



SECTION 6

PLUMBING & HEATING ACCESSORIES & SPECIALTIES



PRODUCT LINE	PAGE
Air Purgers, Vents & Water Hammer Arrestors	6
Clear Braided PVC Hose	13-14
Clips & Van Hangers	28
Closet Flanges/Gaskets	18
Compression Couplings, Imported PVC/CPVC	1
Compression Fittings, Galvanized	2
Couplings - Flexible and No-Hub	4
Drains	19
Heatflex PE-RT Radiant Pipe	15-16
Iron Out	12
Perforated Hanger Strapping	27
Pipe Hangers	33-36
Pipe Repair Clamps	3
Pipe Straps & Clamps	29-30
Plumbing Specialty Accessories	23-24
Roof Flashings	26
Saddle Tapping Valve & Kit	11
Solder Preparation	25
Strap & Tube Hangers	37-38
Stud Protectors	39
Tanks - Thermal Expansion	5
Test Plugs, Caps	20
Trap Wrap™	21-22
Tube & Pipe Hooks	31-32
Tubing	7-8
Tubing Fittings	9-10
Washer & Ice Maker Boxes	17





Compression Couplings-Imported, PVC/CPVC



MATERIAL SPECIFICATIONS

#	Part	Material
1	Body	UPVC, CPVC
2	Compression Nut	UPVC, CPVC
3	Gasket - PVC	NR
	Gasket - CPVC	EPDM

PVC Compressing Coupling Features:

- Iron Pipe Size (PVC), Copper Tube Size (CPVC)
- For use with cold water (PVC) or hot water (CPVC-CTS)
- Natural rubber gasket seals
- Rated at 200 psi at 70 °F
- Imported

"PC" Series IPS DIMENSIONS (IN.)				
SIZE	D	d	d1	L
1/2"	1.85	.91	.83	5.24
3/4"	2.09	1.18	1.04	5.32
1"	2.40	1.42	1.31	5.75
1 1/4"	2.87	1.81	1.65	6.30
1 1/2"	3.15	2.05	1.89	6.89
2"	3.62	2.56	2.37	7.87
2 1/2"	4.53	2.52	2.87	9.92
3"	5.28	3.62	3.49	10.87
4"	6.34	4.65	4.49	11.93
6"	8.78	6.85	6.62	11.22

"HW" Series CTS DIMENSIONS (IN.)				
SIZE	D	d	d1	L
1/2"	1.30	.71	.63	4.49
3/4"	1.85	.95	.88	5.00

Part Number	Material	Size	Case Qty	List Price
PC10-1/2	PVC	1/2" IPS	100	\$ 2.56
PC10-3/4	PVC	3/4" IPS	90	2.97
PC10-1	PVC	1" IPS	60	3.84
PC10-11/4	PVC	1 1/4" IPS	40	4.62
PC10-11/2	PVC	1 1/2" IPS	30	6.37
PC10-2	PVC	2" IPS	20	8.87
PC10-21/2	PVC	2 1/2" IPS	10	20.26
PC10-3	PVC	3" IPS	4	28.67
PC10-4	PVC	4" IPS	2	37.83
PC10-6	PVC	6" IPS	2	91.00
HW10CTS1/2	CPVC	1/2" CTS	20/360	4.48
HW10CTS3/4	CPVC	3/4" CTS	20/240	5.42



SW Series

Part Number	For Use with Coupling Sizes	Ctn Qty	List Price
Adjustable Strap Wrench			
SW400	1/2" through 4"	10/60	\$ 19.47
SW600	1/2" through 6"	10/60	22.05



Compression Fittings, Galvanized



Galvanized Long Pattern Compressing Fitting Features:

- Bodies made of steel tubing. (GC 10), malleable iron (GC10C)
- End nuts made of malleable iron.
- Galvanized finish
- Buna-N gaskets on domestic fittings.
- SBR gaskets on GC10C series.
- Maximum rated service temperature for gaskets: 212 °F (100° C).

WARNING: Designer and/or contractor must provide suitable anchoring of piping to prevent pull-out from fittings when applications subject piping to external forces such as ground shift and temperature variations that cause linear pipe contraction.

Recommended Maximum Pressure (PSI)		
Size	Torque Ft. Lbs	Anchored Piping
1/2"	150	150
3/4"	150	150
1"	225	100
1-1/4"	225	100
1-1/2"	225	100
2"	300	75



GC10C Series

ISO 9002



Coupling GC10C - Long Pattern - Imported - Malleable Iron, 125 PSI, 120° F

Part Number	Size	Pipe O.D.	Ctn/Case Qty	List Price
GC10C1/2	1/2"	.840	30 / 60	\$ 11.22
GC10C3/4	3/4"	1.050	25 / 50	12.58
GC10C1	1"	1.315	15 / 30	14.76
GC10C11/4	1-1/4"	1.660	12 / 24	18.74
GC10C11/2	1-1/2"	1.900	9 / 18	22.21
GC10C2	2"	2.375	14	33.22



GC10 Series

Coupling GC10 - Made in U.S.A. - Steel Tube

Part Number	Size	Pipe O.D.	Ctn Qty	List Price
GC10-1/2	1/2"	.840	12	\$ 25.66
GC10-3/4	3/4"	1.050	12	27.98
GC10-1	1"	1.315	12	33.04
GC10-11/4	1-1/4"	1.660	6	44.12
GC10-11/2	1-1/2"	1.900	6	48.73
GC10-2	2"	2.375	6	61.24



GC12 Series

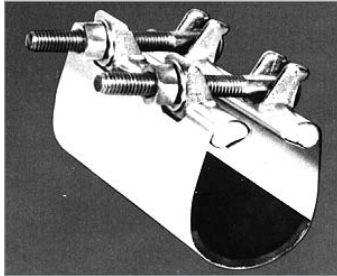
Adapters GC12 - Made in U.S.A. - Steel Tube

Part Number	Size	Pipe O.D.	Ctn Qty	List Price
GC12-1/2	1/2"	.840	12	\$ 37.50
GC12-3/4	3/4"	1.050	12	36.18
GC12-1	1"	1.315	12	38.31
GC12-11/4	1-1/4"	1.660	6	45.54
GC12-11/2	1-1/2"	1.900	6	63.32
GC12-2	2"	2.375	6	63.44






Pipe Repair Clamps

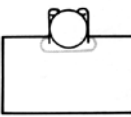


Repair Clamp Features:

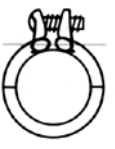
- Pipe repair clamps eliminate the need for costly pipe replacement for simple leaks.
- Non-corrosive clamp band is made of annealed stainless steel.
- Nuts and bolts are cadmium plated with a chromate finish; heavy duty hex nut with washer.
- Lugs are made of annealed, malleable iron for maximum strength and permanence; iron phosphate finish.
- Neoprene gasket with maximum rated service temperature of 212° F (100°C).
- Imported




Straight through bolt pull on lugs gives more uniform pressure on the band, more pressure on pipe with less torque on nut.



Oval lug opening in band won't tear - no corners to rip out as with square hole.



Lugs above pipe level don't pull into pipe. Gives more tension on band - more sealing power yet won't crush pipe.



Band covers lead edge of lug. Equal pressure across entire band. No friction - no cutting into pipe surface by raw edge of band opening.

Part Number	Nominal Pipe Size	IPS Pipe O.D.	CTS Tube O.D.	Ctn Qty	List Price
3" Wide, 1 Bolt					
HRC3-3/8	3/8"	.675	.625	6/72	\$ 5.94
HRC3-1/2	1/2"	.840	.875	6/72	6.98
HRC3-3/4	3/4"	1.050	1.125	6/72	7.47
HRC3-1	1"	1.315	1.375	6/72	7.97
HRC3-1 1/4	1 1/4"	1.660	1.625	6/72	9.47
HRC3-1 1/2	1 1/2"	1.900		6/72	9.73
HRC3-2	2"	2.375		6/72	10.67
HRC3-2 1/2	2 1/2"	2.875		6/48	11.37
HRC3-3	3"	3.50		6/48	12.05
HRC3-4	4"	4.50		6/24	12.35
6" Wide, 2 Bolts					
HRC6-1/2	1/2"	.840	.875	6/56	13.60
HRC6-3/4	3/4"	1.050	1.125	6/56	13.99
HRC6-1	1"	1.315	1.375	6/56	14.50
HRC6-1 1/4	1 1/4"	1.660	1.625	6/56	15.06
HRC6-1 1/2	1 1/2"	1.900		6/56	17.62
HRC6-2	2"	2.375		6/56	19.77
HRC6-2 1/2	2 1/2"	2.875		6/24	21.28
HRC6-3	3"	3.50		6/24	22.44
HRC6-4	4"	4.50		6/24	22.92

Couplings, Caps - Flexible & No-Hub



Coupling, Cap Features:

- Flexible couplings for joining all types of sewer pipe, including transitions from one type to another.
- NO-HUB couplings for joining cast iron pipe sections
- End Caps for capping cast iron, steel, PVC and ABS pipe.
- 300 Series stainless steel clamps
- Meets IAPMO File #0317, BOCA ESI RR#90-68, SBCCI PST&ESI Report #9483B
- CSA Approved



C Series



MR Series



MRTC Series

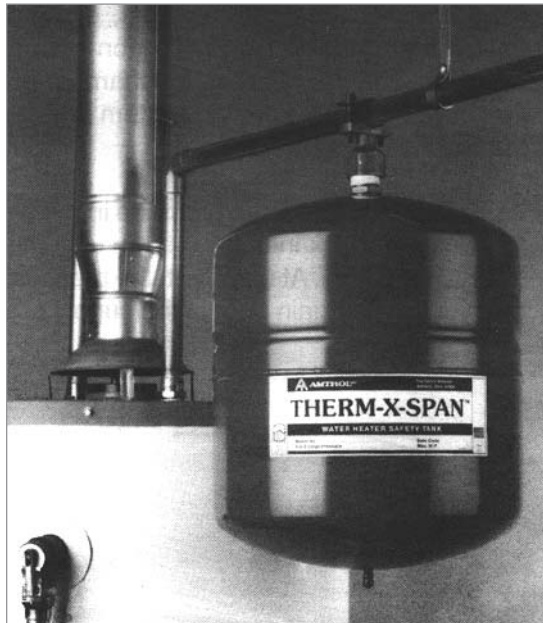


07 Series

Part Number	Size	Connection	Ctn Qty	List Price
NO HUB COUPLINGS				
C150C	1 1/2 X 1 1/2	CI X CI	100	\$ 9.37
C200C	2 X 2	CI X CI	100	9.37
C300C	3 X 3	CI X CI	100	10.92
C400C	4 X 4	CI X CI	100	13.22
FLEXIBLE COUPLINGS				
MR0244	4 X 4	CLAY X CI/PL	18	14.44
MR5615/125	1 1/4 x 1 1/2	CI/PL x TUBE	24	7.60
MR56125	1 1/2" Tubing, Copper or 1 1/4" PL to Same		24	6.89
MR5615	1 1/2 x 1 1/2	CI/PL X CI/PL	24	7.31
MR5622/125	2 x 1 1/4	CI/PL x CI/PL	24	7.66
MR56215	2 X 1 1/2	CI/PL X CI/PL	24	8.33
MR5622	2 X 2	CI/PL X CI/PL	24	7.88
MR56315	3 x 1 1/2	CI/PL x CI/PL	24	13.93
MR5632	3 X 2	CI/PL X CI/PL	24	9.84
MR5633	3 X 3	CI/PL X CI/PL	18	10.64
MR5642	4 x 2	CI/PL x CI/PL	18	17.19
MR5643	4 X 3	CI/PL X CI/PL	18	14.35
MR5644	4 X 4	CI/PL X CI/PL	24	13.33
MR5655	5 X 5	CI/PL X CI/PL	14	20.88
MR5664	6 x 4	CI/PL x CI/PL	10	31.02
MR5666	6 X 6	CI/PL X CI/PL	12	28.51
DRAIN PIPING TO TUBULAR TRAP *				
MRTC150	1 1/4" x 1 1/2"		24	4.19
MRDTC150	1 1/4" or 1 1/2" x 1 1/4" or 1 1/2"		24	5.13
MRDTC215	2" x 1 1/4" or 1 1/2"		24	6.77
* Any combination of 1 1/4" or 1 1/2" tubular drain (plastic, tubular or copper)				
END CAPS				
0701-011	1 1/2"		24	4.08
0702-019	2"		24	4.80
0703-017	3"		24	6.07
0704-015	4"		24	7.76
0705-020	5"		20	15.51
0706-028	6"		12	15.97



