	\$0.84
EFPT34PVC	3/4	50	0.13	\$0.94
EFPT1PVC	1	50	0.155	\$1.82
EFPT114PVC	1 1/4	25	0.23	\$3.02
EFPT112PVC	1 1/2	25	0.32	\$2.88

STREET, MALE PIPE

Connection Slip x MPT



EMPT12PVC

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
EMPT12PVC	1/2	50	0.042	\$1.46
EMPT34PVC	3/4	50	0.061	\$1.72
EMPT1PVC	1	50	0.11	\$2.92
EMPT114PVC	1 1/4	25	0.285	\$4.02
EMPT112PVC	1 1/2	25	0.335	\$4.18
EMPT2PVC	2	10	0.525	\$10.34

90 DEGREE ELBOW



SLIP

Connection Slip x Slip

E12PVC

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E12PVC	1/2	50	0.065	\$0.68
E34PVC	3/4	50	0.085	\$0.74
E1PVC	1	50	0.14	\$1.36
E114PVC	1 1/4	25	0.26	\$2.40
E112PVC	1 1/2	25	0.325	\$2.56
E2PVC	2	25	0.51	\$4.02
E3PVC	3	10	1.14	\$14.68
E4PVC	4	5	1.885	\$26.26
E6PVC	6	4	4.55	\$83.46

* Box Quantity for ordering convenience only

PVC FITTING

45 DEGREE ELBOW



Connection Slip x Slip

E4512PVC

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E4512PVC	1/2	50	0.05	\$1.10
E4534PVC	3/4	50	0.075	\$1.72
E451PVC	1	50	0.115	\$2.04
E45114PVC	1 1/4	25	0.17	\$2.92
E45112PVC	1 1/2	25	0.22	\$3.60
E452PVC	2	25	0.305	\$4.70
E453PVC	3	10	0.82	\$19.06
E454PVC	4	5	1.33	\$34.20
E456PVC	6	4	4.475	\$84.78

TEE



T12PVC

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
T12PVC	1/2	50	0.08	\$0.84
T34PVC	3/4	50	0.11	\$0.94
0348 ¹	3/4	25	0.25	\$8.14
T1PVC	1	50	0.19	\$1.82
T114PVC	1 1/4	25	0.385	\$2.82
T112PVC	1 1/2	25	0.5	\$3.44
T2PVC	2	25	0.775	\$4.96
T212PVC	2 1/2	10	1.01	\$16.40
T3PVC	3	10	1.435	\$21.52
T4PVC	4	5	2.24	\$38.96

¹SLIP x FPT (Plug) x Slip

CAP



SC12PVC

SLIP

Connection Slip

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
SC12PVC	1/2	100	0.03	\$0.62
SC34PVC	3/4	100	0.04	\$0.74
SC1PVC	1	50	0.07	\$1.10
SC114PVC	1 1/4	25	0.105	\$1.56
SC112PVC	1 1/2	25	0.125	\$1.72
SC2PVC	2	25	0.19	\$1.86
SCAP3PVC	3	10	0.535	\$7.20



TCAP12PVC

THREADED

Connection FPT

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
TCAP12PVC	1/2	100	0.05	\$1.26
TCAP34PVC	3/4	100	0.065	\$1.46
TCAP1PVC	1	50	0.115	\$2.24

PLUG



SP12PVC

SLIP

Connection SPG

Part No.	Connection Size (In.)	Box Qty*	Price
SP12PVC	1/2	50	\$1.46
SP34PVC	3/4	50	\$1.72
SP1PVC	1	50	\$2.04
SP114PVC	1 1/4	25	\$2.76
SP112PVC	1 1/2	25	\$3.50

* Box Quantity for ordering convenience only



P12PVC

THREADED

Connection MPT

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
P12PVC	1/2	50	0.02	\$1.82
P34PVC	3/4	50	0.03	\$1.94
P1PVC	1	50	0.07	\$3.18
P114PVC	1 1/4	25	0.11	\$3.34
P112PVC	1 1/2	25	0.16	\$3.60
P2PVC	2	10	0.22	\$4.64
P212PVC	2 1/2	10	0.24	\$7.42



U12PVC

UNIONConnection Slip x Slip
Schedule 80

Part No.	Connection Size (In.)	Box Qty*	Price
U12PVC	1/2	10	\$13.66
U34PVC	3/4	10	\$17.42
U1PVC	1	10	\$19.88
U114PVC	1 1/4	5	\$39.36

TRAP

PT34PVC

P

Connection SPG x SPG

Part No.	Connection Size (In.)	Box Qty*	Price
PT34PVC	3/4	50	\$6.00
PT1PVC	1	10	\$9.56



RT34PVC

RUN

Connection SPG x SPG

Part No.	Connection Size (In.)	Box Qty*	Price
RT34PVC	3/4	50	\$6.60
RT1PVC	1	10	\$7.90



C114PVCDWV

COUPLING

Connection Slip x Slip

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Box Qty*	Price
C114PVCDWV	1 1/4	0.075	100	\$22.36
C112PVCDWV	1 1/2	0.09	100	\$4.52
C2PVCDWV	2	0.119	100	\$1.42
C3PVCDWV	3	0.466	50	\$4.96



RC32PVCDWV

REDUCING

Connection Slip x Slip

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Box Qty*	Price
RC32PVCDWV	3 x 2	0.397	50	\$7.32



RB32DWV

REDUCING BUSHING

Connection SPG x Slip

Part No.	Connection Size (In.)	Wgt/Ea. (Lbs.)	Box Qty*	Price
RB32DWV	3 x 2	0.373	30	\$19.86

* Box Quantity for ordering convenience only

PVC FITTING

90 DEGREE ELBOW, DWV



SLIP

Connection Slip x Slip

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E114PVCDWV	1 1/4	50	0.184	\$7.24
E112PVCDWV	1 1/2	100	0.204	\$2.46
E2PVCDWV	2	50	0.331	\$3.52
E3PVCDWV	3	25	1.008	\$10.98



FITTING

Connection SPG x Slip

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
EF114PVCDWV	1 1/4	50	0.164	\$8.76
EF112PVCDWV	1 1/2	100	0.2	\$2.94
EF2PVCDWV	2	50	0.313	\$4.56
EF3PVCDWV	3	20	0.993	\$11.30



LONG RADIUS

Connection Slip x Slip

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
EL2PVCDWV	2	50	0.409	\$5.62
EL3PVCDWV	3	25	1.268	\$13.66



FITTING, LONG RADIUS

Connection SPG x Slip

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
ELF3PVCDWV	3	20	1.138	\$24.04

45 DEGREE ELBOW, DWV



SLIP

Connection Slip x Slip

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E452PVCDWV	2	50	0.281	\$3.40
E453PVCDWV	3	20	0.842	\$9.30



FITTING

Connection Spg x Slip

Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
E45F114PVCDWV	1 1/4	50	0.136	\$5.76
E45F112PVCDWV	1 1/2	100	0.174	\$2.28
E45F2PVCDWV	2	50	0.277	\$3.40
E45F3PVCDWV	3	20	0.818	\$8.44

TEE, DWV



Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
T114PVCDWV	1 1/4	100	0.234	\$37.12
T112PVCDWV	1 1/2	100	0.294	\$3.94
T2PVCDWV	2	35	0.435	\$5.76
T3PVCDWV	3	20	1.399	\$14.78

* Box Quantity for ordering convenience only

BARBED



701-012

HALF UNION

MPT x Barb



Part No.	Connection		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)			
701-012	1/2	3/8	100	0.03	\$2.96
701-043	3/4	3/8	100	0.03	\$3.48
73207*	3/4	1/2	100	0.03	\$8.20
701-028	3/4	5/8	100	0.03	\$4.68



701-020

HALF UNION ELBOW, MALE

MPT x Barb



Part No.	Connection		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Size 1 (In.)	Size 2 (In.)			
701-020	3/4	1/2	100	0.027	\$4.44
701-014	3/4	5/8	100	0.03	\$4.68



701-034

UNION ELBOW

Barb x Barb



Part No.	Connection Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
701-034	1/2	100	0.02	\$4.70
701-040	5/8	100	0.02	\$5.14

PIPE HANGER, DWVH



2DWVH

METAL

Plastic coated metal strap for hanging DWV and other tubing

Part No.	Tube Size (In.)	Price
2DWVH	2	\$19.24
3DWVH	3	\$27.88



515J2000

PLASTIC

Swiveling J-Hook, 7 1/2" long



Part No.	Tube Size (In.)	Price
515J2000	2	\$2.76
515J3000	3	\$3.38

VINYL TUBING



14VT

- Sold and priced per foot.



Part No.	ID (In.)	Roll Length (Ft.)	Price
14VT	1/4	100	\$0.28
38VT	3/8	100	\$0.34
12VT	1/2	100	\$0.52
58VT	5/8	100	\$0.68
34VT	3/4	100	\$0.94
78VT	7/8	50	\$1.36
1VT	1	25	\$2.42

* Box Quantity for ordering convenience only

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

PVC FITTING

SOLVENT



1/4CEMENT

LIGHT DUTY CEMENT

- Cement for PVC and PVC/DBS transitions
- Clear color
 - Maximum pipe size: 2' pressure Sch 40, 4' DWV Sch 40
 - Regular body, fast set
 - With dauber top



Part No.	Container Size	Case Qty*	Price
1/4CEMENT	1/4 Pt.	24	\$6.20
1/2CEMENT	1/2 Pt.	24	\$8.40
CEMENT	Pint	12	\$12.96
CEMENTQT	Quart	12	\$22.60



RS55989

HOT™ 203L, LOW VOC CEMENT

Medium body cement that is specifically formulated to give an extremely fast drying solvent weld. It is ideal for irrigation, plumbing, pool and spa applications. Max VOC per SCAQMD 1168/316A or BAAQMD Method 40: 510 g/l.

- Blue color helps assure full coverage during application
- For use on all rigid PVC classes up to and including 6" Schedule 40 and 1 1/4" Schedule 80. Also may be used on flexible PVC hose with rigid fittings or hose-to-hose insertion-type connections
- Rapid evaporation reduces puddling of solvent cement that could weaken inner pipe wall
- LEED Compliant



Part No.	Container Size	Case Qty*	Price
RS55989	1/2 Pt.	24	\$13.34



RS55930

LOW-VOC PVC, CPVC, ABS CLEANER

Sam™ CL-3L is a clear cleaner for use on all PVC, CPVC and ABS pipe, tubing, and socket-type fittings. Max VOC per SCAQMD 1168/316A or BAAQMD Method 40: 550 g/l.

- Safe for use on potable water systems
- LEED compliant



Part No.	Container Size	Case Qty*	Price
RS55930	1/2 Pt.	12	\$10.20



PRIMER

PRIMER, STANDARD

- Primer for PVC and CPVC plastic pipe
- Clear color
 - With dauber top



Part No.	Container Size	Case Qty*	Price
PRIMER	Pint	12	\$16.44



1/2PRIMER

PRIMER, HIGH ETCH

- Hi-Etch primer for PVC and CPVC
- Purple color
 - With dauber top



Part No.	Container Size	Case Qty*	Price
1/2PRIMER	1/2 Pt.	24	\$8.30
PRIMERP	Pint	12	\$13.66
PRIMERQT	Quart	12	\$22.84

POLYPROPYLENE PUSH-IN FITTING

POLYPROPYLENE PUSH-IN FITTINGS

The fittings are manufactured in white polypropylene with food grade EPDM O-rings. They have been developed to satisfy the filtered pure water market and wide range of applications. The PP Range is NOT suitable for compressed air applications.

