



SECTION 6

PLUMBING & HEATING

ACCESSORIES & SPECIALTIES



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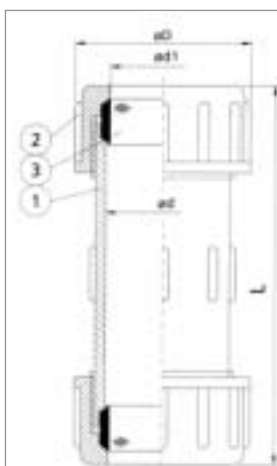


Compression Couplings-Imported, PVC/CPVC



PVC Compressing Coupling Features:

- Iron Pipe Size (PVC), Copper Tube Size (CPVC)
- For use with old 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.)

1/2"	1.30	.71	.63	4.49
3/4"	1.85	.95	.88	5.00

MATERIAL SPECIFICATIONS

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

Part Number	Material	Size	Case Qty	List Price
PC10-1/2	PVC	1/2" IPS	100	\$ 2.18
PC10-3/4	PVC	3/4" IPS	90	2.57
PC10-1	PVC	1" IPS	60	3.29
PC10-1 1/4	PVC	1 1/4" IPS	40	4.04
PC10-1 1/2	PVC	1 1/2" IPS	30	5.57
PC10-2	PVC	2" IPS	20	7.68
PC10-2 1/2	PVC	2 1/2" IPS	10	17.54
PC10-3	PVC	3" IPS	4	24.82
PC10-4	PVC	4" IPS	2	32.75
PC10-6	PVC	6" IPS	6	78.79
HW10CTS1/2	CPVC	1/2" CTS	360	3.54
HW10CTS3/4	CPVC	3/4" CTS	240	4.25



BOA Series

Part Number	For Use with Coupling Sizes	Ctn Qty	List Price
Adjustable BOA STRAP Wrench from Flo Control			
BOA-104	1/2" through 4"	1	\$ 32.11
BOA-106	6"	1	35.36

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

Coupling GC10C - Long Pattern - Imported - Malleable Iron, 125 PSI, 120° F				
Part Number	Size	Pipe O.D.	Ctn Qty	List Price
GC10C1/2	1/2"	.840	24	\$ 5.98
GC10C3/4	3/4"	1.050	24	7.60
GC10C1	1"	1.315	12	10.20
GC10C11/4	1-1/4"	1.660	12	12.80
GC10C11/2	1-1/2"	1.900	12	14.39
GC10C2	2"	2.375	08	22.19



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	25	\$ 17.05
GC10-3/4	3/4"	1.050	25	19.81
GC10-1	1"	1.315	25	22.95
GC10-11/4	1-1/4"	1.660	12	30.10
GC10-11/2	1-1/2"	1.900	12	34.48
GC10-2	2"	2.375	12	43.33



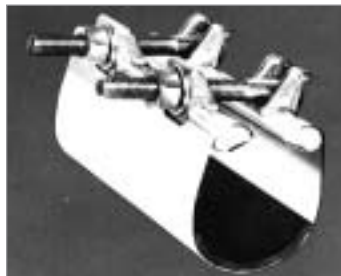
GC12 Series

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	25	\$ 20.04
GC12-3/4	3/4"	1.050	25	21.11
GC12-1	1"	1.315	25	23.24
GC12-11/4	1-1/4"	1.660	20	29.74
GC12-11/2	1-1/2"	1.900	20	39.66
GC12-2	2"	2.375	10	41.79