Tanks - Thermal Expansion



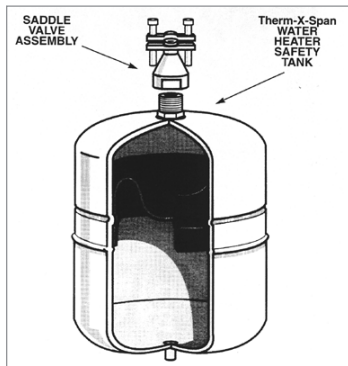
THERM-X-SPAN™

Hot Water Heater Safety Expansion Tank

THERM-X-SPAN™ tanks are diaphragm-type, pre-pressurized expansion tanks specifically designed for use with domestic hot water heaters. They act as a safety tank to accept the increased volume of water created when a water storage tank is heated, therefore keeping the system below the relief valve setting. These tanks are recommended in areas where a backflow preventer, check valve or pressure reducing valve is used, creating a closed system.

Features and Benefits:

- Eliminates relief valve spillage
- Controls pressure build-up
- Protects plumbing fixtures
- Smothers water hammer
- Extends water heater life
- Eliminates hot water waste



Specifications:

- Steel shell
- Polypropylene liner, butyl diaphragm
- Brass system connection on G5 and G12
- Stainless steel connection on ST25V, ST30V and ST42V
- 200° F maximum operating temperature
- 150 PSI maximum working pressure
- 40 PSI factory precharge



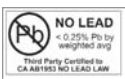
ANSI/NSF 61



IAPMO



REPORT #93126



City of Los Angeles Approved

Part Number	Configuration	Tank Volume	System Connection	Dimensions			List Price
				Diameter	Height	Weight	
G5	IN-LINE	2 gal	3/4" NPTM	8"	12 5/8"	5 lbs.	\$ 131.62
G12	IN-LINE	4.4 gal	3/4" NPTM	11"	15"	9 lbs.	176.60
ST25V	STAND	10.3 gal	1" NPTF	15 3/8"	19 1/4"	23 lbs.	494.77
ST30V	STAND	14.0 gal	1" NPTF	15 3/8"	23 7/8"	25 lbs.	606.18



In the United States: Phone (800) 776-2266 Fax (800) 729-3299
 In Canada: Phone (866) 503-5523 Fax (888) 562-2095

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443

Air Purger Features:

- Reliable and continuous air separation with maintenance free operation.
- Designed using a double water passage way with internal contours and baffles.
- Efficiently separates air from water sending it to the vent for removal.
- In-line unit -- one piece cast iron construction.
- Individually packaged.



700-C

Float Type Air Vent Features:

- Designed to be installed at the hydronic system high points on heaters and baseboard convectors directly on top of the air purger.
- Improves system efficiency.
- Compact size to fit the smallest spaces.
- Rugged cast bronze body construction for durability.
- Industry proven servicable design with take-apart feature.
- Individually packaged.



500



Mini Trol® Water Hammer Arrestor Features:

- Intercepts surges in water lines, preventing damage and annoying shock waves set in motion by quick closing valves.
- Polypropylene liner and diaphragm totally separates water from body.
- Guaranteed not to waterlog or lose air.

Air Purger								
Part Number	Pipe Size	Dimensions(Ins.) "L" "W" "H"			Tank Conn	Vent Conn	Ctn Qty	List Price
443-1	1"	6	2-1/2	4	1/2 FIPT	1/8 FPS	1	\$ 46.94
444-11/4	1-1/4"	6	2-1/2	4	1/2 fipt	1/8 fps	1	48.37
445-11/2	1-1/2"	8	3-1/2	5	1/2 fipt	1/8 fps	1	103.38
446-2	2"	8	3-1/2	5	1/2 fipt	1/2 fps	1	117.87

Air Vent					
Part Number	Maximum PSI	Maximum Temp	Connection	Ctn Qty	List Price
700-C	150 PSI	230 °F (110 °F)	1/8 MPS (NPTM)	1	\$ 21.39

Mini Trol®				
Part Number	Description	Connection	Ctn Qty	List Price
500	Mini Trol	1/2 Male	24	\$ 82.21



Tubing - Polyethylene

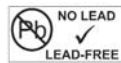


Physical Properties of Polyethylene Tubing

Secant Modulus	.....3200 PSI
Tensile Strength	.....1600 PSI
Ultimate Elongation	.....500%
Water Absorption	.....0.01%
Density	......912g/cm ³
Vicat Softening Point	.....201°F
Melt Index	.....1.0g/10 min
Thermal Coefficient of Expansion	.....11x10 ⁻⁵ in/in/°F
Thermal Conductivity	.....8x10 ⁻⁴ cal/sq cm/sec/°C/cm
Brittleness Temperature	.....-76°F
Tear Resistance	......475lb/in. of thickness

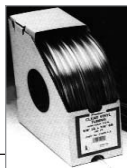
Polyethylene Tubing Features:

- Economical.
- Extremely Flexible.
- Translucent.
- Resists Corrosion.
- **NOT FOR USE WITH HOT WATER**

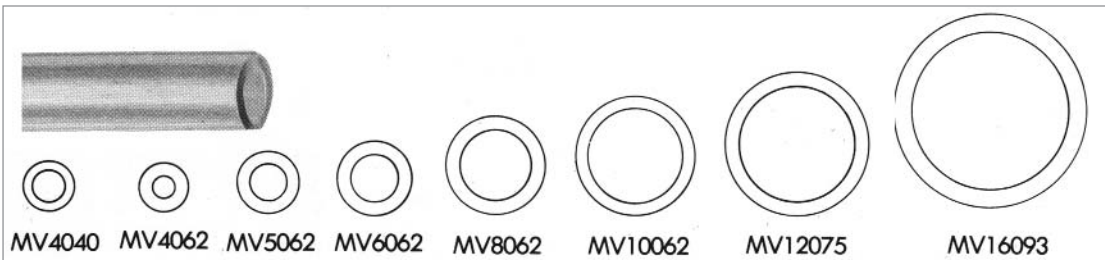


• **SOLD IN COIL LENGTHS ONLY.**
 • **ORDER BY THE NUMBER COIL LENGTHS REQUIRED.**
 Ex: For 500' of MV4040-5 order Qty 1 MV4040-5

Part Number Bulk Boxed	Part Number Dispenser Box	OD	ID	Wall	Coil Length	List Price Per Coil
MV4040-1BLACK		1/4"	.17"	0.04"	100'	\$ 25.62
MV4040-1		1/4"	.17"	0.04"	100'	25.62
MV4040-5		1/4"	.17"	0.04"	500'	128.14
MV4040M		1/4"	.17"	0.04"	1000'	256.29
MV4062-1		1/4"	1/8"(.125)	1/16"(.062)	100'	29.11
MV4062-5		1/4"	1/8"(.125)	1/16"(.062)	500'	145.58
MV4062M		1/4"	1/8"(.125)	1/16"(.062)	1000'	291.16
MV5062-1		5/16"	3/16"(.1875)	1/16"(.040)	100'	40.56
MV5062-5		5/16"	3/16"(.1875)	1/16"(.062)	500'	202.78
MV5062M		5/16"	3/16"(.1875)	1/16"(.062)	1000'	405.59
MV6062-1		3/8"	1/4"(.250)	1/16"(.062)	100'	48.53
MV6062-5		3/8"	1/4"(.250)	1/16"(.062)	500'	249.12
MV6062M		3/8"	1/4"(.250)	1/16"(.062)	1000'	495.12
MV8062-1		1/2"	3/8"(.375)	1/16"(.062)	100'	69.55
MV8062-5		1/2"	3/8"(.375)	1/16"(.062)	500'	347.78
MV10062-1		5/8"	1/2"(.500)	1/16"(.062)	100'	87.80
MV10062-5		5/8"	1/2"(.500)	1/16"(.062)	500'	439.10
MV12075-1		3/4"	.6	.075	100'	121.11
MV12075-5		3/4"	.6	.075	500'	700.58
MV16093-1		1"	.814	.093	100'	200.99
	TP308	1/4"	.17"	0.04"	100'	\$ 38.20
	TP309	5/16"	3/16"(.1875)	1/16"(.040)	100'	35.02
	TP310	3/8"	1/4"(.250)	1/16"(.062)	100'	60.92
	TP311	1/2"	3/8"(.375)	1/16"(.062)	100'	85.15



POLYETHYLENE TUBING SIZING GUIDE



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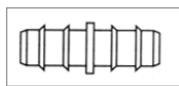
Fittings for Plastic Tubing - Brass

Barb Fitting Features:

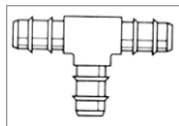
- Superior brass fittings for soft plastic tubing for oil, water, air, vacuum, gas and liquid low pressure lines.
- Exclusive self-clinching double barbs actually tighten under strain.

Compression Fitting Features:

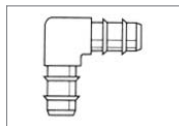
- Brass compression fittings designed for plastic tubing.
- Built-in tube support prevents tube collapse and allows easy assembly.