- Push-fit technology
- Quick disconnection without the need for tools
- High chemical resistance
- Food Quality and suitable for potable liquids and pure water applications
- Not suitable for compressed air and vacuum applications
- Lead free

Working Pressures and Temperatures

- Max. 150 psi at 70°F
- Max. 60 psi at 140°F



PP010823W

PUSH-IN MALE CONNECTOR, NPTF THREAD

- Maximum working pressure: 150 psi @ 70°F



Part No.	Connection Size (In.)	Price
PP010823W	1/4 OD x 3/8 NPTF	\$3.48
PP011222W	3/8 OD x 1/4 NPTF	\$4.00
PP011223W	3/8 OD x 3/8 NPTF	\$4.36
PP011224W	3/8 OD x 1/2 NPTF	\$6.78
PP011623W	1/2 OD x 3/8 NPTF	\$5.90
PP011624W	1/2 OD x 1/2 NPTF	\$6.36

* Case Quantity for ordering convenience only



PP0208W

PUSH-IN UNION TEE, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP0208W	1/4 OD	\$4.90
PP0212W	3/8 OD	\$5.98
PP0216W	1/2 OD	\$7.50



PP0808W

PUSH-IN PLUG, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP0808W	1/4 OD	\$0.96
PP0812W	3/8 OD	\$1.58



PP0312W

PUSH-IN UNION ELBOW, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP0312W	3/8 OD	\$5.90
PP0316W	1/2 OD	\$7.04



PP091223W

PUSH-IN SWIVEL ELBOW, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP091223W	3/8 OD x 3/8 NPTF	\$8.26



PP0408W

PUSH-IN UNION CONNECTOR, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP0408W	1/4 OD	\$3.40
PP0412W	3/8 OD	\$4.60



PP201208W

PUSH-IN REDUCING UNION CONNECTOR, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP201208W	3/8 OD x 1/4 OD	\$4.70
PP201612W	1/2 OD x 3/8 OD	\$6.36



PP061208W

PUSH-IN REDUCER, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP061208W	3/8 Stem OD x 1/4 Tube OD	\$3.78



PP220808W

PUSH-IN PLUG-IN ELBOW, POLYPROPYLENE

JG John Guest®

Part No.	Connection Size (In.)	Price
PP220808W	1/4 OD	\$3.50
PP221212W	3/8 OD	\$5.90

POLYPROPYLENE PUSH-IN FITTING



**PUSH-IN REDUCING TEE,
POLYPROPYLENE**

PP30121208W

John Guest®

Part No.	Connection Size (In.)	Price
PP30121208W	3/8 x 3/8 x 1/4 branch	\$6.32



**PUSH-IN FIXED ELBOW,
POLYPROPYLENE**

PP480823W

John Guest®

Part No.	Connection Size (In.)	Price
PP480823W	1/4 OD x 3/8 NPTF	\$4.68



**FEMALE CONNECTOR, BRASS
FITTING**

PSEI6012U9

Designed for use in coffee brewing equipment, beverage dispensing and vending machine applications. The fittings are manufactured in brass with a polypropylene collet and a food grade EPDM o-ring.

NOT suitable for compressed air applications.

Working Pressures and Temperatures Water

Max. 150 psi at 70°F

Max. 60 psi at 140°F

John Guest®

Part No.	Connection Size (In.)	Price
PSEI6012U9	3/8 OD x 9/16 24 UNEF	\$10.72

ACETAL PUSH-IN FITTING

ACETAL COPOLYMER PUSH-IN FITTINGS

The fittings are manufactured in gray acetal copolymer with food grade nitrile O-ring, making them especially suitable for applications involving foodstuff and potable liquids. They are also suitable for air and inert gases and can therefore be used on CO2 lines, pneumatic applications and vacuum.

- Push-fit technology
- Quick disconnection without the need for tools
- Food Quality and suitable for potable liquids
- Suitable for soft metal or plastic tubes
- Suitable for air or inert gases
- Superior flow characteristic
- Lead free

Working Pressures and Temperatures

5/32" - 5/16": Max. 230 psi at 68°F, Max. 150 psi at 150°F

3/8" - 1/2": Max. 150 psi at 68°F, Max. 100 psi at 150°F



**PUSH-IN MALE CONNECTOR,
NPTF THREAD**

PI011223S

John Guest®

Part No.	Connection Size (In.)	Price
PI011222S	1/4 MPT x 3/8 F Push	\$4.02
PI011223S	3/8 MPT x 3/8 F Push	\$4.64
PI011224S	1/2 MPT x 3/8 F Push	\$7.22



PUSH-IN UNION TEE

PI0212S

John Guest®

Part No.	Connection Size (In.)	Price
PI0212S	3/8 OD	\$6.58



PUSH-IN UNION ELBOW

PI0312S

John Guest®

Part No.	Connection Size (In.)	Price
PI0312S	3/8 OD	\$6.24



PUSH-IN UNION CONNECTOR

John Guest®

Part No.	Connection Size (In.)	Price
PI0412S	3/8 OD	\$4.94



PUSH-IN TUBE TO HOSE STEM (LONG)

John Guest®

Part No.	Connection Size (In.)	Price
PI251212SL	3/8 Stem OD x 3/8 Hose ID	\$3.74

TWIST & LOCK® FITTING



FEMALE SWIVEL ELBOW (GARDEN HOSE THREAD)

- Push-fit connection
- Suitable for use with Pex, CPVC and Copper pipe
- Hot and Cold water and Hydronic Heating applications
- Lead Free and Non Toxic

- Truly demountable without damage to pipe or fitting
- No risk of fire or flame
- Corrosion free and no scale build-up

John Guest®

Part No.	Connection Size (In.)	Price
NC2723	3/8 OD x 3/4 NH	\$17.48

VALVE



SINGLE CHECK VALVE

Produced at the request of leading companies in the Drinks Dispense Industry, the Super Speedfit Acetal Single Check Valve ensures protection against reversal of flow. The low head-loss design and fast installation time make the valve the ideal selection. The

valve is designed for use with liquids, it is not suitable for air and vacuum applications.

John Guest®

Part No.	Connection Size (In.)	Price
14SCV	1/4 OD	\$20.56
38SCV	3/8 OD	\$21.04



ANGLE STOP ADAPTER VALVE

The ASVPP range is offered in white polypropylene with food grade EPDM 'O'-rings. The valve connects between your valve and riser, to the main water supply line, for applications in Reverse Osmosis, Filtration systems, Automatic Coffee Brewers, Ice-makers, and many

more. The valves are not to be used with compressed air, explosive gases, petroleum spirits and other fuels, or for heating systems.

- Push-fit technology
- Quick disconnection without the need for tools
- EPDM 'O' rings
- Intended for use with potable water
- Incorporates integral style check valve and a 1/4 turn chrome plated ball valve
- Not suitable for air or inert gases

John Guest®

Part No.	Connection Size (In.)	Compression (In.)	Price
ASVPP2LF	3/8 OD	3/8 M x 3/8 F	\$24.38



POLYPROPYLENE SHUT-OFF VALVE, SPEEDFIT TO SPEEDFIT

Produced in polypropylene and fitted with EPDM O-rings. Polypropylene has the advantage of being more chemically resistant than acetal. The valves are for use with potable water.

The valves are not to be used with compressed air, explosive gases, petroleum spirits and other fuels or for heating systems.

Working Pressures and Temperatures Water

Max. 150 psi at 70°F

Max. 60 psi at 140°F

John Guest®

Part No.	Connection Size (In.)	Price
PPSV040808W	1/4 OD	\$11.06
PPSV041212W	3/8 OD	\$11.68

TUBING & ACCESSORIES



IMPERIAL SIZE LLPDE TUBING

- Linear low density polyethylene
- Suitable for cold and intermittent hot water applications
- Broad chemical compatibility
- FDA and NSF certified
- Strong, flexible and robust

John Guest®

Part No.	Connection Size (In.)	Coil Length (Ft.)	Color	Price
PE08BI025FN	1/4 OD x 0.17	25	Natural	\$11.38
PE12EI025FB	3/8 OD x 0.25	25	Blue	\$25.60
PE12EI025FN	3/8 OD x 0.25	25	Natural	\$25.60
PE12EI0500FB	3/8 OD x 0.25	500	Blue	\$227.66

TUBING & ACCESSORIES



PIC1812R

LOCKING CLIP

The locking clip from John Guest is part of the Speedfit range. It works to secure the collet in its position to prevent an accidental disconnection of the tube.

Part No.	Connection Size (In.)	Price
PIC1812R	3/8 OD	\$0.40



TSNIP

TUBE CUTTER

- Suitable for up to 12mm tube.

Part No.	Description	Price
TSNIP	Tube cutter for up to 12mm tube	\$24.48

COLLET LOCKING/RELEASE TOOL

Part No.	Description	Price
TSPIT00L	Collet locking/release tool, 1/4" and 3/8"	\$4.68

ACCESS FITTING



SFL1402

SAFETY LOCKING CAP

Maintain compliance with local building codes with these durable, value-conscious safety caps. Lightweight, UV resistant thermoplastic composition.

- Compatible with R12, R22, R134A, R404A, R410A and other refrigerants.

- No tools required- simply tighten by hand
- Resistant to fat, grease, oils, and solvents
- Temperature range: -40°F to 257°F

Part No.	Description	Price
SFL1402	1/4" Safety locking cap, 2 Pack	\$13.16
SFL51602	5/16" Safety locking cap, 2 Pack	\$14.16



A31002

EXTENSION TUBE

- Use flux free phos-coppe -solder
- Extension length approximately 2"
- Use with copper fitting
- Install through side of larger line



Part No.	Slip Fit (In.)	Pkg Qty	Price
A31002*	1/8 OD	5	\$16.48
A31003*	3/16 OD x 1/8 ID	5	\$16.48
A31004*	1/4 OD x 3/16 ID	5	\$16.92
A31005*	5/16 OD x 1/4 ID	5	\$17.14
A31006*	3/8 OD x 5/16 ID	5	\$17.14
A31008*	1/2 OD	3	\$39.20



A31009

MULTI STEP EXTENSION

- 1/8" OD, 3/16", 1/4", 5/16" ODF body steps



Part No.	Description	Pkg Qty	Price
A31009*	Multi Step Tube Extension	3	\$26.82



1000036

Part No.	Slip Fit (In.)	Pkg Qty	Price
1000036*	3/16 ODS x (3/8, 1/4) ODF	5	\$16.92



A31729

MULTI STEP STUB



Part No.	Slip Fit (In.)	Pkg Qty	Price
A31720*	3/16 ODS x (3/8, 1/4) ODF	5	\$18.56
A31729*	3/16, 1/4, 5/16, 1/2 ODF	3	\$15.52



1000039

STUB TUBE



Part No.	Slip Fit (In.)	Pkg Qty	Price
1000039*	3/16 ODS x 1/4 ODF	3	\$14.10
1000040*	1/4 ODS x 3/8 ODF	3	\$11.24



STUB TUBE

Part No.	Slip Fit (In.)	Pkg Qty	Price
A31722*	1/8 ODS x 1/4 ODF	3	\$14.84
A31723*	3/16 ODS x 1/4 ODF	3	\$15.34
A31723-100*	3/16 ODS x 1/4 ODF	100	\$484.78
A31724*	1/4 ODS x 3/8 ODF	3	\$11.58
A31725*	5/16 ODS x 1/2 ODF	3	\$14.44
A31726*	3/8 ODS x 1/2 ODF	3	\$14.44
A31728*	1/2 ODS x 5/8 ODF	3	\$27.90



A31134

SOLDER TEE



Part No.	Slip Fit (In.)	Length (In.)	Pkg Qty	Price
A31134*	1/4 ODS x 5/16 ODF	2 1/8	3	\$17.54
A31135*	5/16 ODS x 3/8 ODF	2 1/8	3	\$18.48
A31136*	3/8 ODS x 1/2 ODF	2 1/8	3	\$18.48
A31138*	1/2 ODS	2 1/8	3	\$22.24
A31140*	5/8 ODS	2 1/2	1	\$14.66
A31142*	3/4 ODS	3	1	\$15.54
A31144*	7/8 ODS	3 1/2	1	\$19.14
A31148*	1 1/8 ODS	3 13/16	1	\$29.30



A31200

SOLDER UNION TEE

- Connection: ODF x ODS



Part No.	Tube Size (In.)	Pkg Qty	Price
A31200*	3/8	2	\$27.90
A31201*	1/2	2	\$37.14
A31202*	5/8	2	\$43.52
A31204*	7/8	2	\$47.46