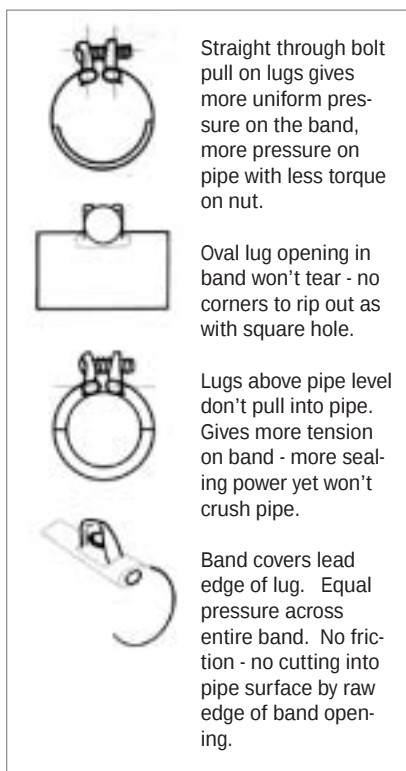


Pipe Repair Clamps



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



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	\$ 5.83
HRC3-1/2	1/2"	.840	.875	6	5.83
HRC3-3/4	3/4"	1.050	1.125	6	6.00
HRC3-1	1"	1.315	1.375	6	6.57
HRC3-1 1/4	1 1/4"	1.660	1.625	6	7.82
HRC3-1 1/2	1 1/2"	1.900		6	7.93
HRC3-2	2"	2.375		6	8.95
HRC3-2 1/2	2 1/2"	2.875		6	9.63
HRC3-3	3"	3.50		6	10.54
HRC3-4	4"	4.50		6	12.35
6" Wide, 2 Bolts					
HRC6-1/2	1/2"	.840	.875	6	11.10
HRC6-3/4	3/4"	1.050	1.125	6	11.44
HRC6-1	1"	1.315	1.375	6	11.90
HRC6-1 1/4	1 1/4"	1.660	1.625	6	12.80
HRC6-1 1/2	1 1/2"	1.900		6	14.73
HRC6-2	2"	2.375		6	16.88
HRC6-2 1/2	2 1/2"	2.875		6	18.18
HRC6-3	3"	3.50		6	18.64
HRC6-4	4"	4.50		6	20.68

Couplings - Flexible & No-Hub



Coupling 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
- 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

Part Number	Size	Connection	Ctn Qty	List Price
NO HUB COUPLINGS				
C150C	1 1/2 X 1 1/2	CI X CI	100	\$ 6.44
C200C	2 X 2	CI X CI	100	6.44
C215C	2 X 1 1/2	CI X CI	100	7.65
C300C	3 X 3	CI X CI	100	7.65
C400C	4 X 4	CI X CI	100	9.08
FLEXIBLE COUPLINGS				
MR0244	4 X 4	CLAY X CI/PL	18	10.05
MR56125	1 1/2" Tubing, Copper or 1 1/4" PL to Same		24	5.15
MR5615	1 1/2 x 1 1/2	CI/PL X CI/PL	24	5.51
MR56215	2 X 1 1/2	CI/PL X CI/PL	24	6.28
MR5622	2 X 2	CI/PL X CI/PL	24	5.94
MR5633	3 X 3	CI/PL X CI/PL	18	8.01
MR5643	4 X 3	CI/PL X CI/PL	18	10.82
MR5644	4 X 4	CI/PL X CI/PL	24	10.05
DRAIN PIPING TO TUBULAR TRAP				
MRTC150	1 1/4" x 1 1/2"		24	2.81
MRDTC150	1 1/4" or 1 1/2" x 1 1/4" or 1 1/2"		24	3.83
MRDTC215	2" x 1 1/4" or 1 1/2"		24	5.10



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.	\$ 92.31
G12	IN-LINE	4.4 gal	3/4" NPTM	11"	15"	9 lbs.	137.38
ST25V	STAND	10.3 gal	1" NPTF	15 3/8"	19 1/4"	23 lbs.	370.07
ST30V	STAND	14.0 gal	1" NPTF	15 3/8"	23 7/8"	25 lbs.	325.53
ST42V	STAND	20.0 gal	1" NPTF	15 3/8"	31 5/8"	33 lbs.	386.91
500-050	3/4" Saddle Tapping Valve assembly kit for In-Line G5 and G12 models						51.68



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	\$ 34.70
444-11/4	1-1/4"	6	2-1/2	4	1/2 FIPT	1/8 FPS	1	35.77
445-11/2	1-1/2"	8	3-1/2	5	1/2 FIPT	1/8 FPS	1	76.45
446-2	2"	8	3-1/2	5	1/2 FIPT	1/2 FPS	1	87.15

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	\$ 12.69

Mini Trol® Part Number	Description	Connection	Ctn Qty	List Price
500	Mini Trol	1/2 Male	24	\$ 33.97



Tubing - Polyethylene



Polyethylene Tubing Features:

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

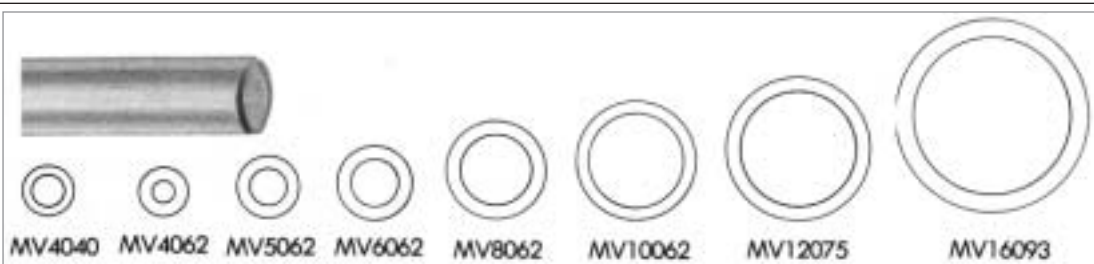
Physical Properties of Polyethylene Tubing

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

- 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'	\$ 13.74
MV4040-1		1/4"	.17"	0.04"	100'	13.74
MV4040-5		1/4"	.17"	0.04"	500'	68.68
MV4040M		1/4"	.17"	0.04"	1000'	137.36
MV4062-1		1/4"	1/8"(.125)	1/16"(.062)	100'	14.77
MV4062-5		1/4"	1/8"(.125)	1/16"(.062)	500'	73.84
MV4062M		1/4"	1/8"(.125)	1/16"(.062)	1000'	147.69
MV5062-1		5/16"	3/16"(.1875)	1/16"(.040)	100'	20.57
MV5062-5		5/16"	3/16"(.1875)	1/16"(.062)	500'	102.86
MV5062M		5/16"	3/16"(.1875)	1/16"(.062)	1000'	205.73
MV6062-1		3/8"	1/4"(.250)	1/16"(.062)	100'	24.40
MV6062-5		3/8"	1/4"(.250)	1/16"(.062)	500'	122.00
MV6062M		3/8"	1/4"(.250)	1/16"(.062)	1000'	251.14
MV8062-1		1/2"	3/8"(.375)	1/16"(.062)	100'	35.28
MV8062-5		1/2"	3/8"(.375)	1/16"(.062)	500'	176.40
MV10062-1		5/8"	1/2"(.500)	1/16"(.062)	100'	44.54
MV10062-5		5/8"	1/2"(.500)	1/16"(.062)	500'	222.72
MV12075-1		3/4"	.6	.075	100'	61.43
MV12075-5		3/4"	.6	.075	500'	355.36
MV16093-1		1"	.814	.093	100'	101.95
	TP308	1/4"	.17"	0.04"	100'	\$ 17.88
	TP309	5/16"	3/16"(.1875)	1/16"(.040)	100'	28.90
	TP310	3/8"	1/4"(.250)	1/16"(.062)	100'	38.15
	TP311	1/2"	3/8"(.375)	1/16"(.062)	100'	45.55

POLYETHYLENE TUBING SIZING GUIDE



American Granby Inc.™

In the United States:
In Canada:

www.americangranby.com
Phone (800) 776-2266 Fax (800) 729-3299
Phone (866) 503-5523 Fax (888) 562-2095

6/04

6.7



Physical Properties of Vinyl Tubing

100% Modulus of Elasticity.....	800 PSI
Durometer "A"	68
Tensile Strength.....	2000 PSI
Specific Gravity.....	1.20
Elongation.....	400%
Brittle Temperature.....	-40°F
Color.....	Crystal Clear
Odor.....	Slight
Taste.....	None
Toxicity.....	Non-Toxic
Aging Characteristics.....	Excellent

Applications:

- Pool slides
- RV use cold water
- Water softeners
- Ice maker
- Livestock
- Hobby and pet use

Vinyl Tubing Features:

- Flexible.
- Transparent.
- Tasteless.
- Non-Toxic.
- NOT FOR USE WITH HOT WATER

• **SOLD IN COIL LENGTHS ONLY.**
 • **ORDER BY THE NUMBER COIL LENGTHS REQUIRED.**
 Ex: For 500' of IV7062-5 order Qty 1 IV7062-5