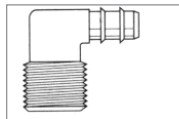
VT22



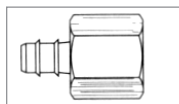
VT224



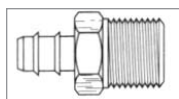
VT225



VT229



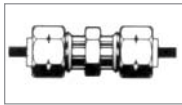
VT26



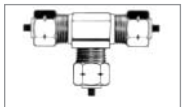
VT28

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Qty	List Price
Coupling (Ins x Ins)					
VT22-4-4	1/4"x1/4"	.17"		Bulk	\$ 2.81
VT22-6-6	3/8"x3/8"	1/4"		Bulk	4.78
VT22-8-8	1/2"x1/2"	3/8"		Bulk	7.26
Tee (Ins x Ins x Ins)					
VT224-4	1/4" x 1/4" x 1/4"	.17"		Bulk	17.58
VT224-6	3/8" x 3/8" x 3/8"	1/4"		Bulk	4.36
VT224-8	1/2" x 1/2" x 1/2"	3/8"		Bulk	6.81
Elbow (Ins x Ins)					
VT225-6-6	3/8"x3/8"	1/4"		Bulk	7.12
Elbow (Ins x MIP)					
VT229-4-2	1/4"	.17"	1/8" mip	Bulk	5.09
VT229-4-4	1/4"	.17"	1/4" mip	Bulk	6.68
VT229-6-4	3/8"	1/4"	1/4" mip	Bulk	10.98
VT229-8-6	1/2"	3/8"	3/8" mip	Bulk	19.32
Female Adapter (Ins x FIP)					
VT26-4-2	1/4"	.17"	1/8" fip	Bulk	6.75
VT26-6-4	3/8"	1/4"	1/4" fip	Bulk	11.63
Male Adapter (Ins x MIP)					
VT28-4-2	1/4"	.17"	1/8" mip	Bulk	3.12
VT28-4-4	1/4"	.17"	1/4" mip	Bulk	5.34
VT28-6-4	3/8"	1/4"	1/4" mip	Bulk	6.02
VT28-8-6	1/2"	3/8"	3/8" mip	Bulk	11.80

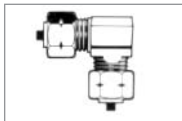
Fittings for Plastic Tubing - Brass



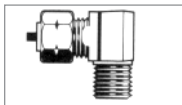
VT62



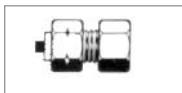
VT64



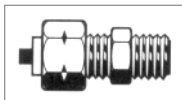
VT65



VT69



VT66



VT68



VT60



VT61



VT63

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Qty	List Price
Union w/ inserts (Comp x Comp)					
VT62-4	1/4" x 1/4"	.17"		Bulk	\$ 5.26
VT62-6	3/8" x 3/8"	1/4"		Bulk	6.53
Tee w/ inserts (Comp x Comp x Comp)					
VT64-4	1/4" x 1/4" x 1/4"	.17"		Bulk	7.96
VT64-6	3/8" x 3/8" x 3/8"	1/4"		Bulk	8.37
Elbow w/ inserts (Comp x Comp)					
VT65-4	1/4" x 1/4"	.17"		Bulk	11.28
VT65-6	3/8" x 3/8"	1/4"		Bulk	12.55
VT65-8	1/2" x 1/2"	3/8"		Bulk	19.49
Male Elbow w/ inserts (Com x MIP)					
VT69-4-4	1/4"	.17"	1/4" mip	Bulk	9.80
VT69-6-4	3/8"	1/4"	1/4" mip	Bulk	11.12
Female Connector w/ inserts (Com x FIP)					
VT66-4-4	1/4"	.17"	1/4" fip	Bulk	5.77
VT66-6-4	3/8"	1/4"	1/4" fip	Bulk	7.60
VT66-8-8	1/2"	3/8"	1/2" fip	Bulk	7.19
Male Connector w/ inserts (Comp x MIP)					
VT68-4-4	1/4"	.17"	1/4" mip	Bulk	4.29
VT68-6-4	3/8"	1/4"	1/4" mip	Bulk	4.85
Delrin Sleeve					
VT60-4	1/4"			Bulk	0.46
VT60-6	3/8"			Bulk	0.36
VT60-8	1/2"			Bulk	0.71
Nut					
VT61-4	1/4"			Bulk	1.02
VT61-5	5/16"			Bulk	1.22
VT61-6	3/8"			Bulk	1.28
Tube Support					
VT63-4	1/4"	.17"		Bulk	0.72
VT63-6	3/8"	1/4"		Bulk	0.78
VT63-8	1/2"	3/8"		Bulk	1.70



Plumbing Installation Kits & Accessories

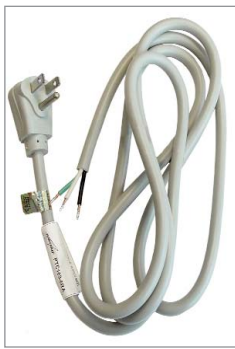


HARVARD Garbage Disposal Wiring Kit Features:

- Complete with 3 wire nuts and one SE/U oval cable connector.
- 6' long, 16 gauge, 3 conductor wire cord.
- Polybagged with header card.



Part Number	Description	Ctn Qty	List Price
HGDWK6ST	Kit w/ 6' cord straight plug	24	\$ 15.36
HGDWK6RA	Kit w/ 6' cord right angle plug	24	17.77

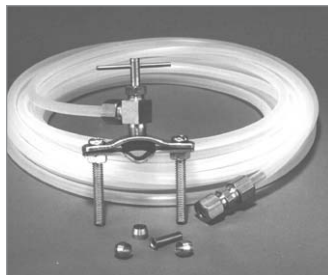


HARVARD Garbage Disposal Cord Features:

- Three prong straight or 90 degree (right angle) molded plugs.
- 16 gauge, 3 conductor.
- 13 amp, 125 Volt rating.
- Six foot length. Free end is split, stripped 3/8".
- UL and CSA listed in US and Canada.

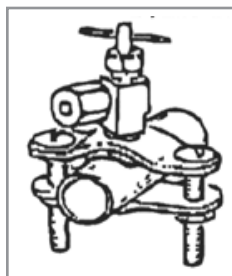


Part Number	Description	Ctn Qty	List Price
PTC163-6ST	Straight plug cord	50	\$ 6.61↓
PTC163-6RA	Right angle plug cord	50	12.07



Brass Saddle Tap Valve and Kit Features:

- Self piercing tap valve and clamp for 3/8" to 1" OD copper tube or 3/8" to 3/4" iron pipe.
- Plastic sleeve, brass compression nut and brass insert (for reinforcing polyethylene tubing).
- Brass compression union for connecting polyethylene tubing to 1/4" water inlet at refrigerator, humidifier or cooler.
- 25 feet of 1/4" OD polyethylene tubing.
- The saddle tap valve eliminates plumbing connections and fittings.
- Supplies water to most humidifiers, evaporative coolers and refrigerators with automatic ice maker or water dispenser in door.
- Use for installation of Reverse Osmosis & Chemical Contaminant Filter Systems.
- For use on copper tube or iron pipe.



Part Number	Description	Ctn Qty	List Price
HTVK381	Tapping Valve Kit fits 3/8" - 1" OD copper tube or 3/8" - 3/4" iron pipe	6	\$ 19.31
PFSTV	Saddle Tapping Valve Only fits 3/8" - 1" OD Copper tube or 3/8"-3/4" iron pipe	10/200	6.29



Super Iron Out

Removes the toughest rust and iron stains quickly and easily from white clothes, laundry, toilets, sinks, tubs, dishwashers, exterior surfaces and much more. Also keeps water softeners clean and operating at peak efficiency.

Part Number	Description	Ctn Qty	List Price
IOUT30	Iron Out, 28 oz.	6	\$ 15.55
IOUT5	Iron Out, 76 oz.	6	39.77

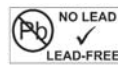


Clear Braided PVC Hose



Clear Braided PVC Hose Standard Wall, Class 125 Features:

- Flexible, see through clear hose with braid pattern reinforcement of two polyester spirals.
- Flexible clear PVC NSF 51 certified to 100°F (38°C), USP CLASS V1 rated.
- All hose compound ingredients used are listed in US FDA CFR, Title 21.
- Temperature range + 25° to 150° F / -5° to +65°C.
- Silicone free.
- Food and beverage grade, standard wall.
- Use for air, water lines.



Part Number	Nominal (inches)		Max Working Pressure		Reel Length	Approx Wt per CFT.	List Price Per Reel
	ID	OD	PSI@68°F	PSI@122°F			
CBH316-1	3/16	0.375	250	105	100'	4.5 lbs	\$ 124.08
CBH25-1	1/4	0.438	250	105	100'	5.7 lbs	108.46
CBH516-1	5/16	0.525	250	105	100'	7.5 lbs	159.59
CBH38-1	3/8	0.594	225	97	100'	9.0 lbs	151.18
CBH50-1	1/2	0.750	200	86	100'	13.8 lbs	205.71
CBH50-3	1/2	0.750	200	86	300'	13.8 lbs	617.12
CBH58-1	5/8	0.875	200	86	100'	16.5 lbs	244.96
CBH75-1	3/4	1.030	150	65	100'	21.9 lbs	311.33
CBH75-3	3/4	1.030	150	65	300'	21.9 lbs	934.02
CBH100-1	1	1.300	125	54	100'	31.5 lbs	401.13
CBH100-2	1	1.300	125	54	200'	31.5 lbs	749.78
CBH125-50	1 1/4	1.625	100	43	50'	45.0 lbs	380.62
CBH125-1	1 1/4	1.625	100	43	100'	45.0 lbs	761.26
CBH150-50	1 1/2	1.937	100	43	50'	64.0 lbs	458.94
CBH150-1	1 1/2	1.937	100	43	100'	64.0 lbs	917.86
CBH200-50	2	2.490	75	33	50'	95.0 lbs	784.33
CBH200-1	2	2.490	75	33	100'	95.0 lbs	1568.68

** Temperatures higher than 68° F reduce available working pressure. See next page for temperature, working pressure calculation chart and cautionary note.

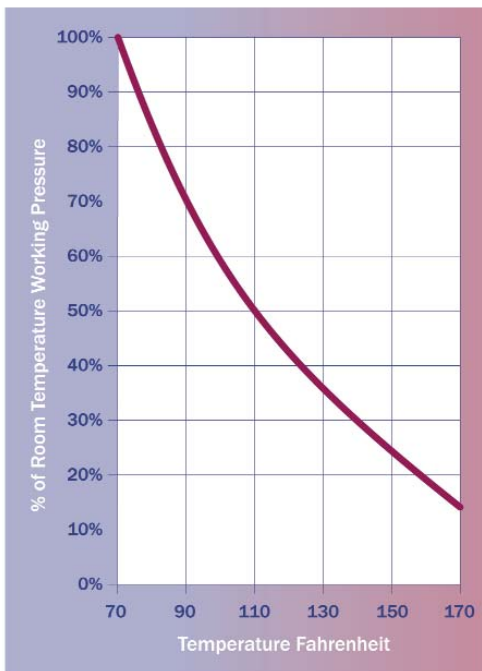
Clear Braided PVC Hose



Effects of Elevated Temperatures on Thermoplastic Hose.

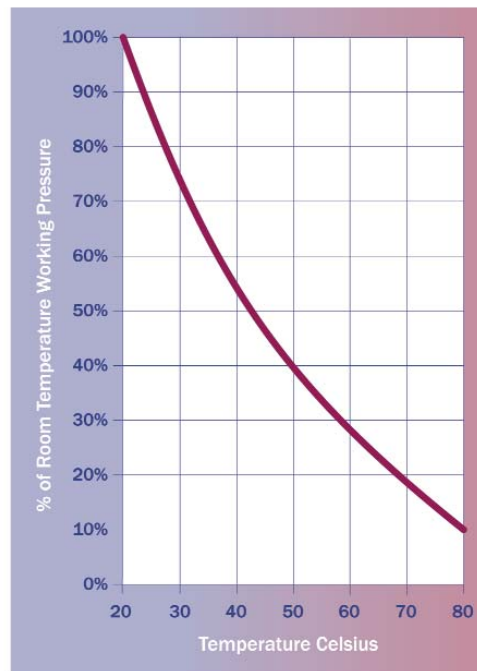
The compounds used in clear braided PVC hose are generally referred to as thermoplastics. These materials achieve their optimum physical properties at room temperature, 68°F (20°C). As these materials are exposed to increased ambient temperatures, they will soften and their physical properties will change. This will have the effect of sharply reducing the available working pressure. Coupling retention will also be reduced. The charts below illustrate this effect. In all cases, the product should be tested in a controlled, secure and safe environment, and all operating conditions should be considered prior to use.