A31160

SOLDER 90° ELBOW



Part No.	Slip Fit (In.)	Pkg Qty	Price
A31160*	5/8 ODS	1	\$34.08
A31162*	3/4 ODS	1	\$34.78
A31164*	7/8 ODS	1	\$36.64
A31168*	1 1/8 ODS	1	\$45.10



1000049

SWIVEL TEE - DEPRESSOR

- 1/4" M flare access x 1/4" M flare 1/4" female flare swivel connection with depressor in female connection



Part No.	Description	Pkg Qty	Price
1000049*	Female Swivel on Run	3	\$26.08
1000050*	Female Swivel on Branch	3	\$26.08



A31851

SWIVEL TEE - DEPRESSOR

- 1/4" M flare access x 1/4" M flare 1/4" female flare swivel connection with depressor in female connection



Part No.	Description	Pkg Qty	Price
A31851*	Female Swivel on Run	3	\$30.72
A31852*	Female Swivel on Branch	3	\$30.72



1000052

SWIVEL TEE - 1/4" FLARE

- 1/4" M flare access x 1/4" M flare 1/4" female flare swivel - no depressor



Part No.	Description	Pkg Qty	Price
1000052*	Female Swivel on Branch	3	\$26.08
1000054*	Female Swivel on Run	3	\$26.08

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

ACCESS FITTING

ACCESS FITTING



A31854

SWIVEL TEE - 1/4" FLARE

- 1/4" M flare access x 1/4" M flare 1/4" female flare swivel - no depressor



Part No.	Description	Pkg Qty	Price
A31854*	Female Swivel on Branch	3	\$30.28
A31864*	Female Swivel on Run	3	\$30.28



A31853

SWIVEL TEE - 3/8" FLARE

- 3/8" female flare swivel x 3/8" M flare x 1/4" M flare access



Part No.	Description	Pkg Qty	Price
A31853*	Female Swivel on Run	1	\$33.80



1000027

PIPE THREAD TEE

- 1/4" M flare access x 1/4" M flare pipe thread



Part No.	Pipe Thread (In.)	Pkg Qty	Price
1000027*	1/8 MPT on Branch	3	\$28.62
1000033*	1/8 MPT on Run	3	\$27.38
1000034*	1/4 MPT on Run	3	\$30.92



A31452

PIPE THREAD TEE

- 1/4" M flare access x 1/4" M flare pipe thread



Part No.	Pipe Thread (In.)	Pkg Qty	Price
A31452*	1/8 MPT on Branch	3	\$30.94
A31454*	1/4 MPT on Branch	3	\$38.70
A31512*	1/8 MPT on Run	3	\$29.96
A31514*	1/4 MPT on Run	3	\$33.80



A31522

PIPE THREAD CROSS

- 1/4" M flare access x 1/4" M flare 1/4" M flare x 1/4" MP



Part No.	Description	Price
A31522*	Cross	\$31.52



1000029

HALF UNION

- 1/4" M flare access x MP



Part No.	Pipe Thread (In.)	Pkg Qty	Price
1000029*	1/8 MPT	5	\$13.76
1000030*	1/4 MPT	5	\$15.42
1000031*	1/8 MPT, 90°	3	\$25.44



A31482

HALF UNION

- 1/4" M flare access x MP



Part No.	Pipe Thread (In.)	Pkg Qty	Price
A31482*	1/8 MPT	5	\$14.90
A31484*	1/4 MPT	5	\$16.68
A31492*	1/8 MPT, 90°	3	\$27.40



1000047

FEMALE FLARE

- 1/4" M flare access x 1/4" female flare



Part No.	Description	Pkg Qty	Price
1000047*	1/4" Fem Flare Union/Copper Gasket	5	\$47.96



FEMALE FLARE

- 1/4" M flare access x 1/4" fem fla



Part No.	Description	Pkg Qty	Price
A31614*	1/4" Fem Flare Union/Copper Gasket	5	\$51.76
A31734*	1/4" Fem Flare Swivel with Depressor	3	\$33.00
A33004*	Access Coupler with Depressor	1	\$13.46



MALE FLARE



Part No.	Description	Pkg Qty	Price
A31424*	1/4" Flare Union with Nut	3	\$24.46
A31444*	1/4" M FlareT with Nut	3	\$41.26



BULKHEAD FITTING

- 1/4" M flare access x 1/4" M flare 1/4" MPT



Part No.	Description	Price
1000025*	Access x 1/4" M Flare with Nut	\$25.50



BULKHEAD FITTING

- 1/4" M flare access x 1/4" M flare 1/4" MPT



Part No.	Description	Price
A31434*	Access x 1/4" M Flare with Nut	\$27.90
A31727*	Access x (3/16", 1/4") ODS	\$31.00



BRAZE-ON SADDLE



Part No.	Tube Size (In.)	Pkg Qty	Price
A32904*	1/4	5	\$37.98
A32905*	5/16	5	\$37.98
A32906*	3/8	5	\$39.80
A32908*	1/2	3	\$26.30
A32910*	5/8	3	\$39.18
A32912*	3/4	2	\$45.62
A32914*	7/8	2	\$50.72



ACCESSORIES



Part No.	Description	Pkg Qty	Price
A31992*	Plastic Cap with Retainer Strap	5	\$10.72
A31999*	Valve Core	5	\$5.56

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

ACCESS FITTING

ACCESS FITTING

EXTENSION TUBE



CTE18

IRP International
Refrigeration Products

Part No.	Slip Fit (In.)	Pkg Qty	Price
CTE18*	1/8	5	\$14.00
CTE316*	3/16	5	\$14.00
CTE14*	1/4	5	\$14.36
CTE516*	5/16	5	\$14.58
CTE38*	3/8	5	\$14.58
CTE12*	1/2	3	\$36.30
100-0070*	1/4	50	\$274.56

SOLDER TEE



CBT14

IRP International
Refrigeration Products

Part No.	Slip Fit (In.)	Pkg Qty	Price
CBT14*	1/4	3	\$15.96
CBT516*	5/16	3	\$16.70
CBT38*	3/8	3	\$16.70
CBT12*	1/2	3	\$20.02
CBT58*	5/8	1	\$11.22
CBT34*	3/4	1	\$11.98
CBT78*	7/8	1	\$14.00
CBT118*	1 1/8	1	\$26.86

BULLET® PIERCING VALVE



BPV31

- Patented valve gasket application provides 50 times more sealing area than competitive O ring types
- A sealing force of over 180 inch lbs., torque tested with 500 lbs., pressure tested at 250°F

Supco

Part No.	Tube Size (In.)	Case Qty*	Price
BPV31 ¹	1/4, 5/16, 3/8	12	\$6.84
BPV21 ¹	1/2, 5/8	8	\$9.50
BPV14	1/4	12	\$9.34
BPV56	5/16	12	\$8.84
BPV38	3/8	12	\$8.84
BPV34	3/4	1	\$30.00

¹Furnished with adapter sleeves to use with indicated sizes

LINE PIERCING VALVE



LT456

The spring loaded needle automatically back-seats, forming a leak proof seal. Both models fit 1/4", 5/16", 3/8", 1/2 and 5/8" OD tubing.



Part No.	Description	Price
LT456*	1/4" - 3/8" Line Piercing Valve	\$15.72
LT810*	1/2" - 5/8" Line Piercing Valve	\$18.08

EZ TAPPER PIERCING VALVE



EZ40288

The back-seating stem eliminates line restriction when servicing through access port or use the valve for fl o control.



Part No.	Description	Price
EZ40288*	E-Z Tapper Piercing Valve	\$52.36

LINE TAP VALVE



QTM1

- Can be mounted in any position
- Adapter sleeves included

DIVERSITECH

Part No.	Tube Size (In.)	Price
QTM1	1/4, 5/16, 3/8	\$6.84
QTM2	1/2, 5/8	\$7.36

CORE DEPRESSOR



A33500



Part No.	Description	Price
A33500*	1/4" Thumbscrew Core Depressor	\$22.40

* Case Quantity for ordering convenience only

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



NGR222

NO VENT CAP

- Prevent excessive energy usage due to refrigerant loss
- Help prevent illegal venting of refrigerant
- Help prevent accidental mixing of refrigerant

- Deter refrigerant theft at unsecured sites
- Reduce potential liability for inhalation induced injury or death
- Corrosion resistant
- Integral neoprene O-ring resists all oils
- Integral torque limiter prevents overtightening

RECTORSEAL

Part No.	Description	Price
NGR222	Green Cap, R22, 1/4", pkg of 2	\$34.30
NPR4102	Pink Cap, R410A, 1/4", pkg of 2	\$34.30
NPER4102	Pink Cap, R410A, 5/16", pkg of 2	\$41.46
NSUNI2	Silver Cap, Universal, 1/4", pkg of 2	\$34.30
NGR22SDT	Screwdriver key, R22 (green) and silver	\$32.56
NPR410SDT	Screwdriver key, R410A (pink) and Eurocap	\$32.56
NVMULTIKEY	Multi Key, Fits All Caps	\$25.74



CD22902

REFRIGERANT SAFETY CAP

- Locks in place to prevent refrigerant loss
- Helps prevent unauthorized access
- Reduces potential liability for inhalation induced injury or death
- Deters refrigerant theft

**C&D
VALVE**

Part No.	Description	Price
CD22902	1/4" MFL Locking Cap, 2 Pack	\$26.16
CD22910	1/4" MFL Locking Cap, 10 Pack	\$120.68
CD229050	1/4" MFL Locking Cap, 50 Pack	\$522.24

INSULATED PIPE HANGER

IPH01212

INSULATED PIPE HANGERS

Armaflex Insulation pipe hangers are quick, innovative alternatives to traditional block and dowel pipe supports. These self-adhering, foam to foam hangers provide optimum load bearing while protecting against thickness compression and condensation gaps

that can compromise system integrity.

- Insulation only—requires clevis or saddle hanger for complete system
- CFC-free PUR/PIR load bearing segments embedded in Armacell tubular product. Outer shell 30 mils painted aluminum
- Single piece construction
- Thermal conductivity and resistance to moisture vapor flow
- Closed cell for system integrity
- Quick, easy 3-step installation
- Available to 8" IPS diameters

armacell**1/2" WALL THICKNESS**

Part No.	Tube Size (In.)	IPS (In.)	Assembly OD (In.)	Assembly L (In.)	Box Qty*	Price
IPH01212	1/2	1/4	—	—	32	
IPH05812	5/8	3/8	—	—	32	
IPH07812	7/8, 3/4	1/2	1.85	1.77	32	
IPH11812	1 1/8	3/4	2.13	1.77	32	
IPH13812	1 3/8	1	2.44	1.97	28	

3/4" WALL THICKNESS

Part No.	Tube Size (In.)	IPS (In.)	Assembly OD (In.)	Assembly L (In.)	Box Qty*	Price
IPH03834	3/8	—	1.81	2.17	28	
IPH01234	1/2	1/4	1.89	2.17	28	
IPH05834	5/8	3/8	2.05	2.17	28	
IPH07834	7/8, 3/4	1/2	2.32	2.17	28	
IPH11834	1 1/8	3/4	2.76	2.17	24	
IPH13834	1 3/8	1	3.19	2.56	24	
IPH15834	1 5/8	1 1/4	3.35	2.56	24	
IPH21834	2 1/8	—	3.86	2.56	24	
IPH25834	2 5/8	—	4.57	2.95	20	
IPH31834	3 1/8	—	5.00	3.35	16	
IPH41834	4 1/8	3 1/2	6.15	3.94	12	

1" WALL THICKNESS

Part No.	Tube Size (In.)	IPS (In.)	Assembly OD (In.)	Assembly L (In.)	Box Qty*	Price
IPH05810	5/8	3/8	2.54	2.17	28	
IPH07810	7/8, 3/4	1/2	2.82	2.17	28	
IPH11810	1 1/8	3/4	3.06	2.17	28	
IPH13810	1 3/8	1	3.33	2.56	24	
IPH15810	1 5/8	1 1/4	3.65	2.56	24	
IPH21810	2 1/8	—	4.16	2.56	24	
IPH25810	2 5/8	—	4.87	2.95	20	
IPH31810	3 1/8	—	5.14	3.35	16	
IPH41810	4 1/8	3 1/2	6.48	3.94	12	
IPH60010	6	6	—	—	3	

* Box Quantity for ordering convenience only

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

TUBE HANGERS

INSULATED PIPE HANGER



KLO-SHURE COUPLINGS

The KLO-Shure® insulation coupling reduces the time required to insulate copper tubing used for refrigerant lines, hot and cold water plumbing, and chilled water systems. The patented coupling allows sections of closed-cell, elastomeric insulation to be secured at suspension points.