Part Number						List Price
Bulk Box	Dispenser Box	OD	ID	Coil Wall	Length	Per Coil
IV4062-1		1/4"	1/8"(.125)	1/16"(.062)	100'	\$ 26.72
IV5062-1		5/16"	3/16"(.1875)	1/16"(.062)	100'	33.75
IV6062-1		3/8"	1/4"(.250)	1/16"(.062)	100'	42.17
IV7062-1		7/16"	5/16"(.3125)	1/16"(.062)	100'	42.71
IV7062-5		7/16"	5/16"(.3125)	1/16"(.062)	500'	213.55
IV7062M		7/16"	5/16"(.3125)	1/16"(.062)	1000'	427.10
IV8062-1		1/2"	3/8"(.375)	1/16"(.062)	100'	54.11
IV8062-5		1/2"	3/8"(.375)	1/16"(.062)	500'	270.57
IV8062M		1/2"	3/8"(.375)	1/16"(.062)	1000'	541.10
IV10062-1		5/8"	1/2"(.500)	1/16"(.062)	100'	73.94
	TV308	1/4"	1/8"(.125)	1/16"(.062)	100'	37.75
	TV309	5/16"	3/16"(.1875)	1/16"(.062)	100'	45.96
	TV310	3/8"	1/4"(.250)	1/16"(.062)	100'	53.24
	TV3105	7/16"	5/16"(.3125)	1/16"(.062)	100'	58.06
	TV311	1/2"	3/8"(.375)	1/16"(.062)	100'	75.19
	TV3125	5/8"	1/2"(.500)	1/16"(.062)	100'	89.10
	TV313	7/8"	5/8"	1/8"	50'	107.87
	TV314	1"	3/4"	1/8"	50'	118.74
	TV315	1 1/4"	1"	1/8"	50'	149.27
DR1	Shelf dispenser rack, Holds 6 sizes					464.64
DR2	Floor dispenser rack, Holds 17 sizes					1,296.73

VINYL TUBING SIZING GUIDE





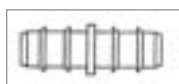
Fittings for Plastic Tubing - Brass

Barb Fitting Features:

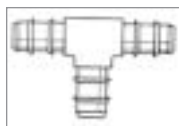
- Superior brass fittings for soft plastic tubing for oil, water, air, vacuum, gas and liquid low pressure lines.
- Exclusive self-clinching double barbs actually tighten under strain.

Compression Fitting Features:

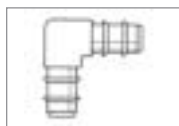
- Brass compression fittings designed for plastic tubing.
- Built-in tube support prevents tube collapse and allows easy assembly.



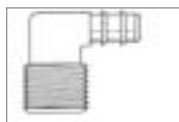
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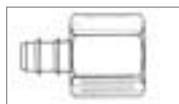
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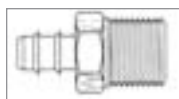
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VT229



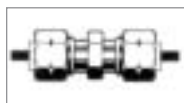
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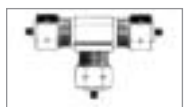
VT28

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Pkg Qty	List Price
Coupling (Ins x Ins)					
VT22-4-4	1/4"x1/4"	.17"		50	\$ 0.71
VT22-6-6	3/8"x3/8"	1/4"		50	0.97
VT22-8-8	1/2"x1/2"	3/8"		25	1.75
Tee (Ins x Ins x Ins)					
VT224-4	1/4" x 1/4" x 1/4"	.17"		100	2.68
VT224-6	3/8" x 3/8" x 3/8"	1/4"		100	2.99
VT224-8	1/2" x 1/2" x 1/2"	3/8"		50	6.82
Elbow (Ins x Ins)					
VT225-6-6	3/8"x3/8"	1/4"		100	4.29
Elbow (Ins x MIP)					
VT229-4-2	1/4"	.17"	1/8" MIP	100	1.95
VT229-4-4	1/4"	.17"	1/4" MIP	50	2.73
VT229-6-4	3/8"	1/4"	1/4" MIP	25	3.83
VT229-8-6	1/2"	3/8"	3/8" MIP	25	6.43
Female Adapter (Ins x FIP)					
VT26-4-2	1/4"	.17"	1/8" FIP	100	4.55
VT26-6-4	3/8"	1/4"	1/4" FIP	25	4.81
Male Adapter (Ins x MIP)					
VT28-4-2	1/4"	.17"	1/8" MIP	100	1.17
VT28-4-4	1/4"	.17"	1/4" MIP	100	2.34
VT28-6-4	3/8"	1/4"	1/4" MIP	50	2.60
VT28-8-6	1/2"	3/8"	3/8" MIP	25	4.74