All published working pressures of AGI Series CBH hose are based on a room temperature of 68°F (20°C).



Example from the Fahrenheit Chart

If working pressure at 68°F is 200 psi, then the WP at 110°F is 200 x 50%, or 100 psi



Example from the Celsius Chart

If working pressure at 20° is 14 bar, then the WP at 50°C is 14 x 50%, or 5.6 bar

CAUTIONARY NOTE

The charts are to be used as a guideline only. The information and recommendations contained here are, to the best of our manufacturer's knowledge, accurate and reliable, but no guarantee of their accuracy is made. All products are sold upon the condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses, and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Variability in length of exposure, temperature, pressure, velocity of fluid, and chemical concentration all contribute to reduced working pressure and hose reliability.



HEATFLEX PE-RT Radiant Pipe



HEATFLEX PE-RT PIPE

The next generation of radiant floor heat pipe featuring DOWLEX™ 2344 Polyethylene Copolymer Resin for hydronic heating. 5 layer construction with oxygen barrier for added UV protection.

Tested, Tried and True

PE-RT pipes have been used in European markets for more than twenty years with exceptional results. Oil Creek Plastics HEATFLEX pipe is made with DOWLEX™ 2344 Polyethylene Copolymer Resin, which offers the traditional benefits of polyethylene resin along with excellent high temperature resistance. The result is the next generation of radiant heating pipe.

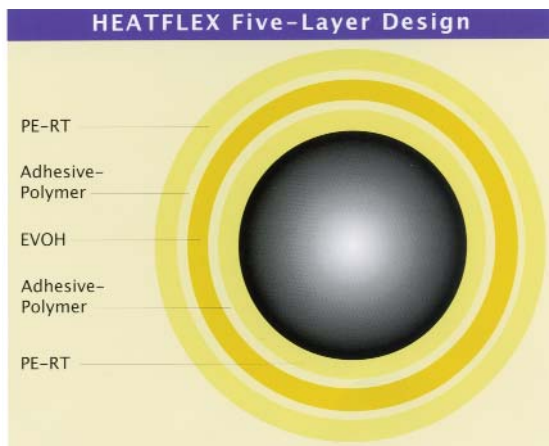
Oil Creek Plastics HEATFLEX pipe, made with DOWLEX™ 2344 Polyethylene Copolymer Resin, delivers excellent long-term hydrostatic design strengths, without the need for crosslinking. This increases flexibility, resulting in potential installation savings.

HEATFLEX pipe has excellent surface smoothness for improved flow properties.

Oil Creek Plastics used state of the art machinery and equipment to produce a premium five-layer PE-RT pipe. The five layer pipe consists of a layer of ethylene vinyl alcohol polymer (EVOH) sandwiched between two layers of DOWLEX™ 2344 Polyethylene Copolymer Resin and two layers of adhesive. The structure provides the outstanding long-term hydrostatic design strength demanded by hydronic heating applications. The outer layer of the DOWLEX™ also provides a protective shield for the oxygen barrier. This ensures that the radiant heating system has the best protection available against oxidation due to oxygen permeation of the piping system.

Oil Creek Plastics five-layer HEATFLEX pipe is the ideal choice for domestic and industrial radiant heating systems in North America.

- Non expandable.
- Greater flexibility than PEX A radiant tubing.
- Performs like PEX A radiant tubing.
- 5 layer construction with oxygen barrier versus 3 layer PEX A radiant tubing.
- 5 layer construction with oxygen barrier protects against UV degradation. Can be stored inside without being covered.
- Rolls are clear shrink wrapped for easy storage and handling.
- SDR-9, ASTM F2623.



Part Number	Tube Size	OD"	WT"	ID"	Water Content Gal/ft	Weight lb/ft	Roll Length feet	List Price per roll
HFLX38-300	3/8"	0.500	0.070	0.360	0.0053	0.042	300	\$ 259.88
HFLX50-300	1/2"	0.625	0.070	0.485	0.0096	0.054	300	288.88
HFLX50-1000	1/2"	0.625	0.070	0.485	0.0096	0.054	1000	962.93
HFLX58-300	5/8"	0.750	0.083	0.584	0.0139	0.076	300	452.65
HFLX75-300	3/4"	0.875	0.097	0.681	0.0189	0.103	300	548.74
HFLX100-300	1"	1.125	0.125	0.875	0.0312	0.167	300	924.32



In the United States: Phone (800) 776-2266 Fax (800) 729-3299
In Canada: Phone (866) 503-5523 Fax (888) 562-2095

www.americangranby.com

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HEATFLEX PE-RT Radiant Pipe



Applications:

Pipes for non-potable hot and cold water systems, including:

- Radiant floor heating systems
- Radiant connections
- Baseboard hot water connections.
- Heating/cooling applications.
- Snow melt applications.

Pipe dimensions and Tolerances:

Pipe is manufactured and tested according to ASTM-F2623.

Joining:

HEATFLEX pipe may be joined using insert fittings and clamps certified to ASTM F-877, F-1807 or F-2159. May also be joined using heat fusion techniques which eliminate the needs for fittings.

Continuous Pipe Dimension Production Testing:

- Inline ultrasonic monitoring of ID, OD and wall thickness.
- Regular manual testing during the pipe extruding and cooling procedure.

Material:

DOWLEX™ 2344 Polyethylene Copolymer Resin is a ethylene/octane-1 copolymer produced in the proprietary solution process of The Dow Corning Chemical Company. It has a unique molecular structure with a controlled side chain distribution, which provides a combination of excellent stress crack resistance and long term hydrostatic strength properties.

Maximum Operating

Temperature and Pressure:

- 200 PSI at 73°F
- 100 PSI at 180°F

Oxygen Diffusion Standard:

DIN 4726

Chemical Tubing Resistance Chart:

DIN 8075 Standard

Recycling:

Unlike PEX pipe and PVC pipe, HEATFLEX pipe is fully recyclable, making it the most earth-friendly of all your radiant heat pipe choices. All production rejects and conversion waste at Oil Creek Plastics is recycled rather than disposed of in landfills.

Warranty:

Lifetime Limited Warranty, including a per foot labor replacement cost, covering manufacturer related tubing defects. Pre-paid insurance policy covering repairs due to consequential damage, single occurrence, related to defects in materials or workmanship. To view complete warranty visit oilcreek.com.

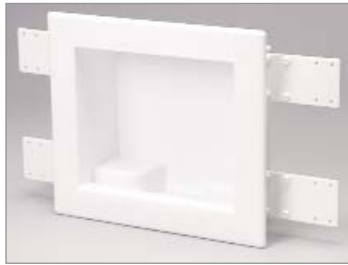


Technical Specifications

Physical Properties	Unit	Test Method	Values
Density	lb/ft ³	ASTM D-792	58.745
Thermal Conductivity at 140°F	BTU	DIN 52612-1	2.7734
Thermal Expansion Coefficient °F(68°F to 158°F)		DIN 5375	0.0000394
Oxygen Diffusion Rate with O ₂ Barrier at 100°F	Mg.in ² x24h	DIN 4726	Better than 0.0002
Oxygen Diffusion Rate with O ₂ Barrier at 180°F	Mg.in ² x24h	DIN 4726	Better than 0.00004
Tensile Yield	PSI	ISO 527-2	2,988
Ultimate Tensile	PSI	ISO 527-2	5,221
Percentage of Elongation	%	ISO 527-2	760
Modulus of Elasticity	PSI	ISO 178	138,511



Washer & Ice Maker Boxes



Washer Box

Washer Box Features:

- Center drain or dual drain.
- High impact polystyrene.
- 4 support brackets.
- Easy drain knockout.
- Top mount knockouts
- Box dimensions: 8 3/4" w x 7 1/2" h x 3 5/8" d
- Faceplate dimensions: 11 3/4" w x 10 1/8" h



Ice Maker Box

Ice Maker Box Features:

- 2 support brackets.
- High impact polystyrene.
- Valves comply with requirements of NSF 61, Section 9.
- Available in several box and valve configurations.
- Provides quick, safe water supply and shutoff for refrigerator ice maker and water dispenser.
- Box dimensions: 6" w x 6" h x 3 3/8"D.
- Faceplate dimensions: 8 1/4" w x 8 1/4" H

Part Number	Valve Connection	Valve Type	Drain	Ctn Qty	List Price
Standard Washer Boxes					
38934	1/2" Sweat	1/4 turn brass ball valves	Center	12	\$ 61.12
38937	1/2" CPVC	1/4 turn brass ball valves	Center	12	63.31
38945	1/2" PEX	1/4 turn brass ball valves	Center	12	71.27
Dual Drain Washer Boxes					
38673	1/2" Sweat	1/4 turn brass ball valves	Dual	12	74.76
38670	1/2" CPVC	1/4 turn brass ball valves	Dual	12	74.76
38660	1/2" Sweat	Single Lever ball valves	Dual	12	117.68
Ice Maker Boxes					
38681	1/2" Sweat	1/4 turn brass ball valve		6	46.07
38680	1/2" CPVC	1/4 turn brass ball valve		6	46.05
38684	1/2" PEX	1/4 turn brass ball valve		6	46.53
38805	Box Only	None		6	14.64

Closet Flanges & Gaskets



43503

Level Fit Closet Flange Features:

- 3" or 4" all plastic flange solvent welds inside of 4" or over 3" Sch 40 DWV pipe.
- Four mounting slots.
- Four countersunk holes for secure attachment to the floor.



43513

Level Fit Closet Flange with metal ring Features:

- The metal ring provides added strength and cracking resistance to the flange and can be rotated to allow precise alignment of bolts and screws.
- 3" or 4" flange solvent welds inside of 4" or over 3" Sch 40 DWV pipe.



43500

Level Fit Offset Closet Flange with metal ring Features:

- The metal ring provides added strength and cracking resistance to the flange and can be rotated to allow precise alignment of bolts and screws.
- 3" or 4" flange solvent welds inside of 4" or over 3" Sch 40 DWV pipe.
- 2" offset allows a margin of error for drain pipe/flange alignment.

Part Number	Material	Description	Size	Ctn Qty	List Price
Closet Flanges					
43505	PVC	Plastic ring closet flange w/ KO	3" x 4"	12	\$ 7.23
43503	PVC	Plastic ring closet flange	3" x 4"	12	6.38
43502	ABS	Plastic ring closet flange	3" x 4"	12	6.82
Closet Flanges with Metal Adjustable Ring					
43513	PVC	Metal ring closet flange	3" x 4"	12	10.56
43512	ABS	Metal ring closet flange	3" x 4"	12	12.84
Offset Closet Flanges					
43501	PVC	Offset closet flange	3" x 4"	12	19.18
43500	ABS	Offset closet flange	3" x 4"	12	27.36



Adjustable Urinal Flange Kit Features:

- Horizontal mounting slots accommodate urinals with 3 1/2" to 7" mount centers.
- Kit includes all bolts, nuts, washers and gaskets.
- Flanges solvent weld into any 2" fitting. They do not weld "over".