This eliminates having to double wrap, glue, and tape insulation at clevis hangers and strut mounted clamps. It can also be used to simply secure two lengths of insulation. They can be slit open to facilitate installation, and secured with the provided metal clip. They also can be used unopened by sliding the coupling over tubing as it is installed. No special tools, glue, or tape are required. Recommended for pipe fitters to support and level tubing during installation. This allows insulation to be secured in seconds. These part numbers include KLO-Shure® coupling, clamp halves with welded fastener and locknut.

- Complete, superior vapor barrier at suspension point without gluing and taping
- Dramatically improves finished physical appearance of insulated tube runs
- Eliminates insulation compression at suspension points
- Faster installation, lower labor and material costs.
- No messy adhesives, taping, insulation bulges



1/2" WALL THICKNESS

Part No.	Tube Size (In.)	Assembly L (In.)	Dia. (In.)	Price
724025	1/4	2	1.375	\$5.40
724037	3/8	2	1.50	\$5.52
724050	1/2	2	1.62	\$6.08
724062	5/8	2	1.75	\$6.56
724075	3/4	2	1.87	\$7.38
724087	7/8	2	2	\$7.78
724112	1 1/8	2	2.25	\$8.74
724137	1 3/8	2	2.5	\$12.16
724162	1 5/8	2	2.75	\$13.10
724212	2 1/8	2	3.25	\$17.20
724262	2 5/8	2	3.75	\$22.94
724312	3 1/8	2	4.25	\$23.90
724412	4 1/8	2	5.25	\$43.34

3/4" WALL THICKNESS

Part No.	Tube Size (In.)	Assembly L (In.)	Dia. (In.)	Price
726025	1/4	2	1.87	\$7.38
726037	3/8	2	2	\$7.76
726050	1/2	2	2.12	\$8.20
726062	5/8	2	2.25	\$8.74
726075	3/4	2	2.37	\$10.44
726087	7/8	2	2.5	\$12.08
726112	1 1/8	2	2.75	\$13.10
726137	1 3/8	2	3	\$13.80
726162	1 5/8	2	3.25	\$17.20
726212	2 1/8	2	3.75	\$22.94
726262	2 5/8	2	4.25	\$23.90
726312	3 1/8	2	4.75	\$33.44
726412	4 1/8	2	5.75	\$69.28



1" WALL THICKNESS

Part No.	Tube Size (In.)	Assembly L (In.)	Dia. (In.)	Price
728025	1/4	2	2.37	\$12.12
728037	3/8	2	2.5	\$12.12
728050	1/2	2	2.62	\$12.84
728062	5/8	2	2.75	\$13.10
728075	3/4	2	2.87	\$12.12
728087	7/8	2	3	\$13.80
728112	1 1/8	2	3.25	\$17.20
728137	1 3/8	2	3.5	\$17.62
728162	1 5/8	2	3.75	\$22.94
728212	2 1/8	2	4.25	\$23.54
728262	2 5/8	2	4.75	\$33.44
728312	3 1/8	2	5.25	\$43.34
728362	3 5/8	2	5.75	\$69.28
728412	4 1/8	2	6.25	\$88.38



1 1/2" WALL THICKNESS

Part No.	Tube Size (In.)	Assembly L (In.)	Dia. (In.)	Price
729037	3/8	2	—	\$19.66
729050	1/2	2	—	\$22.32
729062	5/8	2	—	\$22.94
729087	7/8	2	2.5	\$23.54
729112	1 1/8	2	2.75	\$24.58
729137	1 3/8	2	3	\$28.32
729162	1 5/8	2	3.25	\$33.44
729212	2 1/8	2	3.75	\$43.34
729262	2 5/8	2	4.25	\$69.26
729312	3 1/8	2	4.75	\$88.38



PIPE CRADLE



SNAP'N SHIELD FOR STRUT CHANNEL

Fast, easy installation – snaps onto strut channel; up to 60% quicker than traditional metal shields.

- No tools required
- Horizontal installation attachment feature to minimize the need to lift the pipe during installation
- Tight snap-on fit design helps eliminate shield movement which helps prevent insulation damage
- Tapered lip end design helps protect insulation from damage that can be caused by sharp edge of traditional saddles
- High sidewalls are designed to contain refrigerant liquid lines for efficient system installation
- Designed for side-by-side installation to help minimize costs in high density applications
- Wide mounting flange to allow for optional self-tapping screw
- MSS standards require 12" of surface contact for pipe sizes up to 4". All sizes of Snap 'N Shield™ have 12" of surface contact
- Structural ribs improve crush rating by more than 25% at strut attachment
- Material is UV resistant, paintable and operating temperature of -40 degrees to 178 degree Fahrenheit.



Dimensions (In.)				
Part No.	L	Opening Width (In.)	Color	Price
BPS200B	12	2.35	Black	\$9.34
BPS200W	12	2.35	White	\$9.34
BPS300B	12	3.46	Black	\$11.12
BPS300W	12	3.46	White	\$11.12
BPS400B	12	4.5	Black	\$12.00
BPS400W	12	4.5	White	\$12.00
BPS500B	12	5.52	Black	\$12.88
BPS500W	12	5.52	White	\$12.88
BPS600B	12	6.5	Black	\$15.20
BPS600W	12	6.5	White	\$15.20
BPS800B	12	8.64	Black	\$21.82
BPS800W	12	8.64	White	\$21.82



BRONCO II® INSULATION TUBE & PIPE SADDLE

- Universal mounting feature allows secure fit on either side of channel
- Molded with self-tapping screw location hole
- UL Classified 2043 Flame Spread Smoke Index for use in air handling systems
- Manufactured from high-strength Polypropylene Copolymer
- Extra strength ribbed side walls
- No assembly or tools required
- Enhanced safety lip prevents insulation crushing and tearing from pipe movement
- Available in black and white to match insulation



Dimensions (In.)				
Part No.	L	Opening Width (In.)	Color	Price
225B2S	12	2.25	Black	\$9.28
225W2S	12	2.25	White	\$9.28
325B2S	12	3.25	Black	\$10.74
325W2S	12	3.25	White	\$10.74
425B2S	12	4.25	Black	\$11.70
425W2S	12	4.25	White	\$11.70
525B2S	12	5.25	Black	\$13.10
525W2S	12	5.25	White	\$13.10
625B2S	12	6.25	Black	\$15.44
625W2S	12	6.25	White	\$15.44
825B2S	12	8.25	Black	\$22.08
825W2S	12	8.25	White	\$22.08



INSUGUARD PIPE CRADLE

Designed to accommodate movement of the pipes generated by thermal expansion and vibration. It allows the pipe to slide easily into the protector. Eliminates insulation tears, costly leaks caused by pipe friction against the metal parts of the suspension or the structure. It holds up to the highest quality standards of the industry. Easy to install, the protector directly fits the standard channel used in the industry. You only have to fix the protector on the channel. Insuguard's revolutionary design protects your piping system and improves its appearance. It's a practical and economical way to standardize your entire installations.



Dimensions (In.)					
Part No.	L	W	H	Color	Price
INSUGUARD225	12	2 1/4	4 5/8	Black	\$9.88
INSUGUARD225W	12	2 1/4	4 5/8	White	\$9.88
INSUGUARD325	12	3 1/4	5 5/8	Black	\$12.06
INSUGUARD325W	12	3 1/4	5 5/8	White	\$12.06
INSUGUARD425	12	4 1/4	6 5/8	Black	\$13.06
INSUGUARD425W	12	4 1/4	6 5/8	White	\$13.06
INSUGUARD525	12	5 1/4	7 5/8	Black	\$17.48
INSUGUARD525W	12	5 1/4	7 5/8	White	\$17.48
INSUGUARD625	12	6 1/4	8 5/8	Black	\$20.04
INSUGUARD625W	12	6 1/4	8 5/8	White	\$20.04
INSUGUARD825B	12	8 1/4	10 5/8	Black	\$35.36
INSUGUARD825W	12	8 1/4	10 5/8	White	\$35.36

TUBE HANGERS

CHANNEL STRUT



B52SH-10

GREEN EPOXY FINISH

Urethane powder resins are applied electrostatically to the steel after fabrication. Once the material is completely covered with the powder urethane, it proceeds through a 400° baking process for ten minutes, creating a chemical

bond. This results in a minimum of 1.5 mil thickness of urethane coating providing excellent resistance to chipping

- Standard length: 10' (3.05m) and 20' (6.09m)
- Standard finish: dura-green epox
- Special order: plain

B-Line
by **FAT-N**

Part No.	Thickness (Ga)	Length (Ft.)	Width (In.)	Height (In.)	Weight/Ft (Lbs.)	Price
B52SH-10	12	10.0	1 5/8	13/16	1.19	☎
B22SH-10	12	10.0	1 5/8	1 5/8	1.82	☎
B22SH-20	12	20.0	1 5/8	1 5/8	1.82	☎
B54SH-10	14	10.0	1 5/8	13/16	1.36	☎
B54SH-20	14	20.0	1 5/8	13/16	2.12	☎



B1200HS10

GOLD GALVANIZED FINISH

The standard GoldGalv® wiring support hardware finish on Superstrut product is a multi-step electrogalvanizing and zinc dichromate process. The .5 mil electrogalvanized plating, rather than a standard galvanized coating, creates a cohesive molecular bond between the

zinc and the steel. This resists future blistering or peeling, since corrosion cannot penetrate the bond. The plating is performed in compliance with ASTM specifications B 633-85. The electrogalvanizing provide an even distribution of zinc, even on threads, unlike other galvanizing methods. Gold colored zinc dichromate is applied over the zinc, producing a chemically bonded non-porous barrier for protection from moisture and air. This extends the protective life of the zinc, and provides an excellent base for paint, if desired. The GoldGalv® hardware finish also provides a low electrical resistance when grounding of the system is required. Superstrut channel and fittings are plated after fabrication, so there are no unprotected edges from cutting or punching. Where field cutting is necessary or scratches occur due to construction handling, you still have the sacrificial protection of the plated zinc to minimize the corrosion of raw edges and prevent spreading.

- Standard length: 10' (3.05m) and 20' (6.09m)

B-Line
by **FAT-N**

Part No.	Thickness (Ga)	Length (Ft.)	Width (In.)	Height (In.)	Weight/Ft (Lbs.)	Price
B1200HS10	12	10.0	1 5/8	13/16	1.19	☎
B1200HS20	12	20.0	1 5/8	13/16	1.19	☎
A1200HS10	12	10.0	1 5/8	1 5/8	1.82	☎
A1200HS20	12	20.0	1 5/8	1 5/8	1.82	☎
B1400HS10	14	10.0	1 5/8	13/16	1.36	☎



A1200HS10PG

PRE-GALVANIZED FINISH

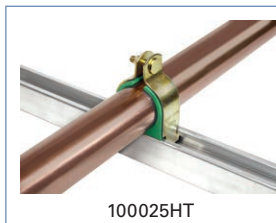
A zinc coating is applied by hot-dipping the steel coil at the mill prior to fabrication. Once the material is worked by rollforming, cutting, or punching, minimal protection is provided for raw edges. This weakness is typical with pre-coated material and affects the

channel section around holes, extreme ends, and the edges of the "U" shape lips. Superstrut pregalvanized material is in conformance with ASTM A-525/G-90 specification standards, representing 0.90 ounces of zinc per square foot of steel. This finish is often referred to as "hot-dipped mill galvanized" or "mill galvanized".