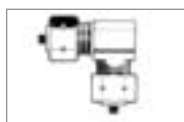
Fittings for Plastic Tubing - Brass



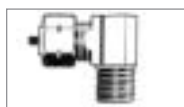
VT62



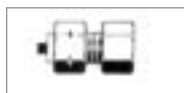
VT64



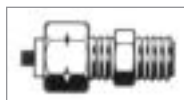
VT65



VT69



VT66



VT68



VT60



VT61



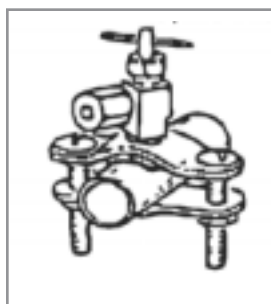
VT63

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Pkg Qty	List Price
Union w/ inserts (Comp x Comp)					
VT62-4	1/4" x 1/4"	.17"		10	\$ 2.72
VT62-6	3/8" x 3/8"	1/4"		10	4.62
Tee w/ inserts (Comp x Comp x Comp)					
VT64-4	1/4" x 1/4" x 1/4"	.17"		5	5.00
VT64-6	3/8" x 3/8" x 3/8"	1/4"		5	9.95
Elbow w/ inserts (Comp x Comp)					
VT65-4	1/4" x 1/4"	.17"		5	22.07
VT65-5	5/16" x 5/16"	3/16"		5	8.68
VT65-6	3/8" x 3/8"	1/4"		5	5.44
VT65-8	1/2" x 1/2"	3/8"		5	10.90
Male Elbow w/ inserts (Com x MIP)					
VT69-4-4	1/4"	.17"	1/4" MIP	10	5.08
VT69-6-4	3/8"	1/4"	1/4" MIP	10	6.18
VT69-8-8	1/2"	3/8"	1/2" MIP	5	8.53
Female Connector w/ inserts (Com x FIP)					
VT66-4-4	1/4"	.17"	1/4" FIP	10	2.80
VT66-6-4	3/8"	1/4"	1/4" FIP	10	3.53
VT66-8-8	1/2"	3/8"	1/2" FIP	5	3.49
Male Connector w/ inserts (Comp x MIP)					
VT68-4-4	1/4"	.17"	1/4" MIP	10	2.65
VT68-5-4	5/16"	3/16"	1/4" MIP	10	2.66
VT68-6-4	3/8"	1/4"	1/4" MIP	10	2.94
VT68-8-8	1/2"	3/8"	1/2" MIP	5	5.30
Delrin Sleeve					
VT60-4	1/4"			200	0.15
VT60-6	3/8"			200	0.32
VT60-8	1/2"			100	0.38
Nut					
VT61-4	1/4"			10	0.53
VT61-5	5/16"			10	0.43
VT61-6	3/8"			10	0.55
Tube Support					
VT63-4	1/4"	.17"		25	0.32
VT63-6	3/8"	1/4"		25	0.39
VT63-8	1/2"	3/8"		25	0.97





Brass Saddle Tap Valve and Kit



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 and 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	12	\$ 12.37
PFSTV	Saddle Tapping Valve Only fits 3/8" - 1" OD Copper tube or 3/8"-3/4" iron pipe	10	4.54



- To remove rust, iron and other contaminants from all types of water conditioning equipment.
- Wintergreen smell

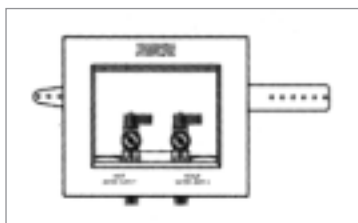
For use on

- Sinks
- Tubs
- Toilets
- Dishwashers
- Water softeners
- White clothing
- Brick, stone & concrete