Part Number	Material	Description	Size	Ctn Qty	List Price
43543	PVC	Urinal flange kit	2"	10	\$ 38.13



Wax Closet Gasket Features:

- Amber-color.
- Meets Federal specifications HH-C-536A.

Part Number	Description & Material	Size	Ctn Qty	List Price
AGWAX	Standard wax gasket	3", 4"	48	\$ 2.50
AGWAXH	Wax gasket w/Horn	3", 4"	24	3.16
AGWAXJ	Jumbo wax gasket 1 1/2"	3", 4"	24	6.09



General Purpose

General Purpose & Shower Drain Features:

- Universal 4 1/2" Snap-Tite Strainer.
- Mechanically attach or solvent weld over 2" DWV pipe.
- No-Calk drain is designed for use with preformed shower bases and is ideal for slab construction.
- Solvent Weld drain body is sealed to shower base with rubber gasket and fiber slip washer.



42097 Shower Drain



42099 Shower Drain

Shower Drain for Tile Base Features:

- Designed for use on built-up shower bases of tile, marble, where a shower pan liner is used.
- Reversible clamping collar is secured with stainless steel bolts into brass inserts to prevent slipping.
- Low profile design for use in tight spaces.
- Solvent welds over 2" or inside 3" Sch 40 DWV.
- Universal 4 1/4" Screw-Tite strainer.

Part Number	Material	Description	Size	Ctn Qty	List Price
General Purpose Drains					
43583	PVC	Drain w/ 5" stainless steel Screw-Tite strainer	3" or 4"	12	\$ 23.90
43601	PVC	Drain w/ 5" nickle alloy grate	3" or 4"	12	39.71
43599	PVC	Drain w/ 5" brass grate and metal ring	3" or 4"	12	52.29
Shower Drains					
42097	PVC	Solvent weld drain w/ stainless steel strainer	2"	12	17.77
42099	PVC	No caulk drain w/ stainless steel strainer	2"	12	22.39
Shower Drain for Tile Shower Bases					
42213	PVC	Drain w/ round stainless steel Screw-Tite strainer	2" or 3"	12	26.17



Commercial Roof Drain

Roof Drain Features:

- With dome and gravel guard.

Part Number	Material	Description	Size	Ctn Qty	List Price
78023	PVC	Plastic Roof Drain w/ Cast Iron Dome	3" or 4"	1	\$ 141.90



Sure-Grip® Test Plug Features:

- Polypropylene construction.
- Fits all types of pipe at nominal sizes.
- Permanent or temporary use.

Part Number	Description	Size	Pipe ID	Ctn Qty	List Price
271158	Sure-Grip® plug	1- 11/2"	1.48" - 1.63"	50	\$ 7.50
271208	Sure-Grip® plug	2"	1.89" - 2.09"	50	8.49
271308	Sure-Grip® plug	3"	2.89" - 3.09"	30	9.97
271408	Sure-Grip® plug	4"	3.87" - 4.09"	30	15.69



Techno-Cap Features:

- Heavy duty, PVC, high pressure.
- Easily solvent cemented over end of CWV pipe.
- Will not clog or go down in pipe.

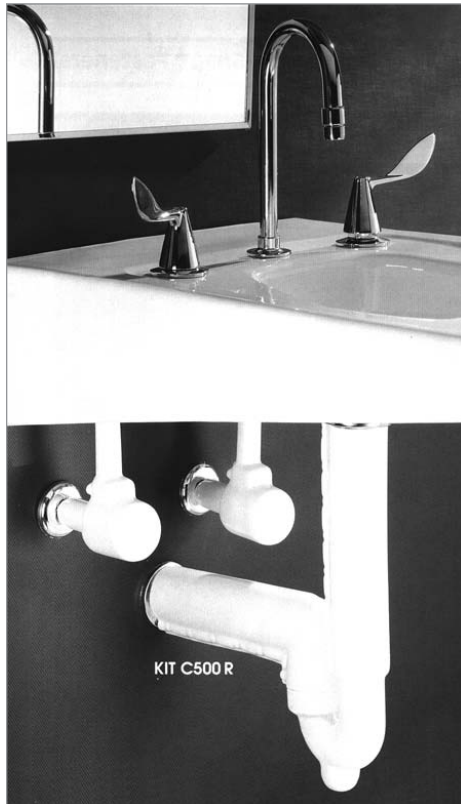
Part Number	Description	Size	Ctn Qty	List Price
33468	Tests 1 1/2" DWV Pipe	1-1/2"	100	\$ 0.61
33470	Tests 2" DWV Pipe	2"	100	0.81
33472	Tests 3" DWV Pipe	3"	50	1.20
33474	Tests 4" DWV Pipe	4"	25	1.54



Knock-Out™ Test Cap Features:

- Solvent cements to Sch 40 ABS and PVC DWV pipe.
- Deeper design provides stronger leak-free connections.
- "Tab" feature keeps hands free of solvent cement.
- Will withstand 10 PSI or 30' head pressure.

Part Number	Description	Size	Ctn Qty	List Price
39100	Knock-Out test cap	1-1/2"	50	\$ 0.70
39101	Knock-Out test cap	2"	50	0.70
39102	Knock-Out test cap	3"	50	1.21



HC500R Series

Trap Wrap™ brand insulation kits offer an economical way to professionally insulate exposed undersink piping. Integrally molded fasteners press together to provide an easy, seamless, retrofit installation.



Trap Wrap™ Features:

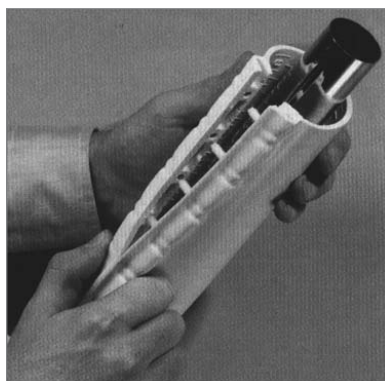
- Press-snap™ fasteners.
- Molded-in measurements.
- A.D.A. compliant.
- China White in color.
- Removable for service.
- Completely covers pipes and supplies.
- Sanitary surface.
- 2 piece P-trap assembly, 1 piece angle valve.
- Patented.

Satisfies the following requirements:

- A.D.A article 4.19.4
- A.N.S.I. A117.1
- California article P.1504B
- B.O.C.A. article P1203.4

Part Number	Description	Ctn Qty	List Price
HC500R	Standard Trap Wrap	15	\$ 80.98
HC500RHS	Trap Wrap with extra sink bend	15	108.67

TrapWrap is a trademark of Brocar Products, Inc.



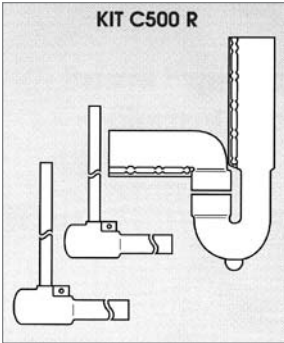
Angle valve cover allows for easy and quick emergency shut-off without removing cover

- Virtually seamless for enhanced appearance
- Reinstallable after service
- Highly tamper resistant
- Easily cleaned.

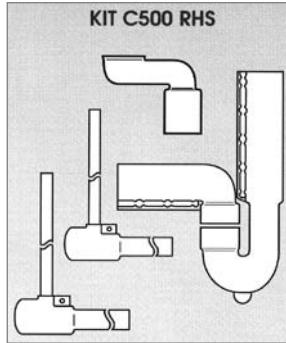




Formerly Brocar Products, Inc.



Includes 15" tail piece and trap cover, 8" waste arm insulation, fasteners, and hot and cold angle valve cover.



Includes all parts of HC500R plus C500HS off-set grid drain cover.

ASTM DATA

ASTM G21	Anti-Bacterial	No measurable bacterial growth
ASTM G22	Anti-Fungal	No measurable fungal growth
ASTM D635	Burning Characteristics	Less than 5 sec (ATB) 10 MM (AEB)
ASTM C177	Thermal conductivity	BTU - in/hr - ft ² - °F k value = 1.02

Sample Specification:

Wheelchair accessible lavatories and sinks shall be insulated with TrueBro Trap Wrap™ Insulation Kit (indicate model #, color and accessories). Trap assemblies shall have vinyl insulating outer shell with concealed integral fasteners for a virtually seamless finished installations. Angle stop covers shall permit unrestricted access to angle valves without removal of cover.



Plumbing Specialty Accessories



Tub Box

Tub Box Features:

- Provides a quick, economical & clean way to install tub waste & drain.
- Made of a semi-flexible, very durable plastic polymer.
- Built in cut-out for up to 2" Sch 40 drain.

Part Number	Size	Ctn Qty	List Price
34080	13" x 13" x 6 1/2"	12	\$ 23.32



Shower Pan Liner 41597

Shower Pan Liner Features:

- Gray PVC shower pan liner is 40 mil – One roll per case.
- Liner marked in 6" increments for ease of measuring.
- Meets ASTM D-4551.

Part Number	Size	Ctn Qty	List Price
41597	5' x 40' 40 mil	1	\$ 559.13



Water Heater Pan

Plastic Water Heater Pan Features:

- Recommended for electric water heater protection.
- Pre-drilled to accept 1" or 1 1/2" fittings.
- Manufactured from semi-flexible, tough and durable 0.0625" plastic polymer.

Part Number	Size	Ctn Qty	List Price
34061	20"	12	\$ 18.83
34062	22"	12	20.41
34063	24"	12	21.47
34064	26"	12	23.96
34065	30"	12	30.25



Water Heater Stand

Gas Water Heater Stand Features:

- Allows the placement of the water heater tanks 18" above the ground as required by National Fuel Gas Code.
- Constructed of 18 gauge spangled galvanized sheet metal, holds up to 50 gallon water heaters.

Part Number	Size	Ctn Qty	List Price
34057	21" x 21" x 18" high	4	\$ 114.54



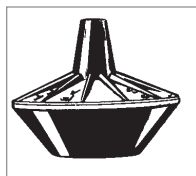
Universal Use Plunger Features:

- Universal use, in toilet bowl with end extended or with end folded in for flat surfaces, etc.
- Included is a 21" painted handle.



Flapper Tank Ball Features:

- Fits all conventional flush valves.
- Simple and easy to install.
- Assures positive sealing, eliminating problems of guide arm and lift wire misalignment.



Standard Tank Ball Features:

- Finest quality rubber.
- Will not stick to valve seats, swell or lose their shape.
- Fit perfectly, even on pitted valves.



Chain Style Tank Balls

- Replacement for Kohler Flush Ball with chain and hook.

Part Number	Description	Ctn Qty	List Price
Force Cups			
HUPG	6" universal use plunger	12	12.97
Tank Balls			
HFTB	Flapper Tank Ball	200	4.15
HSTB	Standard Tank Ball	144	3.49
HCTB	Chain Style Tank Ball	50	7.26



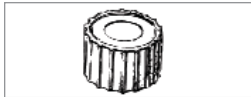
Solder Preparation Accessories



FB-E Series



FB Series



TB Series

Economy Fitting Brush Features:

- Galvanized stem wire with stainless steel bristles.

Standard Fitting Brush Features:

- High carbon crimped steel bristles.
- Two-wire galvanized stem with plastic hanging hole.

Hand Series Tube Cleaning Brush Features:

- Designed to clean and score the outside diameter of tubing.