B-Line
by **FAT-N**

Part No.	Thickness (Ga)	Length (Ft.)	Width (In.)	Height (In.)	Weight/Ft (Lbs.)	Price
A1200HS10PG	12	10.0	1 5/8	1 5/8	1.82	☎
A1200HS20PG	12	20.0	1 5/8	1 5/8	1.82	☎

PIPE CLAMP



100025HT

CUSHIONED CLAMP ASSEMBLY, HIGH TEMPERATURE

Specifically designed for longer durability in HVAC/R, Plumbing/Mechanical, Brewing Systems, and anywhere higher pipe processing temperatures are a concern.

- Temperature rating: -65°F to +338° F
- Clamps are 1008-1010 carbon steel
- Eliminate shock and vibration
- Resist most fuels, oils, gasses, greases, solvents, mineral acids and other harsh materials
- Assembled or disassembled with a single hand or power wrench for fast and simple installation
- All metal components have a Trivalent (non-hex) plating

Hydram

Part No.	Tube Size (In.)	Price
100025HT	1/4	\$5.60
100037HT	1/8	\$5.60
100050HT	1/2	\$5.60
100062HT	5/8	\$5.74
100075HT	3/4	\$6.44
100087HT	7/8	\$7.42
100100HT	1	\$7.70
100119HT	1 1/19	\$9.66
100112HT	1 1/8	\$8.68
100125HT	1 1/4	\$9.38
100137HT	1 3/8	\$10.36
100150HT	1 1/2	\$11.20
100162HT	1 5/8	\$13.72
100175HT	1 3/4	\$13.30
100187HT	1 7/8	\$18.06
100200HT	2	\$14.84
100212HT	2 1/8	\$20.72
100225HT	2 1/4	\$21.34

Continued...

CUSHIONED CLAMP ASSEMBLY, HIGH TEMPERATURE (CONT'D.)



Part No.	Tube Size (In.)	Price
100237HT	2 3/8	\$22.00
100251HT	2 1/2	\$23.34
100262HT	2 5/8	\$23.52
100300HT	3	\$30.10
100312HT	3 1/8	\$30.10
100362HT	3 5/8	\$40.88
100400HT	4	\$56.70
100412HT	4 1/8	\$57.12
100500HT	5	\$118.30
100512HT	5 1/8	\$118.30
100600HT	6	\$159.60
100612HT	6 1/8	\$159.60



NIC-1/4

CUSHIONED CLAMPS

Assembly consisting of galvanized finish steel clamp with bolt/locknut and cushion. Installation is easy and requires no more time than a simple pipe clamp would. The cushion absorbs the shock and associated vibrations from fluid

surges in tube, pipe and hoses. It can handle temperatures from 300°F to -40°F.



Part No.	Tube Size (In.)	Price
NIC-1/4	1/4	\$4.00
NIC-3/8	3/8	\$4.08
NIC-1/2	1/2	\$4.20
NIC-5/8	5/8	\$4.36
NIC-3/4	3/4	\$4.56
NIC-7/8	7/8	\$5.18
NIC-1-1/8	1 1/8	\$5.72
NIC-1-3/8	1 3/8	\$6.44
NIC-1-5/8	1 5/8	\$9.08
NIC-2-1/8	2 1/8	\$12.60
NIC-2-5/8	2 5/8	\$18.12
NIC-3-1/8	3 1/8	\$25.64
NIC-3-5/8	3 5/8	\$38.28
NIC-4-1/8	4 1/8	\$51.76



70138

CHANNEL CLAMPS

Standard Finish: GoldGalv®

B-Line
by **FAT-N**

Part No.	Tube Size (In.)	Thickness (Ga)	Price
70138	3/8	14	\$3.86
70112	1/2	14	\$3.96
70158	5/8	14	\$3.98
70134	3/4	14	\$4.12
70178	7/8	14	\$2.68
701118	1 1/8	14	\$5.16
701138	1 3/8	14	\$3.18
701158	1 5/8	14	\$3.58
701178	1 7/8	12	\$5.26
701218	2 1/8	12	\$7.54
701238	2 3/8	12	\$4.64
701212	2 1/2	12	\$17.58
701258	2 5/8	12	\$8.24
701278	2 7/8	12	\$8.52
701318	3 1/8	12	\$9.00
701312	3 1/2	12	\$20.64
701358	3 5/8	11	\$12.02
701378	3 7/8	11	\$12.02
701418	4 1/8	11	\$12.20
701458	4 5/8	11	\$13.22
701478	4 7/8	11	\$13.84
701518	5 1/8	11	\$15.56
7016	6	10	\$18.92

STRUT HARDWARE



AB201

2 HOLE ANGLE BRACKET

- 1 5/8" wide

B-Line
by **FAT-N**

Part No.	Approx. Arm Lengths (In.)	Wgt (Lbs.)	Price
AB201	1 5/8 x 2 1/4	0.37	\$4.88
AB202	1 7/8 x 2	0.37	\$4.76
G3005	1 5/8 x 2 5/16	0.37	\$5.08

TUBE HANGERS

STRUT HARDWARE



3 HOLE ANGLE BRACKET

- 1 5/8" wide
- 1/4" thick
- Gold galvanized finish

AB203

B-Line
by **FAT-N**

Part No.	Approx. Arm Lengths (In.)	Wgt (Lbs.)	Price
AB203	4 1/8 x 1 5/8	0.56	\$15.16
AB204	3 1/2 x 2 1/4	0.56	\$15.12



4 HOLE ANGLE BRACKET

- Approximate arm lengths: 3 1/2" x 4 1/8"
- 1 5/8" wide

AB205

B-Line
by **FAT-N**

Part No.	Approx. Arm Lengths (In.)	Wgt (Lbs.)	Price
AB205	3 1/2 x 4 1/8	0.78	\$9.58



2 HOLE 135° ANGLE

- Approximate arm lengths: 3" x 2 5/16"
- 1 5/8" wide
- 1/4" thick

AB227

B-Line
by **FAT-N**

Part No.	Approx. Arm Lengths (In.)	Price
AB227	2 5/16 x 3	\$22.52



2 HOLE FLAT PLATE

G2011

Part No.	Description	Wgt (Lbs.)	Price
G2011	3 1/2" L x 1 5/8" W	0.37	\$5.44



CM10014

NYLON CONE NUT

CM Series: For all 1 5/8" channel. Will not fit B series channel

UC Series: GoldGalv® finish. For use with all 1-5/8" and 1-1/2" channels and may be used with all strut depths. Can be used for CM-100, A-100, B-100 and AB-100 Series

B-Line
by **FAT-N**

Part No.	Size (In.)	Price
CM10014	1/4	\$2.50
CM10038	3/8	\$4.30
UC10012	1/2	\$7.26
CM10012	1/2	\$2.90



B10014

SHORT SPRING NUT

B-Line
by **FAT-N**

Part No.	Size (In.)	Price
B10014	1/4	\$2.50
B10038	3/8	\$3.46



AB219

3 HOLE ANGLE PLATE

- Approximate overall arm length: 3 1/2" x 3 1/2"
- 1 5/8" wide

B-Line
by **FAT-N**

Part No.	Approx. Arm Lengths (In.)	Description	Price
AB219	3 1/2 x 3 1/2	3 Hole Angle Plate	\$10.14

PIPE PIER



93951

- 100% recycled rubber, UV resistant (approved by Building Green Inc for LEED credit)
- Base with 14GA galvanized channel (13/16")
- Load rating: 2500 lbs./ft
- Suitable for any type of roofing material or other flat surface

B-Line
by **FAT-N**

Part No.	Dimensions (In.)			Price
	L	W	H	
93951	9 5/8	6	4 13/16	\$53.74

SLOTTED ANGLE METAL LUMBER



SA276-10

ELECTRO-PLATED FINISH

Slotted angle is an all-purpose framing system, roll formed from high strength steel strips. It is designed to be used as economical shelving, racks or and mechanical supports. The unique pattern of horizontal and vertical slots permits full flex bility. Two basic sizes

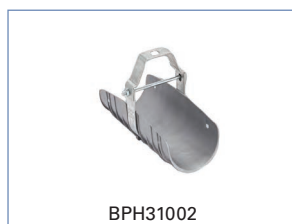
are available for light and medium duty applications.

- Standard finishes: electro-plated (ASTM B633 SC1).
- Other finishes are available

B-Line
by **FAT-N**

Part No.	Thickness (Ga)	Length (Ft.)	Width (In.)	Height (In.)	Wgt (Lbs.)	Price
SA276-10	14	10.0	2 3/8	1 5/8	7.8	
SA318-10	12	10.0	3 1/8	1 5/8	13.2	

PIPE HANGER



BPH31002

UNIVERSAL SNAP-N-SHIELD WITH CLEVIS HANGER

- Clevis hanger cartridge has an optional magnetic shock detection device, available with three different shock intensity flag
- Lip design on ends of shield allow for lateral movement of piping

without damaging insulation

- Snap on design helps eliminate shield movement, helping to prevent insulation damage
- No tools required for installation
- Suited for horizontal pipe runs
- Integrated slots for liquid line tie wraps
- UV resistant
- Operating temperature: -40 to 178°F
- Paintable
- Non-adhesive surface for insulation expansion

B-Line
by **FAT-N**

Part No.	Tube Size (In.)	Opening Width (In.)	Rod Diameter (In.)	Price
BPH31002	2	2.34	3/8	\$13.80
BPH31003	3	3.45	3/8	\$18.86



12CH

CLEVIS HANGER

Used to support copper tubing and copper plated to match tube. It is made of steel and of sufficient weigh to carry whatever load its size requires. It provides a vertical adjustment of approximately 1-1/2" after pipe is in place.

- Copper plated
- Approvals: Complies with Federal Specification W -H-171 (Type 12)

Part No.	Tube Size (In.)	Rec. Safe Load (Lbs)	Rod Diameter (In.)	Bolt (In.)	Wgt (Lbs.)	Price
12CH	1/2	450	3/8	1/4	0.14	\$2.12
34CH	3/4	450	3/8	1/4	0.15	\$2.12
1CH	1	450	3/8	1/4	0.18	\$2.20
114CH	1 1/4	450	3/8	1/4	0.2	\$2.48
112CH	1 1/2	450	3/8	1/4	0.27	\$2.60
2CH	2	450	3/8	1/4	0.32	\$2.84
212CH	2 1/2	450	1/2	1/4	0.71	\$6.44
3CH	3	600	1/2	1/4	0.8	\$8.28
312CH	3 1/2	600	1/2	1/4	1.1	\$7.88
4CH	4	600	1/2	5/16	1.23	\$8.32
5CH	5	900	5/8	3/8	1.9	\$19.52
6CH	6	900	5/8	3/8	2.2	\$29.20



12AB

COPPER A BAND

Used to support copper tubing. An all steel hanger formed in one piece giving a double thickness of stock at the point which carries the load.

- Copper plated
- Approvals: Complies with Federal Specification W -H-171 (Type 7) and Manufacturers Standardization Society SP-69 (Type 7).

Part No.	Tube Size (In.)	Rec. Safe Load (Lbs)	Rod Diameter (In.)	Wgt (Lbs.)	Price
12AB	1/2	610	3/8	0.1	\$2.36
34AB	3/4	610	3/8	0.12	\$1.80
1AB	1	610	3/8	0.14	\$1.76
114AB	1 1/4	610	3/8	0.16	\$1.48
112AB	1 1/2	610	3/8	0.17	\$1.92
2AB	2	610	3/8	0.32	\$2.24
212AB	2 1/2	970	1/2	0.36	\$3.44
3AB	3	970	1/2	0.57	\$5.84
4AB	4	970	5/8	0.68	\$6.76

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

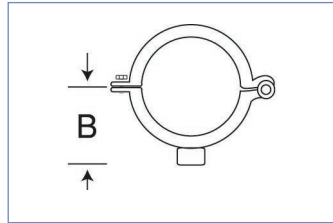
TUBE HANGERS

PIPE HANGER

COPPER SPLIT RING



14SRH_A



Extension hanger ring. Malleable iron — copper plated. Manufactured to fit copper tubing

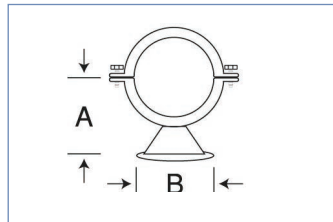
- Approvals: Complies with Federal Specification W -H-171 (Type 25) and Manufacturers Standardization Society SP-69 (Type 12)

Part No.	Nominal Tube Size (In.)	Rec. Max Load (Lbs.)	Dim. B (In.)	Tapping (In.)	Wgt (Lbs.)	Price
14SRH	1/4	180	9/16	3/8	0.11	\$2.72
38SRH	3/8	180	5/8	3/8	0.12	\$3.08
12SRH	1/2	180	23/32	3/8	0.13	\$3.08
34SRH	3/4	180	13/16	3/8	0.15	\$3.68
1SRH	1	180	15/16	3/8	0.16	\$3.80
114SRH	1 1/4	180	1-5/32	3/8	0.19	\$4.56
112SRH	1 1/2	180	1-7/32	3/8	0.22	\$4.92
2SRH	2	180	1-7/16	3/8	0.27	\$5.84
212SRH	2 1/2	480	1-15/16	1/2	0.72	\$10.68

COPPER VAN



34VH



Copper plated. Stamped steel hanger for copper tubing is a strong, neat, and light concealed screw hanger. It supports the tubing one inch from back of tube to wall and has only two parts. It takes the place of rough unsightly looking hangers in a finished room and eliminates the use of ordinary pipe clips.