Part Number	Description	Ctn Qty	List Price
IX24	Iron X, 24 oz.	12	\$ 8.42
IX5	Iron X, 5 lb.	6	24.49



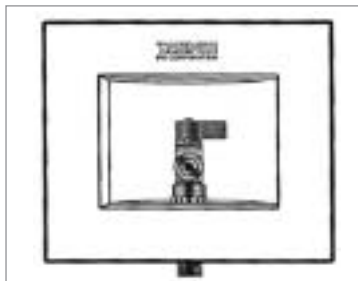
Washer & Ice Maker Boxes



Washer Box

Washer Box Features:

- Knock-out test cap molded into drain outlet.
- Box dimensions 8-1/4" x 6-1/8" x 3-3/4".
- Frame dimensions 10-3/16" x 8-13/16".
- 2" drain coupling accepts PVC or ABS Schedule 40.
- Hot and cold water designations molded in frame.
- Snap on frame.
- Chrome lever style valves.



Ice Maker Box

Ice Maker Box Features:

- Snap on faceplate.
- Contour design for easy valve access.
- All valves have 1/4" O.D. outlet.
- Box dimensions 5-3/4" x 4-7/8" x 3-1/2".
- Frame dimensions 8-1/4" x 7-5/16".

Part Number	Valve Connection	Valve Type	Drain	Color	Ctn Qty	List Price
Standard Washer Boxes						
82064	1/2" Sweat	1/4 turn ball installed	Center	white	10	\$30.61
82066	1/2" CPVC	1/4 turn ball installed	Center	white	10	34.94
82068	1/2" PEX	1/4 turn ball installed	Center	white	10	31.12
87204	Box only	No valve	Center	white	10	9.29
Dual Drain Washer Boxes						
82052	1/2" Sweat	1/4 turn ball installed	Dual	white	10	32.69
82054	1/2" CPVC	1/4 turn ball installed	Dual	white	10	35.97
82056	1/2" PEX	1/4 turn ball installed	Dual	white	10	34.79
85630	1/2" Sweat	Single Lever installed	Dual	white	10	50.97
85604	Box only	No valve	Dual	white	10	9.84
87314	1/2" Sweat	Side Outlet Boiler Drain		white		36.33
Ice Maker Boxes						
82088	1/2" Sweat	1/4 turn ball installed		white	10	21.65
82090	1/2" CPVC	1/4 turn ball installed		white	10	22.95
82092	1/2" PEX	1/4 turn ball installed		white	10	22.39
88008	Box Only	None		white	10	8.83

Closet Flanges & Gaskets



Wax Closet Gasket Features:

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



Part Number	Description & Material	Size	Ctn Qty	List Price
Wax Closet Gaskets				
AGWAX	Standard wax gasket	3", 4"	40	\$ 1.62
AGWAXH	Wax gasket w/Horn	3", 4"	24	2.08
AGWAXJ	Jumbo wax gasket 1 1/2"	3", 4"	20	3.82



Part Number	IPS Number	Description & Material	Size	Ctn Qty	List Price
Closet Flanges					
AG4830 KO ☺	86130	Combination w/ Knock-Out, PVC	3" x 4"	40	\$ 5.38
AG5830 KO ☺	86135	Combination w/ Knock-Out, ABS	3" x 4"	40	5.46
AG4830 2 ☺	86150	Combination w/out Pipe Stop, PVC	3" x 4"	40	4.92
AG5830 2 ☺	86155	Combination w/out Pipe Stop, ABS	3" x 4"	40	5.46
Closet Flanges with Metal Adjustable Ring					
AG4830 A	86165	Combination w/ Knock-Out, PVC	3" x 4"	40	10.72
AG5830 A	86170	Combination w/ Knock-Out, ABS	3" x 4"	40	11.32
AG4830 A2 ☺	86166	Combination w/out Pipe Stop, PVC	3" x 4"	40	10.08
AG5830 A2 ☺	86175	Combination w/out Pipe Stop, ABS	3" x 4"	40	10.58
Offset Closet Flanges					
AG4831	86180	Combination, PVC – White	3" x 4"	20	11.50
AG5831	86185	Combination, ABS – Black	3" x 4"	20	12.13

☺ City of Los Angeles Approved



Adjustable Urinal Flange Kit Features:

- Includes bolts, nuts, washers, and gaskets.
- Horizontal slots accommodate urinals with 3-1/2" to 7" mounting centers.
- Individually bagged.