Part Number	Description	Ctn Qty	List Price
FB50E	1/2" Economy Fitting Brush	12	\$ 2.09
FB75E	3/4" Economy Fitting Brush	12	2.14
FB100E	1" Economy Fitting Brush	12	2.40
FB125E	1-1/4" Economy Fitting Brush	8	3.32
FB150E	1-1/2" Economy Fitting Brush	6	3.67
FB200E	2" Economy Fitting Brush	6	4.08
FB50	1/2" Standard Fitting Brush	12	2.81
FB75	3/4" Standard Fitting Brush	12	2.96
FB100	1" Standard Fitting Brush	12	3.16
FB125	1-1/4" Standard Fitting Brush	8	3.93
FB150	1-1/2" Standard Fitting Brush	6	4.34
FB200	2" Standard Fitting Brush	6	4.69
TB50	1/2" Tube Cleaning Brush	12	5.46
TB75	3/4" Tube Cleaning Brush	12	6.12
TB100	1" Tube Cleaning Brush	12	6.68



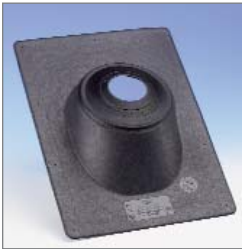
AC310

Plumber's Abrasive Cloth Features:

- 120 grit.
- Water resistant abrasive cloth.
- Specially processed for cleaning copper tubing and fittings.
- As a utility cloth, plumbers find many uses on metal and wood.

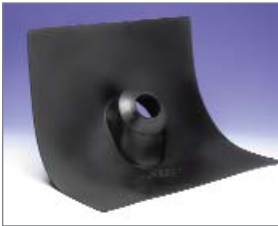
Part Number	Description	Size	Ctn Qty	List Price
AC310	120 grit abrasive	11/2" x 10 yards	24 rolls	\$ 8.47
OM5	Open Mesh cloth	1 1/2" x 5 yards	24 rolls	12.24
OM10	Open Mesh cloth	1 1/2" x 10 yards	24 rolls	19.90

Roof Flashings



Thermoplastic Self-Seal Roof Flashing Features:

- Non fading and non cracking rigid black thermoplastic base.
- Slides over pipe - for pitch to 40 degrees.
- 3" self-seal flashing can be used on 3" plastic, copper, steel or cast iron.
- Matte finish blends in better with roof surfaces.



Uni-Seal Flex Self-Seal Flexible Roof Flashing Features:

- Flexible base conforms to most flat or contoured roof surfaces including clay tile.
- No caulking needed.
- Slides over pipe - for pitch to 40 degrees.
- Unique dual bead configuration that seizes the vent pipe with a locking grip preventing leaking entirely.



Aluminum Self-Seal Roof Flashing Features:

- Rustproof 0.032 stamped aluminum standard base. Non fading sealing collar.
- Slides over pipe - for pitch to 40 degrees.



Galvanized Base Roof Flashing Features:

- Rustproof, stamped galvanized, 24 to 28 gauge. Non fading sealing collar.
- Slides over pipe - for pitch to 40 degrees.

Part Number	Description	Size	Ctn Qty	List Price
Thermoplastic Self-Seal Roof Flashings				
14101	Thermoplastic Flashing	1-1/4", 1-1/2"	12	\$ 10.38
14102	Thermoplastic Flashing	2"	12	10.94
14103	Thermoplastic Flashing	3"	12	9.31
14185	Thermoplastic Flashing	1 1/2, 2, 3"	12	8.88
14104	Thermoplastic Flashing	4"	12	10.84
Uni-Seal Flex Self-Seal Roof Flashings				
30101	Flexible Flashing	1-1/4", 1-1/2"	12	8.02
30102	Flexible Flashing	2"	12	9.60
30103	Flexible Flashing	3"	12	10.32
30104	Flexible Flashing	4"	12	11.24
Aluminum Self-Seal Roof Flashings				
12101	Aluminum Flashing	1-1/4", 1-1/2"	12	20.14
12102	Aluminum Flashing	2"	12	21.69
12103	Aluminum Flashing	3"	12	22.46
12104	Aluminum Flashing	4"	12	28.22
Galvanized Self-Seal Roof Flashings				
12201	Galvanized Flashing	1 1/4", 1 1/2"	20	16.91
12202	Galvanized Flashing	2"	20	17.48
12203	Galvanized Flashing	3"	20	19.26
12209	Galvanized Flashing	1 1/4, 1 1/2, 2, 3"	20	16.31
12204	Galvanized Flashing	4"	20	19.50

Approvals:



Report #93126



File #2326



Perforated Hanger Strapping



101 Series Galvanized Duct Tape

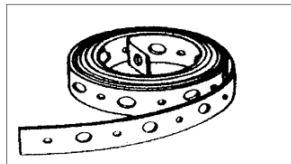
- 24 and 28 gauge
- Alternate 1/4" and 5/16" bolt and nail holes
- 3/4" width

102 Series Plastic Polypropylene Hanger Strapping

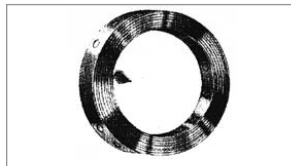
- 1/8" dia. holes
- Max working load - 15# @ 85° F
- Breaking Strength - 100# @ 68° F

100G Series Galvanized or Zinc Plated

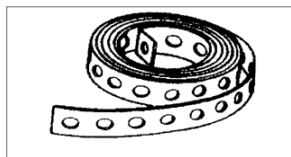
- Perforated hanger strapping
- 20 to 28 gauge
- 1/4" bolt holes
- 3/4" width



101 Series



102 Series



100G and 100S Series

Part Number	Size	Ctn Qty	List Price
101 Series - Galvanized Duct Tape			
101-10	3/4" x 10' x 24 gauge	50	\$ 2.57
101-50	3/4" x 50' x 24 gauge	10	14.78
101-100	3/4" x 100' x 24 gauge	5	28.60
101-10-28	3/4" x 10' x 28 gauge	50	2.28
101-50-28	3/4" x 50' x 28 gauge	10	13.56
101-100-28	3/4" x 100' x 28 gauge	5	24.64
102 Series - Plastic Polypropylene			
102-10	3/4" x 10' x .05 gauge	BULK/100	2.42
102-25	3/4" x 25' x .05 gauge	1/40	4.71
102-50	3/4" x 50' x .05 gauge	1/20	12.59
102-100	3/4" x 100' x .05 gauge	1/10	22.50
100G Series - Galvanized or Zinc Plated			
100G-10-24	3/4" x 10' x 24 gauge	50	2.56
100G-50-24	3/4" x 50' x 24 gauge	10	14.78
100G-100-24	3/4" x 100' x 24 gauge	5	28.60
100G-10-28	3/4" x 10' x 28 gauge	50	2.12
100G-10-22	3/4" x 10' x 22 gauge	50	3.21
100G-50-22	3/4" x 50' x 22 gauge	10	18.48
100G-100-22	3/4" x 100' x 22 gauge	5	34.56
100G-10-20	3/4" x 10' x 20 gauge	50	3.75
100G-50-20	3/4" x 50' x 20 gauge	10	20.19
100G-100-20	3/4" x 100' x 20 gauge	5	23.42
100S Series - Steel Plain			
100S-10-24	3/4" x 10' x 24 gauge	50	2.28



604 Series

604 Series Insulated Glide Clip Features:

- Specially compounded material wrapped around copper clad steel permits smooth, silent pipe movement.
- Prevents electrolysis and corrosion.
- Resists temperature up to 280° F(137° C). Ideal for hot water heating or supply lines -- eliminates creaking noises made by pipe expanding and contracting against wood surfaces.



606 Series

606 Series Van Hanger Features:

- Unique design for applications that require space between pipe and mounting surface.
- Copper clad steel, heavy duty metal construction.



608 Series

608 Series Copper Tube Strap Features:

- Copper clad steel; heavy duty metal construction.

Part Number	Size	Mounting Hardware (incl)	Ctn Qty	List Price
Insulated Glide Clips				
604-1/2	1/2"	Copper Clad Nails	10	\$ 3.61
604-3/4	3/4"	Copper Clad Nails	10	3.89
604-1	1"	Copper Clad Nails	10	4.87
604-11/4	1-1/4"	Copper Clad Nails	10	5.49
Copper Clad Van Hangers				
606-1/2	1/2"	Copper Clad Screw	20	2.80
606-3/4	3/4"	Copper Clad Screw	20	3.00
606-1	1"	Copper Clad Screw	20	3.28
Copper Tube Straps				
608-1/2	1/2"	Copper Clad Nails	100	0.40
608-3/4	3/4"	Copper Clad Nails	50	0.46
608-1	1"	Copper Clad Nails	50	0.60
608-11/4	1-1/4"	Copper Clad Nails	50	0.71



500 Series Copper Clad Tube Straps

- 2 ear and one ear styles

510 Series Copper Clad Tube Straps

- One ear styles

511 Series Plastic Tube Tallon

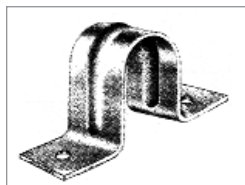
- Made of polyethylene
- 1/2, 3/4 and 1" sizes available

513 Series Single Shot Hanger

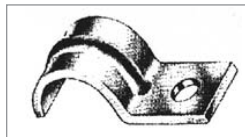
- Plastic with nail

515 Series Suspension Clamp

- Made of polyethylene



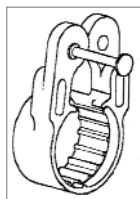
500 Series



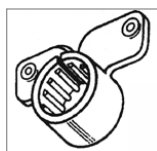
510 Series



511 Series



513 Series



515 Series

Part Number	Size	Ctn Qty	List Price
Copper Clad Tube Straps, TWO HOLE			
500-1/2	1/2"	100	\$ 0.13
500-3/4	3/4"	100	0.16
500-1	1"	100	0.19
500-1 1/4	1 1/4"	100	0.47
Copper Clad Tube Straps, ONE HOLE			
510-1/4	1/4"	100	0.43
510-3/8	3/8"	100	0.43
510-1/2	1/2"	100	0.45
510-3/4	3/4"	100	0.49
510-1	1"	100	0.96
510-1 1/2	1 1/2"	50	2.27
510-2	2"	50	2.65
Tube Tallon Clamp			
511-1/2	1/2"	100	0.23
511-3/4	3/4"	100	0.32
511-1	1"	50	0.86
Suspension Clamp			
513-1/2	1/2"	50	0.65
513-3/4	3/4"	50	0.81
Suspension Clamp			
515-1/2	1/2"	100	0.47
515-3/4	3/4"	100	0.50
515-1	1"	50	1.45