Part No.	Tube Size (In.)	Dim. A (In.)	Dim. B (In.)	Wgt/Ea. (Lbs.)	Price
12VH	1/2	1-3/16	1-5/8	0.075	\$3.32
34VH	3/4	1-5/16	1-5/8	0.075	\$3.52
1VH	1	1-7/16	1-5/8	0.085	\$3.60
114VH	1 1/4	1-9/16	1-5/8	0.09	\$4.00
112VH	1 1/2	—	—	0.2	\$4.92
2VH	2	—	—	0.1	\$8.36

BEAM CLAMP

BEAM CLAMP



38BC

Top beam clamps are to be used on the top sections of beams and bar joists where the roof rests flat on to of the beam. Side beam clamps attach to the I beam flange and allow rod to b dropped at or near the edge of the beam

- Cast iron 3/8" -16 set screw
- Approvals: Underwriters approved (3/8" rod)

Part No.	Finish	Rod Diameter (In.)	Type	Wgt/Ea. (Lbs.)	Price
38BC	Black	3/8	Top	0.38	\$2.52
38BCG	Galvanized	3/8	Top	0.38	\$3.80
38SBC	Black	3/8	Side	0.38	\$2.20
12BC	Black	1/2	Top	0.38	\$3.60
12BCG	Galvanized	1/2	Top	0.38	\$4.32

C CLAMP



38CC

C clamp with locking nut. Stamped steel. The locking nut when tightened prevents loosening due to vibration, thus eliminating the necessity of using retaining clips.

- Approvals: Underwriters' Laboratories listed and Factory Mutual Approved.

Part No.	Finish	Rec. Max Load (Lbs.)	Dim. A (In.)	Set Screw (In.)	Wgt/Ea. (Lbs.)	Price
38CC	Black	400	3/8	3/8 x 2	0.45	\$3.24
38CCG	Galvanized	400	3/8	3/8 x 2	0.45	\$4.24
12CC	Black	500	1/2	1/2 x 2	0.54	\$4.04
12CCG	Galvanized	500	1/2	1/2 x 2	0.54	\$6.92

THREADED ROD



38TR

All-thread hanger rod has a standard thread running its entire 6' length. Furnished black and electrogalvanized.

- Sold in 6' lengths; 12/38TRG10 sold in 10' lengths; all are PRICED PER FOOT
- 38X3ROD (3 inches long) priced per each

Part No.	Finish	Rod Diameter (In.)	Rec. Max Load (Lbs.)	Feet/Bundle	Weight /Ft (Lbs.)	Price
14TR	Black	1/4	240	600	0.12	\$0.64
14TRG	Galvanized	1/4	240	600	0.12	\$0.92
516TR	Black	5/16	300	450	0.2	\$1.36
38TR	Black	3/8	610	300/150	0.3	\$1.16
38TRG	Galvanized	3/8	610	300/150	0.3	\$1.52
38TRG10	Galvanized	3/8	610	150	0.3	\$1.52
38TRG12	Galvanized	3/8	610	150	0.3	\$1.22
38X3ROD ¹	Copper	3/8	610	—	1.11	\$1.48
12TR	Black	1/2	1130	—	0.54	\$2.52
12TRG	Galvanized	1/2	1130	—	0.54	\$3.04
12TRG10	Galvanized	1/2	1130	—	0.54	\$3.04
58TR	Black	5/8	1810	90	0.85	\$4.08
58TRG	Galvanized	5/8	1810	90	0.85	\$3.04
78TRG	Galvanized	7/8	3700	24	1.7	\$9.28

¹For use with split ring hangers and/or 38BP wall plate. Copper plated.



38RC

ROD COUPLING

*G suffix: galvanize

Part No.	Size (In.)	Price
14RC	1/4	\$0.92
38RC	3/8	\$1.28
38RCG	3/8	\$1.48
12RC	1/2	\$1.56
12RCG	1/2	\$1.68



NRH2W

ROD ANCHOR

- One piece threaded rod hanging system for wood, similar to "Sammy Screws"
- Applications include HVAC ductwork and strut channels, hanging pipe and sprinkler systems, suspending

conduit and cable trays, and lighting systems and overhead utilities, among others.



Part No.	Description	Rod Diameter (In.)	Pkg Qty	Price
NRH1W	Vertical (Straight) Entry for 3/8" Threaded Rod, 1" Long	3/8	36	\$65.48
NRH2W	Vertical (Straight) Entry for 3/8" Threaded Rod, 2" Long	3/8	24	\$53.78
NRH2WS	Horizontal (Side) Entry for 3/8" Threaded Rod, 2" Long	3/8	24	\$69.86
NRHWT	Drive Socket for NRH Series Rod Anchors		1	\$20.50



38BP

ROD ANCHOR

Part No.	Description	Rod Diameter (In.)	Price
38BP	Copper Plated Anchor Plate	3/8	\$2.88
12BP	Copper Plated Anchor Plate	1/2	\$3.20
38LS	Black Lag Screw	3/8	\$1.28



NRHC

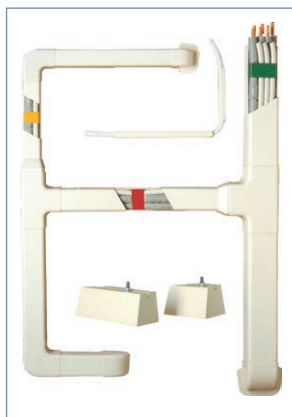
ROD HANGER SCREW



Part No.	Description	Rod Diameter (In.)	Pkg Qty	Price
NRHC	Rod anchor screw for concrete, 3/8" x 1 5/8"; (includes 1/4" bit)	3/8	24	\$77.98
NRHCT	Rod hanger screw drive socket, concrete, for 3/8" rod	3/8	1	\$27.06

TUBE SHROUD

TUBE SHROUD, PLASTIDUCT



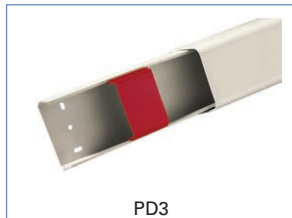
Decorative tubing cover designed to organize, protect and beautify outdoor lineset installations

- Permanent base, removable cover... clips hold tubing in place
- High quality, paintable PVC
- Quick and easy installation
- UV and shock resistant
- Non-flammable UL9
- Temperature range -4° to +140°F



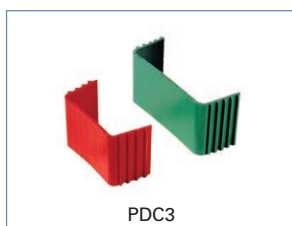
FLEXIBLE JOINT

Part No.	Description	Price
PDFJ3	Flexible Joint, 24"	\$20.02



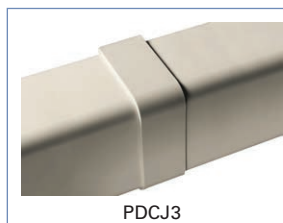
TRUNK, 78" LENGTH

Part No.	Description	Price
PD3	6 1/2' L x 3 1/4" W x 2 1/3" H	\$33.94
PD4	6 1/2' L x 4 1/3" W x 3" H	\$50.98



TUBE CLIP

Part No.	Description	Price
PDC3	Tube Clip, Red, PD3	\$1.06
PDC4	Tube Clip, Green, PD4	\$1.26



COVER JOINT

Part No.	Description	Price
PDCJ3	Cover Joint, PD3	\$5.02
PDCJ4	Cover Joint, PD4	\$8.86



INTERNAL CORNER

Part No.	Description	Price
PDIC3	Inside Corner, PD3	\$8.42
PDIC4	Inside Corner, PD4	\$10.62
PDAIC3	Inside Corner, Adjustable, 80° to 105°, PD3	\$10.76



EXTERNAL CORNER

Part No.	Description	Price
PDEC3	Outside Corner, PD3	\$11.58
PDEC4	Outside Corner, PD4	\$20.96
PDAEC3	Outside Corner, Adjustable, 70° to 120°, PD3	\$39.72



FLAT CURVE

Part No.	Description	Price
PDFC3	Flat Curve, PD3	\$11.58
PDFC4	Flat Curve, PD4	\$20.74

PLANE CURVE



PDAPC3



Part No.	Description	Price
PDAPC3	Plane Curve, PD3	\$14.88

REDUCER



PDR4



Part No.	Description	Price
PDR4	Reducer, 4.33 x 3.25	\$15.32

END CAP

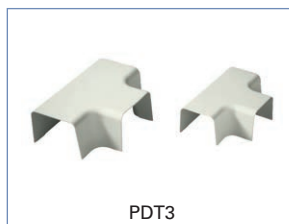


PDECAP3



Part No.	Description	Price
PDECAP3	End Cap, PD3	\$8.14

TEE



PDT3



Part No.	Description	Price
PDT3	Tee, PD3	\$28.02
PDT4	Tee, PD4	\$41.60

CORNER WALL ELBOW



PDWE3



Part No.	Description	Price
PDWE3	Wall Elbow, PD3	\$13.20
PDWE4	Wall Elbow, PD4	\$21.38

WALL PASSAGE



PDWP3



Part No.	Description	Price
PDWP3	Wall Passage, PD3	\$13.68
PDWP4	Wall Passage, PD4	\$13.68

MOUNTING BRACKET



PDF18

CONDENSER RISERS, 4"



Part No.	Holding Capacity (Lbs.)	Length (In.)	Price
PDF18	40.0	18	\$19.58
PDF39	40.0	39	\$39.92



PDFC



Part No.	Description	Price
PDFC	Condenser Riser End Cap	\$10.76

HEATING CABLE

PIPE HEATING CABLE

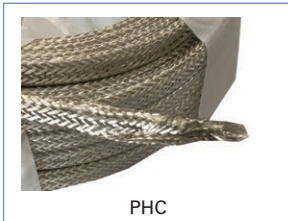


HEATING CABLE WITH INTERNAL REGULATION

- Application: wet and dry, pipe freeze protection
- Standard approved: cETLus



Part No.	Watt/ Foot	Length (Ft.)	Volt- age	Plug Size (In.)	Price
HC1206	5	6.0	120	NEMA 5-15	\$111.64
HC12012	5	12.0	120	NEMA 5-15	\$141.40
HC12018	5	18.0	120	NEMA 5-15	\$177.54
HC12024	5	24.0	120	NEMA 5-15	\$212.12
HC2406	5	6.0	240	Cut and Stripped Ends	\$116.64
HC24012	5	12.0	240	Cut and Stripped Ends	\$153.80
HC24018	5	18.0	240	Cut and Stripped Ends	\$189.56
HC24024	6	24.0	240	Cut and Stripped Ends	\$230.08



HEATING CABLE

- Standard approved: cULus (UL Listed)
- Sold by the foot



Part No.	Watt/ Foot	Length (Ft.)	Volt	Application	Plug Size (In.)	Price
PHC12050	5	50.0	120	Piping	Cut Ends	\$6.82
PHC120100	5	100.0	120	Piping	Cut Ends	\$598.40
PHC120250	5	250.0	120	Piping	Cut Ends	\$1,333.28
PHC24050	5	50.0	240	Piping	Cut Ends	\$7.10
RPHC12050	5	50.0	120	Roof/Gutter/ Downspout/ Pipe	Cut Ends	\$8.48
RPHC24050	5	50.0	240	Roof/Gutter/ Downspout/ Pipe	Cut Ends	\$9.66



ACCESSORIES



Part No.	Use with	Description	Price
HCATL	Heat Cables	Tape (66 Ft.) and Electrical Traced Labels	\$29.24
HCKK	PHC and RHC Cables	Installation Kit w/ 14 Items Included	\$58.14

These self-regulating heating cables provide convenient, reliable freeze protection for a wide variety of professionally installed residential and commercial water-pipe and roof-and-gutter de-icing applications. Use waterproof jacket in installations where the cable is likely to be exposed to moisture (i.e., roof installations, inside drain lines). H600 Series cables are cut to length and are available in 50' and bulk roll sizes. Complete design guidelines, installation instructions, and safety information are provided in the H900 Power Connection Kit and the H908 Plug-In Power Connection Kit.