Pipe Straps



600 Series Galvanized Pipe Straps

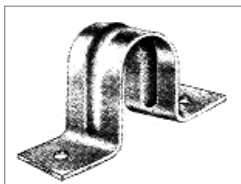
- 2 ear
- 1/2 - 2" sizes available

603 Series Plastic Coated Pipe Straps

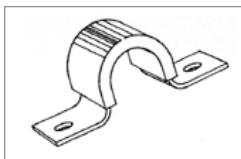
- 2 ear
- 1" - 2" sizes available

610 and 620 Series Galvanized Pipe Straps

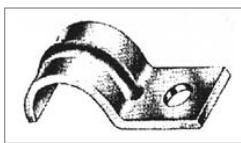
- 1 ear
- 1" - 2" sizes available



600 Series



603 Series



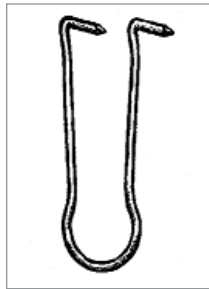
610/620 Series

Part Number	Size	Ctn Qty	List Price
Galvanized Pipe Straps			
600-1/4	1/4"	100	\$ 0.18
600-3/8	3/8"	100	0.18
600-1/2	1/2"	100	0.15
600-3/4	3/4"	100	0.21
600-1	1"	100	0.34
600-1 1/4	1 1/4"	50	0.44
600-1 1/2	1 1/2"	50	0.51
600-2	2"	50	0.79
600-2 1/2	2 1/2"	25	1.28
600-3	3"	25	1.64
600-4	4"	25	2.73
Plastic Coated Pipe Straps			
603-1	1"	50	4.02
603-1 1/4	1 1/4"	50	4.28
603-1 1/2	1 1/2"	50	4.68
603-2	2"	50	4.96
603-3	3"	25	8.57
603-4	4"	25	10.71
603-6	6"	10	28.39
One Hole Pipe Straps			
610-1/4	1/4" Pipe	100	0.25
610-3/8	3/8" Pipe	100	0.32
610-1/2	1/2" Pipe	100	0.37
610-3/4	3/4" Pipe	100	0.61
610-1	1" Pipe	100	0.70
610-1 1/4	1 1/4" Pipe	100	1.13
610-1 1/2	1 1/2" Pipe	50	1.94
610-2	2" Pipe	50	2.27
One Hole EMT Straps			
620-1/2	1/2" EMT	100	0.37
620-3/4	3/4" EMT	100	0.38
620-1	1" EMT	100	0.48
620-1 1/4	1 1/4" EMT	100	0.83
620-1 1/2	1 1/2" EMT	50	1.19
620-2	2" EMT	50	2.27



Tube & Pipe Hooks

200 S Series Bright Steel
200 C Series Copper Clad



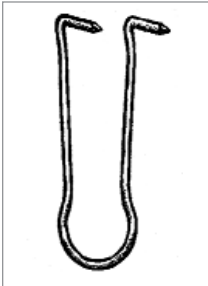
200S and 200C Series

Part Number	Size (pipe x length)	Ctn Qty	List Price
Bright Steel			
200S-1/2X4	1/2" X 4"	50	\$ 0.51
200S-1/2X6	1/2" X 6"	50	0.57
200S-1/2X8	1/2" X 8"	50	0.68
200S-1/2X10	1/2" X 10"	50	1.26
200S-1/2X12	1/2" X 12"	50	1.41
200S-3/4X4	3/4" X 4"	50	0.51
200S-3/4X6	3/4" X 6"	50	0.57
200S-3/4X12	3/4" X 12"	50	1.41
200S-1X4	1" X 4"	50	0.51
200S-1X6	1" X 6"	50	0.57
200S-1X8	1" X 8"	50	0.68
200S-1X10	1" X 10"	50	1.26
200S-1 1/4X6	1 1/4" X 6"	50	0.92
200S-1 1/4X8	1 1/4" X 8"	50	1.11
200S-1 1/4X10	1 1/4" X 10"	50	1.26
200S-1 1/4X12	1 1/4" X 12"	50	1.41
200S-1 1/2X6	1 1/2" X 6"	50	0.92
200S-1 1/2X8	1 1/2" X 8"	50	1.11
200S-1 1/2X10	1 1/2" X 10"	50	1.26
200S-1 1/2X12	1 1/2" X 12"	50	1.41
200S-2X6	2" X 6"	50	0.92
200S-2X8	2" X 8"	50	1.11
200S-2X10	2" X 10"	50	1.26
200S-2X12	2" X 12"	50	1.41
Copper Clad			
200C-1/2X4	1/2" X 4"	50	0.59
200C-1/2X6	1/2" X 6"	50	0.66
200C-1/2X8	1/2" X 8"	50	0.82
200C-1/2X10	1/2" X 10"	50	1.54
200C-1/2X12	1/2" X 12"	50	1.74
200C-3/4X4	3/4" X 4"	50	0.59
200C-3/4X6	3/4" X 6"	50	0.66
200C-3/4X8	3/4" X 8"	50	0.82
200C-3/4X10	3/4" X 10"	50	1.54
200C-3/4X12	3/4" X 12"	50	1.74
200C-1X4	1" X 4"	50	0.59
200C-1X6	1" X 6"	50	0.66
200C-1X8	1" X 8"	50	0.82
200C-1X10	1" X 10"	50	1.54
200C-1X12	1" X 12"	50	1.74

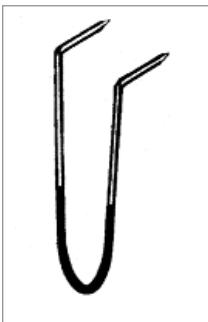
Tube & Pipe Hooks



200 C Series Copper Clad
200 P Series Plastic Coated



200S and 200C Series



200P Series

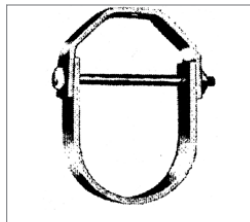
Part Number	Size (pipe x length)	Ctn Qty	List Price
200C-11/4X6	1 1/4" X 6"	50	\$ 0.66
200C-11/4X8	1 1/4" X 8"	50	0.82
200C-11/4X10	1 1/4" X 10"	50	1.54
200C-11/4X12	1 1/4" X 12"	50	1.74
200C-11/2X6	1 1/2" X 6"	50	1.08
200C-11/2X8	1 1/2" X 8"	50	1.17
200C-11/2X10	1 1/2" X 10"	50	1.54
200C-11/2X12	1 1/2" X 12"	50	1.74
200C-2X6	2" X 6"	50	1.08
200C-2X8	2" X 8"	50	1.17
200C-2X10	2" X 10"	50	1.54
200C-2X12	2" X 12"	50	1.74
Plastic Coated			
200P-1/2X4	1/2" X 4"	50	1.77
200P-1/2X6	1/2" X 6"	50	1.88
200P-1/2X8	1/2" X 8"	50	2.72
200P-1/2X10	1/2" X 10"	50	4.87
200P-1/2x12	1/2" x 12"	50	6.27
200P-3/4X4	1/2" Pipe* x 4"	50	1.77
200P-3/4X6	1/2" Pipe* x 6"	50	1.88
200P-3/4X8	1/2" Pipe* x 8"	50	2.72
200P-3/4X10	1/2" Pipe* x 10"	50	4.87
200P-3/4X12	1/2" Pipe* x 12"	50	6.27
200P-1x4	3/4" Pipe* x 4"	50	1.77
200P-1X6	3/4" Pipe* x 6"	50	1.88
200P-1X8	3/4" Pipe* x 8"	50	2.72
200P-1X10	3/4" Pipe* x 10"	50	4.87
200P-1X12	3/4" Pipe* x 12"	50	6.27
200P-11/4X6	1" Pipe * x 6"	50	3.44
200P-11/4X8	1" Pipe * x 8"	50	4.53
200P-11/4X10	1" Pipe * x 10"	50	4.87
200P-11/4X12	1" Pipe * x 12"	50	6.27
200P-11/2X6	1 1/4" Pipe * x 6"	50	3.44
200P-11/2X8	1 1/4" Pipe * x 8"	50	4.53
200P-11/2X10	1 1/4" Pipe * x 10"	50	4.87
200P-11/2X12	1 1/4" Pipe * x 12"	50	6.27
200P-2X6	1 1/2" Pipe * x 6"	50	3.44
200P-2X8	1 1/2" Pipe * x 8"	50	4.53
200P-2X10	1 1/2" Pipe * x 10"	50	4.87
200P-2X12	1 1/2" Pipe * x 12"	50	6.27

* For plastic coated steel pipe hooks, order tube hook of next larger size.
Ex: For 3/4" x 6" pipe use 1" x 6" hook.



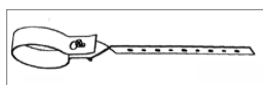
DWV Hanger - Galvanized

- Not plastic coated



Clevis

Part Number	Size	Ctn Qty	List Price
Light Clevis			
104-1/2	1/2"	100	\$ 1.68
104-3/4	3/4"	100	1.72
104-1	1"	100	1.77
104-1 1/4	1 1/4"	100	1.88
104-1 1/2	1 1/2"	100	2.04
104-2	2"	50	2.17
104-2 1/2	2 1/2"	25	3.80
104-3	3"	25	4.19
104-4	4"	25	5.68
Copperclad Clevis			
406-1/2	1/2"	100	1.93
406-3/4	3/4"	100	1.98
406-1	1"	100	2.31
406-1 1/4	1 1/4"	100	2.47
406-1 1/2	1 1/2"	100	2.73
406-2	2"	50	3.27
Standard Clevis, Black			
204-1/2	1/2"	100	1.93
204-3/4	3/4"	100	1.93
204-1	1"	100	2.04
204-1 1/4	1 1/4"	100	2.33
204-1 1/2	1 1/2"	100	2.52
204-2	2"	50	2.76
204-2 1/2	2 1/2"	25	5.41
204-3	3"	25	5.84
204-4	4"	25	7.23
204-5	5"	15	13.82
204-6	6"	10	15.27
204-8	8"	8	23.90
204-10	10"	BULK	64.28
204-12	12"	BULK	61.69
DWV Hanger - Galvanized			
120-1 1/2	1 1/2"	50	2.35
120-2	2"	50	2.47
120-3	3"	50	2.57
120-4	4"	50	2.95



DWV Hanger

Pipe Hangers



Adjustable Swivel Ring

- Galvanized, or copperclad
- 1/2" to 4" - 3/8" rod
- 5" to 8" - 1/2" rod

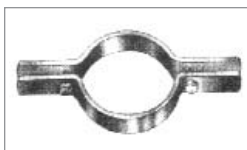


900 All Thread Rod

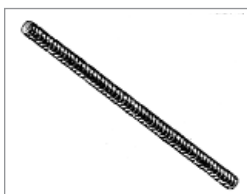
- 6' length, plain



300 Swivel Ring



108 Riser Clamp



900 Rod

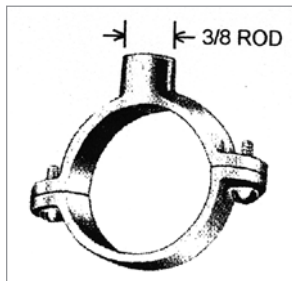
Part Number	Size	Ctn Qty	List Price
Adjustable Swivel Ring, Galvanized			
300-1/2	1/2"	100	\$ 1.55
300-3/4	3/4"	100	1.55
300-1	1"	100	1.64
300-11/4	1 1/4"	100	1.64
300-11/2	1 1/2"	100	1.93
300-2	2"	100	2.09
300-21/2	2 1/2"	50	3.75
300-3	3"	50	4.44
300-4	4"	25	5.68
300-5	5"	20	7.88
300-6	6"	20	8.62
300-8	8"	10	10.61
Adjustable Swivel Ring, Copperclad			
301-1/2	1/2"	100	2.67
301-3/4	3/4"	100	2.72
301-1	1"	100	2.82
301-11/4	1 1/4"	100	2.87
301-11/2	1 1/2"	100	2.92
301-2	2"	100	3.20
Riser Clamp, Black			
108-1	1"	25	5.68
108-11/4	1 1/4"	25	5.89
108-11/2	1 1/2"	25	6.65
108-2	2"	25	7.39
108-21/2	2 1/2"	25	8.15
108-3	3"	25	9.86
108-4	4"	25	12.59
108-5	5"	15	18.48
108-6	6"	10	19.45
108-8	8"	BULK	50.36
108-10	10"	BULK	62.95
All Thread Rod			
900-1/4	1/4"	50	5.20
900-3/8	3/8"	25	9.80
900-1/2	1/2"	15	18.52
900-5/8	5/8"	9	31.12
900-3/4	3/4"	6	47.96
900-1	1"	3	90.87



Split Ring Pipe Hangers

Split Ring Hangers - Malleable Iron

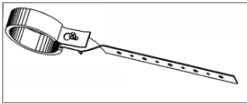
- Galvanized, black or copper clad
- 3/8" to 2" - 3/8" rod
- 2 1/2" to 4" - 1/2" rod



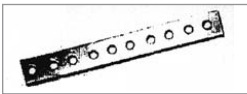
Split Ring Hangers

Part Number	Size	Rod Size	Ctn Qty	List Price
Split Ring Pipe Hanger, Black malleable				
202-3/8	3/8"	3/8"	50	\$ 3.02
202-1/2	1/2"	3/8"	50	3.02
202-3/4	3/4"	3/8"	50	3.14
202-1	1"	3/8"	50	3.49
202-1 1/4	1 1/4"	3/8"	25	4.31
202-1 1/2	1 1/2"	3/8"	25	5.34
202-2	2"	3/8"	25	5.59
Split Ring Pipe Hanger, Galvanized malleable				
385-3/8	3/8"	3/8"	50	3.37
385-1/2	1/2"	3/8"	50	3.37
385-3/4	3/4"	3/8"	50	3.60
385-1	1"	3/8"	50	4.13
385-1 1/4	1 1/4"	3/8"	25	4.94
385-1 1/2	1 1/2"	3/8"	25	6.92
385-2	2"	3/8"	25	6.39
385-2 1/2	2 1/2"	1/2"	25	14.53
385-3	3"	1/2"	25	17.44
385-4	4"	1/2"	25	23.25
Split Ring Pipe Hanger, Copper Clad, Malleable				
485-3/8	3/8"	3/8"	50	2.68
485-1/2	1/2"	3/8"	50	2.68
485-3/4	3/4"	3/8"	50	2.73
485-1	1"	3/8"	50	3.08
485-1 1/4	1 1/4"	3/8"	25	3.66
485-1 1/2	1 1/2"	3/8"	25	3.78
485-2	2"	3/8"	25	4.47
485-2 1/2	2 1/2"	1/2"	25	14.53
485-3	3"	1/2"	25	17.44
485-4	4"	1/2"	25	23.25

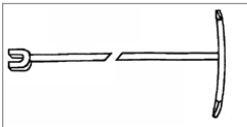
Plastic Pipe Hangers & Accessories



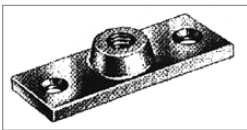
DWV Hanger



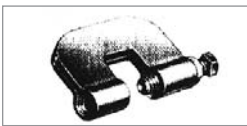
DWV Extension Bar



Stop Keys



Flanges



C Clamps



Top Beam Clamp

Part Number	Size	Ctn Qty	List Price
DWV Hanger Plastic Coated			
220-11/2	1 1/2"	50	\$ 5.63
220-2	2"	50	5.89
220-3	3"	50	6.56
220-4	4"	50	7.37
220-6	6"	25	19.49
DWV Extension Bar			
221-3	16 gauge x 3'	25	2.59
Stop Keys			
413-6	6'	6	101.79
413-8	8'	6	138.48
413-10	10'	6	158.62
Ceiling Flanges			
208-3/8BT	3/8" bolt thread, malleable iron	100	1.66
389-1/4PT	1/4" pipe thread, galvanized	100	1.74
389-3/8BT	3/8" bolt thread, galvanized	100	1.76
389-1/2BT	1/2" bolt thread, galvanized	100	4.56
489-3/8BT	3/8" bolt thread, copper clad	100	2.04
C Clamps			
122-1/4			
122-3/8	For Pipe Sizes	Fits Rods Size	
122-1/2	1/2" - 2"	1/4" without locknut	50 4.03
123-3/8	2 1/2" - 3 1/2"	3/8" without locknut	100 3.35
123-1/2	1/2" - 2"	1/2" without locknut	100 4.91
123-3/8	1/2" - 2"	3/8" with locknut	100 3.37
123-1/2	2 1/2" - 3 1/2"	1/2" with locknut	100 4.02
123-5/8	4" - 5"	5/8" with locknut	50 14.73
123-3/4	6"	3/4" with locknut	50 18.86
Top Beam Clamp, 3/4" Standard Opening			
125-3/8	3/8" rod	100	2.79
125-1/2	1/2" rod	100	3.49



Strap & Tube Hangers



601 Series

601 Series American Tube Hanger Features:

- Designed to utilize scrap 1/2" copper tube for extension.
- Packaged 10 sets (hanger clamp and tube brace).
- Copper clad wood mounting screws are included.



602 Series

602 Series Insulated Strap Hanger Features:

- Specially compounded material prevents pipe noise from reaching the floor joists.
- Copper clad steel with mounted machine screw and fiber washer.
- Copper clad nails are included.

Part Number	Pipe Diameter	Fits Extension Tube Size	Mounting Hardware Included	Ctn Qty	List Price
American Tube Hangers					
601-1/2	1/2"	1/2"	Wood Screws	10	\$ 3.44
601-3/4	3/4"	1/2"	Wood Screws	10	4.27
601-1	1"	1/2"	Wood Screws	10	4.91
601-11/4	1-1/4"	1/2"	Wood Screws	10	5.95
601-11/2	1-1/2"	1/2"	Wood Screws	10	6.45
601-2	2"	1/2"	Wood Screws	10	6.84
Insulated Strap Hangers					
		Hanger Length			
602-1/2x6	1/2"	6"	Copper Clad Nails	25	5.05
602-1/2x12	1/2"	12"	Copper Clad Nails	25	5.86
602-3/4x6	3/4"	6"	Copper Clad Nails	25	5.15
602-3/4x12	3/4"	12"	Copper Clad Nails	25	5.91
602-1x6	1"	6"	Copper Clad Nails	25	5.29
602-1x12	1"	12"	Copper Clad Nails	25	6.08
602-11/4x6	1-1/4"	6"	Copper Clad Nails	25	5.46
602-11/4x12	1-1/4"	12"	Copper Clad Nails	25	6.11



337 Series

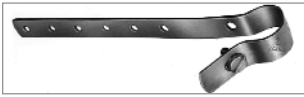
J-Hook Features:

- Made of high impact ABS for increased load capacity.
- Supports copper, CPVC, drain, waste and vent plastic pipe from joists and rafters.



Part Number	Description	Bag/Ctn Qty	List Price
J-Hooks			
33745	1/2" x 4" CTS	25/300	\$ 1.81
33746	3/4" x 4" CTS	25/300	1.80
33747	1" x 4" CTS	25/200	2.15
33740	1 1/2" x 7 1/2" DWV	25/300	2.42
33741	2" x 7 1/2" DWV	25/300	2.57
33742	3" x 7 1/2" DWV	25/300	2.53

Strap & Tube Hangers



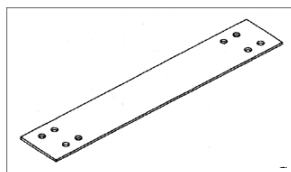
603 Series

603 Series Natick Strap Hanger Features:

- Made from copper clad steel, will not rust or rot.
- A tapered end, copper clad machine screw with fiber washer is mounted on every hanger for quick, tumble free installations.
- Can be mounted cross beam or along the beam.
- Copper clad mounting nails are included.



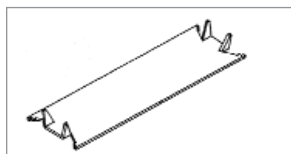
Part Number	For Pipe Size	Hanger Length	Mounting Hardware Included	Ctn Qty	List Price
Natick Strap Hangers					
603-1/2x6	1/2"	6"	Copper Clad Nails	25	\$ 2.87
603-1/2x12	1/2"	12"	Copper Clad Nails	25	3.52
603-3/4x6	3/4"	6"	Copper Clad Nails	25	2.89
603-3/4x12	3/4"	12"	Copper Clad Nails	25	3.53
603-1x6	1"	6"	Copper Clad Nails	25	2.93
603-1x12	1"	12"	Copper Clad Nails	25	3.70
603-11/4x6	1-1/4"	6"	Copper Clad Nails	25	2.90
603-11/4x12	1-1/4"	12"	Copper Clad Nails	25	3.69



918/916/913 FHA Plates

918, 919, 916 and 913 FHA Plates

- 1 1/2" width and 3" width in 18 gauge
- 18, 16 and 13 gauge



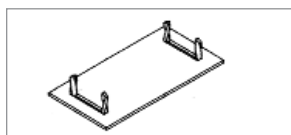
530 & 531 Stud Guards

530 Stud Guards

- Triangle points
- 1 1/2" width
- 18 gauge

531 Stud Guards

- Triangle points
- 1 1/2" width
- 20 gauge



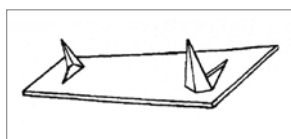
920 Stud Guards

920 Stud Guards

- Twist points
- 1 1/2" width
- 19 gauge

922 Stud Guards

- Interlocking
- 1 1/2" width
- 20 gauge



922 Stud Guards

Part Number	Size and Gauge	Ctn Qty	List Price
FHA Plates			
918-11/2X9	1 1/2" X 9", 18 gauge	50	\$ 0.90
918-11/2X12	1 1/2" X 12", 18 gauge	50	1.13
918-11/2X18	1 1/2" X 18", 18 gauge	50	1.71
916-11/2X9	1 1/2" X 9", 16 gauge	50	1.11
916-11/2X12	1 1/2" X 12", 16 gauge	50	1.56
916-11/2X18	1 1/2" X 18", 16 gauge	50	2.32
913-11/2X9	1 1/2" X 9", 13 gauge	50	1.47
913-11/2X12	1 1/2" X 12", 13 gauge	25	2.19
913-11/2X18	1 1/2" X 18", 13 gauge	25	3.28
919-3X9	3" X 9", 18 gauge	50	1.59
919-3X12	3" X 12", 18 gauge	50	2.12
919-3X18	3" X 18", 18 gauge	50	3.21
Stud Guards			
530-11/2X3	1 1/2" X 3", 18 gauge	100	0.28
530-11/2x5	1 1/2" x 5", 18 gauge	100	0.42
530-11/2X6	1 1/2" X 6", 18 gauge	100	0.46
531-11/2X3	1 1/2" X 3", 20 gauge	100	0.23
531-11/2x5	1 1/2" x 5", 20 gauge	100	0.37
531-11/2X6	1 1/2" X 6", 20 gauge	100	0.39
920-11/2X3	1 1/2" x 3", 19 gauge	100	0.24
920-11/2X6	1 1/2" X 6", 19 gauge	100	0.41
922-11/2X3	1 1/2" x 3", 20 gauge	100	0.21
922-11/2X6	1 1/2" X 6", 20 gauge	100	0.42