WATERPROOF JACKET OVER METAL SHIELD



Part No.	Watt/Foot	Voltage	Price
H612FT	6	120	\$8.62
H622FT	6	240	\$12.18



METAL SHIELD



Part No.	Watt/Foot	Length (Ft.)	Voltage	Price
H611FT	6	1.0	120	\$8.62
H621FT	6	1.0	240	\$9.02



ACCESSORIES



Part No.	Description	Price
H908	Plug-In Cord Set with Ground Fault Interrupter	\$137.04
H910	Splice and Tee Kit	\$34.90
H912	Gel-Filled End Seal Kit	\$30.60

PENTAIR HEATING CABLE SELECTION

Use one of the tables below to help select the correct WinterGard heating cable for your applications. (Consult the "Heat Systems Application and Design Guide" or "H900/ H908 Installation Instructions" for complete system design information).

Use Table 1 to select heating cables for insulated metal pipes. Use Table 2 for insulated plastic pipes.

Read across the table to find your pipe diameter, then drop down to the line corresponding to the lowest air temperature for that application and the correct insulation thickness. The cell at that intersection has a particular shade and may have a number.

The shade indicates which heating cable to use. A number in the cell represents the spiraling ratio (feet of heating cable per foot of pipe). If no number appears in the cell, straight trace the cable. If a number does appear in the cell, spiral trace the pipe. If your spiraling ratio is 2.0, multiple-trace the cable using two straight traces at the 4 o'clock and 8 o'clock positions.

If your spiraling ratio is 3.0, multiple-trace the cable using three straight traces at the 11 o'clock or 1 o'clock position and at the 4 o'clock and 8 o'clock positions.

KEY TO TABLES 1 AND 2

H611, H612, H621, H622

Increase insulation thickness

TABLE 1

For metal pipes with fiberglass insulation or equivalent (based on 40°F maintain)

Lowest Air Temp.	Insulation Thickness (In.)	Pipe Diameter (In.)										
		0.50	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	6.00	8.00
0°F	0.5									1.3	1.8	3.0
0°F	1.0											1.3
0°F	1.5											
-20°F	0.5						1.1	1.3	1.5	1.8	3.0	
-20°F	1.0									1.1	1.5	1.9
-20°F	2.0										1.1	1.3
-20°F	1.5											
-40°F	0.5				1.1	1.2	1.4	1.7	2.0	3.0		
-40°F	1.0								1.1	1.4	1.9	3.0
-40°F	1.5										1.4	1.7
-40°F	2.0										1.1	1.4

TABLE 2

For plastic pipes with fiberglass insulation or equivalent (based on 40°F maintain)

Lowest Air Temp.	Insulation Thickness (In.)	Pipe Diameter (In.)										
		0.5	0.75	1	1.25	1.5	2	2.5	3	4	6	8
0°F	0.5						1.2	1.4	1.7	2	3	
0°F	1								1.7	1.2	1.6	2
0°F	1.5										1.2	1.5
-20°F	0.5				1.1	1.3	1.5	1.8	3			
-20°F	1						1.1	1.2	1.4	1.8	3	
-20°F	1.5								1.1	1.3	1.7	3
-20°F	2										1.4	1.7
-40°F	0.5	1.1	1.1	1.5	1.8	2	3	3				
-40°F	1				1.1	1.2	1.4	1.6	1.9	3		
-40°F	1.5						1.1	1.2	1.4	1.7	3	3
-40°F	2								1.1	1.3	1.8	30

EXAMPLE 1

Pipe = 2" diameter metal

Lowest air temperature = 0°F

Insulation thickness = 1"

Cable length and type = 1' of WinterGard H311 per foot of pipe

EXAMPLE 2

Pipe = 2.5" diameter plastic

Lowest air temperature = -20°F

Insulation thickness = 1"

Cable length and type = 1.2' of WinterGard Plus H611 or H612 or WinterGard Wet H621 or H622 per foot of pipe

HEATING CABLE

PIPE HEATING CABLE

PRE-ASSEMBLED

These energy-efficient preassembled heating cable offers an easy to-use solution to prevent frozen pipes and avoid the significant expense of repair associated with frozen or burst pipes.

- Easy to design and install; simply fix to the pipe, cover in pipe insulation, and plug into the GFI-protected electrical supply.
- Safe: no overheating possible: even when overlapped or closely spaced
- Energy-efficiency through self-regulating technology
- Ideal for metal and plastic pipes up to 2 1/2" in diameter
- Maintenance-free: no moving parts



PRE-ASSEMBLED 120V

- With plug and end termination



Part No.	Watt/Foot	Length (Ft.)	Price
FG16P	6	6.0	\$148.12
FG112P	6	12.0	\$187.58
FG118P	6	18.0	\$235.54
FG124P	6	24.0	\$281.42



PRE-ASSEMBLED 240V

- With end termination



Part No.	Watt/Foot	Length (Ft.)	Price
FG26L	6	6.0	\$154.74
FG212L	6	12.0	\$204.02

CRANKCASE HEATER



CRANKCASE HEATER



Part No.	Length (In.)	Voltage	Price
CRH120	50	120	\$97.60
CRH240	50	240	\$97.60

CRANKCASE HEATER



- Cable length: 48"
- Cold lead length: 28"
- Compressor girth: 40" or less
- Can overlap itself



Part No.	Voltage	Price
CCH2	208 - 277	\$123.30

TUBING



- TracPipe® Counterstrike® with no additional bonding is more resistant to lightning's effects than yellow CSST with additional bonding.
- Heavy one piece abrasion and lightning resistant jacket, pulls easier and lays straighter decreasing install time.

- Highest Pressure Ratings. Tested by IAS (AGA Labs) for ratings up to 125 PSI working pressure.
- Highest TracPipe® Counterstrike® CSST is sized exactly the same as conventional yellow TracPipe CSST and uses the same patented AutoFlare fitting
- Rolls without length suffix sold by the foot
- Rolls with length suffix sold by the roll

OmegaFlex TracPipe

Part No.	Nominal Size (In.)	Reel Qty (Ft)	Weight/Reel (Lbs.)	Price/Foot
38FGPCS	3/8	250	37	\$8.18
12FGPCS	1/2	250	52	\$9.16
34FGPCS	3/4	250	70	\$11.90
1FGPCS	1	180	70	\$17.00
114FGPCS150	1 1/4	150	78	\$3,190.32
114FGPCS	1 1/4	250	129	\$21.26
				Price/Roll
38FGPCS100	3/8	100	17	\$817.74
12FGPCS050	1/2	50	14	\$502.74
12FGPCS100	1/2	100	24	\$916.02
12FGPCS500	1/2	500	98	\$4,580.10
34FGPCS050	3/4	50	18	\$655.20
34FGPCS100	3/4	100	17	\$1,189.44
1FGPCS050	1	50	22	\$936.18

AUTOFLARE FITTING

COUPLING AF X AF



34FGPC

OmegaFlex TracPipe

Part No.	Autoflare (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
38FGPC	3/8	24	0.3	\$63.42
12FGPC	1/2	24	0.5	\$72.16
34FGPC	3/4	16	0.7	\$99.28
1FGPC	1	16	0.9	\$153.64

STRAIGHT FITTING
AUTOFLARE™ X MPT

38FGPF

OmegaFlex TracPipe

Part No.	Connection Size (In.)		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Autoflar	MPT			
38FGPF	3/8	1/2	24	0.4	\$33.90
12FGPF	1/2	1/2	24	0.4	\$39.22
34FGPF	3/4	3/4	16	0.5	\$53.44
1FGPF	1	1	16	0.7	\$82.64
114FGPF	1-1/4	1 1/4	6	1.5	\$183.34

SPARE SPLIT RING



38SPLITRING

OmegaFlex TracPipe

Part No.	Size (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
38SPLITRING	3/8	10	0.06	\$30.34
12SPLITRING	1/2	10	0.06	\$17.04
34SPLITRING	3/4	10	0.06	\$18.34
1SPLITRING	1	10	0.06	\$22.70
114SPLITRING	1-1/4	4	0.06	\$48.88



FGPTF500T500

TEE FITTING AF X AF X AF
(BRANCH)

- Autoflare™ fitting run and bran

OmegaFlex TracPipe

Part No.	Autoflare (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
FGPTF500T500	1/2	14	1.0	\$113.92
FGPTF750T750	3/4	12	1.6	\$150.88
FGPTF1000T1000	1	10	2.2	\$238.58



FGPT500750

TEE FITTING AF X AF X FPT
(BRANCH)

- Autoflare™ fitting run x female pip thread branch

OmegaFlex TracPipe

Part No.	Connection Size (In.)		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Autoflar	FPT			
FGPT500500	1/2	1/2	14	1.0	\$107.60
FGPT500750	1/2	3/4 MPT	12	1.0	\$139.46
FGPT10001000	1	1	10	2.2	\$248.52

AUTOSNAP FITTING



12FGPSF

STRAIGHT FITTING, MPT

The only CSST fittings that do not require any disassembly or reassembly of the fitting to the TracPipe®CounterStrike® CSST

- No small loose gaskets, O-rings, or retainer rings needed

- Features a metal to metal cup seal without any exposed stainless steel pipe behind the new fitting
- Twist, snap and tighten to the specified torque value
- CSA listed

OmegaFlex TracPipe

Part No.	MPT (In.)	Box Qty*	Wgt/Ea. (Lbs.)	Price
12FGPSF	1/2	24	0.4	\$33.86

* Box Quantity for ordering convenience only

AUTOFLARE TERMINATION MOUNT



FLANGE MOUNT FITTING

Termination outlet for movable appliances and quick disconnect devices. Autoflare™ flange x M .

OmegaFlex TracPipe

Part No.	Connection Size (In.)		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Autoflar	MPT			
FGPF375	3/8	1/2	12	1.0	\$50.06
FGPF750	3/4	3/4	8	1.3	\$61.98
FGPBFF1000	1	1	8	1.5	\$85.28



90° ELBOW FLANGE MOUNT FITTING

Termination outlet for movable appliances and quick disconnect devices. Autoflare™ flange x M .

OmegaFlex TracPipe

Part No.	Connection Size (In.)		Flange Type	Wgt/Ea. (Lbs.)	Price
	Autoflar	MPT			
FGPELLB500	1/2	1/2	Iron	1.1	\$101.78



PIPE TERMINATION MOUNT

OmegaFlex TracPipe

Part No.	Connection Size (In.)		Box Qty*	Wgt/Ea. (Lbs.)	Price
	Autoflar	MPT			
FGPTM500	1/2	1/2	12	1.0	\$50.22
FGPTM750	3/4	3/4	8	1.1	\$55.46

TRACPIPE MANIFOLD



FGPMI4

OmegaFlex TracPipe

Part No.	Description	Size (In.)	Wgt/Ea. (Lbs.)	Price
FGPMIPC	Malleable Iron, Plastic Coated, 4 Ports 1/2 " Female, Inlets 1/2 " and 3/4" Female	4 x 1/2	1.9	\$75.86
FGPMB2	Mounting Bracket, FGPMIPC manifolds	—	1.3	\$25.80

TRACPIPE PROTECTION DEVICE



FGSP025

STRIKER PLATES

OmegaFlex TracPipe

Part No.	Description	Wgt (Lbs.)	Price
FGSP025	Quarter Striker Plate, 3" x 7"	0.08	\$2.54
FGSP050	Half Striker Plate, 3" x 7"	0.4	\$4.96
FGSP100	Full Striker Plate, 3" x 12"	0.6	\$10.30
FGSP617	Large Striker Plate, 6-1/2" x 17"	1.8	\$45.42



22015

ASSEMBLY

Alumi-Flash is compatible with all types of roof systems and makes pitch pans obsolete. Due to the flexibility of the EPDM rubber caps, roof leaks are eliminated because penetrations are allowed to expand, contract, and vibrate independently of the waterproofing. The

caps are molded EPDM (Ethylene Propylene Diene Monomer) rubber which is compounded to resist degradation due to oxidation or exposure to ozone and ultraviolet rays, while having a serviceable temperature range of -60 to +270°F. The base must be roofed in, using good roofing practices.

- Includes 29015 base with the various cap choices
- With clamps

PORTALSPLUS

Part No.	Cap	Box Qty*	Price
22015	29215	5	\$190.46
22025	29225	5	\$190.46
22035	29235	5	\$190.46
22045	29245	5	\$190.46
22051	29255	1	\$343.02

* Box Quantity for ordering convenience only

ALUMI-FLASH BASE



29015

PORTALSPLUS

Part No.	Flange Diameter (In.)	Flange Width (In.)	Opening Diameter	Height (In.)	Box Qty*	Price
29015	14	3	8	4	5	\$92.26
29025 ¹	22	4	14	4	5	\$175.42
29035	18	5	8	4	5	\$116.56
29045	14	3	8	13	4	\$270.52

¹For 29255 only



29225

CAP WITH CLAMP

Use PP130 Series adapters for retro - fitting 2" cones on 29225 and 29235 to smaller diameter tubing

PORTALSPLUS

Part No.	Description	Color	Box Qty*	Price
29215	(1) 2 - 6" Pipe	Black	5	\$111.58
29225	(2) .375 - 1" Pipes and (2) 1 - 2" Pipes	Black	5	\$111.58
29235	(4) 1 - 2" Pipes	Black	5	\$111.58
29245	(4) .375 - 1" Pipes	Black	5	\$111.58
29255 ¹	(1) 8 - 12" Pipe	Black	5	\$228.50
29265	(1) 2 - 6" Pipe	White	5	\$128.62
29275	(2) .375 - 1" Pipes and (2) 1 - 2" Pipes	White	5	\$128.62

¹Use with 29025



120-15

RETROFIT

The retrofit flashing offers a quick and easy installation, eliminating roof leaks at pipes and other roof penetrations without disconnecting the penetration. The perfect seal is achieved with an integral tongue and groove closure, plus an overlapping flap, and is mechanically

fastened with stainless steel hardware (included). Retrofit flashings are available in neoprene for built-up asphalt, coal tar pitch, modified bitumen, and cold process systems.

PORTALSPLUS

Part No.	Diameter (In.)	Height (In.)	Application Diameter (In.)	Box Qty*	Price
120-15 ¹	11	5.5	0.5 to 3	5	\$158.50
120-25 ¹	14.5	5	0.5 to 6	5	\$214.34

¹With adapters

SHINGLE FLASHING



85009

Shingle Flashings are designed to effectively seal round pipe penetrations, from 1.25" through 4", penetrating shingle roofing systems at up to 40° slopes. The seal is an elastomeric collar integrally locked into a rigid base which remains flat on the roof. Bases are available in 24 gauge galvanized steel, .032 mill finish aluminum. Pipes can be all types, including copper, cast iron, plastic, aluminum, and galvanized. Shingle flashings are rated to 180° continuous heat. All are listed by UPC, SBC, and BOCA.

GALVANIZED BASE

PORTALSPLUS

Part No.	Pipe Size (In.)	Price
85009	1 1/4 - 1 1/2	\$14.20
85019	2	\$14.60
85029	3	\$16.24
85039	4	\$20.98

ALUMINUM BASE

Part No.	Pipe Size (In.)	Price
85209	1 1/4 - 1 1/2	\$17.90
85219	2	\$19.00
85229	3	\$21.12
85239	4	\$25.24



85319

THERMOPLASTIC BASE

PORTALSPLUS

Part No.	Pipe Size (In.)	Price
85319	2	\$12.40
85329	3	\$12.64
85339	4	\$14.20



43170

PIPE BOOT

Economical flashing designed for single pipe penetrations on single ply rubber roofs. The conically shaped steps of the pipe flashing will securely seal all pipes and the large double thick molded rib at the top of each step offers supreme tear resistance

and reinforcement, as well as a cutting guide.

PORTALSPLUS

Part No.	Size (In.)	Box Qty*	Price
43170	1 - 6 7/8	10	\$95.04

* Box Quantity for ordering convenience only

ROOF PENETRATION

CURB SYSTEM CAP



32015

PORTALSPLUS

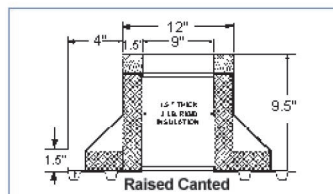
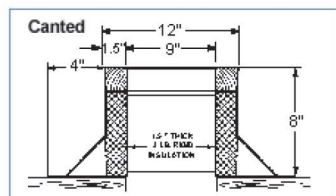
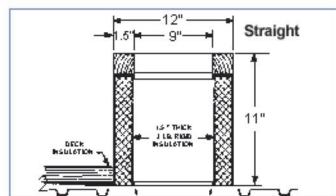
Part No.	Cap	Box Qty*	Price
32005	29215	5	\$229.94
32015	29225	5	\$229.94
32025	29235	5	\$229.94
32035	29245	5	\$229.94
32041	29255	1	\$366.78

NEW CONSTRUCTION CURB SYSTEM



32101

Roof curbs have an integral base plate, continuously welded corner seams, factory-installed wood nailer, and 1.5" 3 lb. rigid fiberglass insulation. Designed for use with 320 curb cover components.



PORTALSPLUS

Part No.	Curb Type	Curb Dimensions (In.)				Price
		L	W	H	Flange Width (In.)	
32101	Straight	12.0	12.0	11.0	1.5	\$267.18
32111	Canted	12.0	12.0	8.0	4.0	\$267.18
32121	Raised Canted	12.0	12.0	9.5	4.0	\$267.18
32131	Straight	20.0	20.0	11.0	1.5	\$501.12
32141	Canted	20.0	20.0	8.0	4.0	\$501.12
32151	Raised Canted	20.0	20.0	9.5	4.0	\$501.12
32161	Straight	28.5	13.0	11.0	1.5	\$553.24
32171	Canted	28.5	13.0	8.0	4.0	\$553.24
32181	Raised Canted	28.5	13.0	9.5	4.0	\$553.24

* Box Quantity for ordering convenience only

EQUIPMENT RAIL



35241

Equipment rails are prefabricated sheet steel structural members designed for all types of roof systems. Manufactured in 3', 4', and 6' lengths to match the equipment and to span the proper number of roof joists. Equipment rails have a high bearing capacity attained by a system of internal gussets welded

into position at specific intervals along the length of the rails. A continuous wood nailer covered by a removable counterflashing provides for an effective method of attaching roofing felt and assuring a watertight installation.

PORTALSPLUS

Part No.	Type	Dimensions			Price
		H (In.)	W (In.)	L (Ft.)	
35231	ER2A	12	3.5	3.0	\$352.56
35241	ER2A	12	3.5	4.0	\$454.58
35261	ER2A	12	3.5	6.0	\$696.26
35331	ER3A	8	3.5	3.0	\$314.86
35341	ER3A	8	3.5	4.0	\$410.20
35361	ER3A	8	3.5	6.0	\$618.62
ER35431	ER4A	9.5	3.5	3.0	\$337.02
ER35441	ER4A	9.5	3.5	4.0	\$430.20
ER35461	ER4A	9.5	3.5	6.0	\$643.02

Property	Style		
	Straight Side	Canted	Raised Cant
	ER-2A	ER-3A	ER-4A
Width & Height	3.5 in. x 12 in.	3.5 in. x 8 in.	3.5 in. x 9.5 in.
Maximum Allowable Concentrated Load	3000 lbs.	1450 lbs.	1300 lbs.
Maximum Allowable End Reaction	3300 lbs.	1700 lbs.	2200 lbs.
Maximum Allowable Intermediate Reaction	3000 lbs.	1450 lbs.	1300 lbs.
Maximum Allowable Uniform Load	860 lb./ft.	450 lb./ft.	550 lb./ft.

DECK MATE

The Portals Plus Deck-Mate is designed to accommodate projections from .125" to 26" in diameter, and work in conjunction with any configuration of corrugated metal roof. The Deck-Mate is engineered so the aluminum flanged base bends to any contours, roof irregularities, or pitches. The Deck-Mate seals watertight to the roof panel with an approved sealant and standard roofing fasteners

- With clamps

TECH DATA

	EPDM	Silicone
Advanced Ozone Resistance (tested to)	70 hrs. @ 500 pphm	70 hrs. @ 500 pphm
High Temperature Resistance (tested to intermittent)	+275°F	+500°F
High Temperature Resistance (tested to continuous)	+212°F	+437°F
Low Temperature Resistance (tested to)	-65°F	-100°F
Tensile Strength (minimum)	1450 psi	700 psi
Compression Set (maximum)	25%	50%



81036

EPDM (LOW TEMP.)

PORTALSPLUS

Part No.	Size (In.)	Box Qty*	Price
81006	1/8 - 3/4	15	\$38.38
81016	1/4 - 2	15	\$45.70
81026	1 3/4 - 3 1/4	15	\$55.54
81036	1/4 - 4	15	\$65.80
81040	3 - 6	10	\$75.26
81050	4 - 7	10	\$82.82
81060	5 - 9	10	\$147.14
81070	6 - 11	10	\$177.48
81085	7 - 13	5	\$203.26
81101	13 - 26	1	\$980.66



82016

SILICONE (HIGH TEMP.)

PORTALSPLUS

Part No.	Size (In.)	Box Qty*	Price
82016	1/4 - 2	15	\$63.64
82026	1 3/4 - 3 1/4	15	\$72.08
82036	1/4 - 4	15	\$97.12
82040	3 - 6	10	\$187.84
82050	4 - 7	10	\$214.34
82060	5 - 9	10	\$250.30
82070	6 - 11	10	\$361.36
82085	7 - 13	5	\$551.66
82101	13 - 26	1	\$1,585.60

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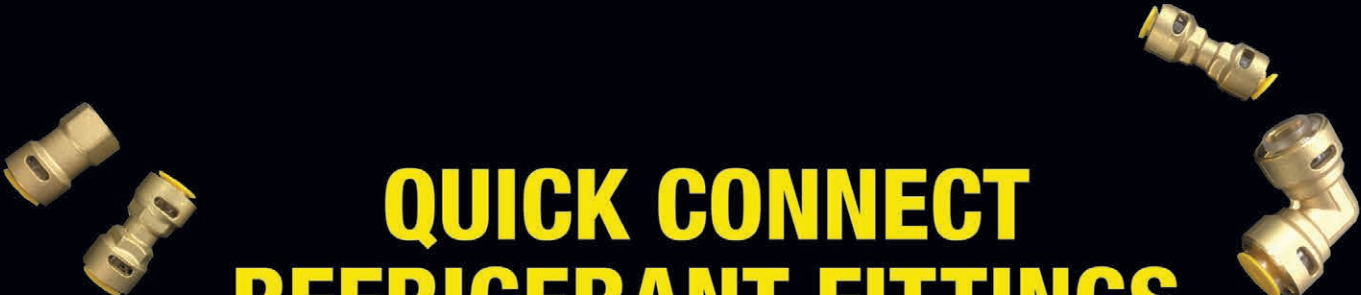
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