Part Number	IPS Number	Description & Material	Size	Ctn Qty	List Price
Adjustable Urinal Flange Kits					
AG4832 1	86190	Kit for spigot joint, PVC	2"	20	\$ 26.73
AG5832 1	86195	Kit for spigot joint, ABS	2"	20	26.90
AG4832 2	86200	Kit for socket joint, PVC	2"	20	28.11
AG5832 2	86205	Kit for socket joint, ABS	2"	20	26.90



Shower/Floor Drains



General Purpose



File #2134



Fiberglass and
Acrylic Shower



File #2505



Receptor Base
Fiberglass Shower
Drain



File #3187



Commercial Roof
Drain



Low Profile Floor and
Shower Drain

Part Number	IPS Number	Description & Material	Size	Strainer Size	Ctn Qty	List Price
General Purpose Drains						
AG4000SP	85815	Stainless Steel Strainer, PVC	2" x 3"	4.25	20	\$ 7.39
AG4000SA	85820	Stainless Steel Strainer, ABS	2" x 3"	4.25	20	7.98
AG5000SP	85835	Stainless Steel Strainer, PVC	3" x 4"	4.9375	10	12.91
AG5000SA	85840	Stainless Steel Strainer, ABS	3" x 4"	4.9375	10	13.44
AG5000CP	85845	Chrome Brass Strainer, PVC	3" x 4"	4.9375	10	26.06
AG5000CA	85850	Chrome Brass Strainer, ABS	3" x 4"	4.9375	10	26.35
AG6000CP	85855	Chrome Brass Strainer, PVC	4"	5.375	10	33.74
AG6000CA	85860	Chrome Brass Strainer, ABS	4"	5.375	10	34.22
Fiberglass & Acrylic Shower Drain with Stainless Steel Strainer						
AG4800	86040	Solvent Weld Only, PVC	2"	4.3125	20	11.66
AG5800	86045	Solvent Weld Only, ABS	2"	4.3125	20	11.68
AG4800N	86050	No Caulk & Solvent Weld, PVC	2"	4.3125	20	15.56
AG5800N	86055	No Caulk & Solvent Weld, ABS	2"	4.3125	20	16.24
Receptor Base Fiberglass Shower Drain with Stainless Steel Strainer						
AG7000P		Solvent Weld Only, PVC	2"		20	12.06
Commercial Roof Drain						
AG9030P	86095	Plastic Drain w/ Cast Iron Dome, PVC	3"		1	92.62
AG9030A	86100	Plastic Drain w/ Cast Iron Dome, ABS	3"		1	95.55
AG9040P	86105	Plastic Drain w/ Cast Iron Dome, PVC	4"		1	97.66
AG9040A	86110	Plastic Drain w/ Cast Iron Dome, ABS	4"		1	100.56
Low Profile Floor and Shower Drain						
AG8000P	89406	Screw-on Stainless Steel Strainer, PVC	2" x 3"	4.25	20	16.49
AG8000A	89552	Screw-on Stainless Steel Strainer, ABS	2" x 3"	4.25	20	16.49



American Granby Inc.™

In the United States:
In Canada:

www.americangranby.com
Phone (800) 776-2266 Fax (800) 729-3299
Phone (866) 503-5523 Fax (888) 562-2095

6/04

6.15

Test Plugs, Caps



Combination Cleanout Test Plug Features:

- Economical, rust-proof and reusable.
- Positive sealing.
- Tests up to 50 feet of head pressure.



U.S. Patent #4,506,705
For Plastic Pipe Barrel

Part Number	IPS Number	Description	Size	Pipe ID	Ctn Qty	List Price
AGS152	86375	Tests 1-1/2" Sch. 40 DWV	1-1/2"	1.610"	50	\$ 4.82
AGS202	86385	Tests 2" Sch. 40 DWV	2"	2.067"	50	5.24
AGS302	86390	Tests 3" Sch 40. DWV	3"	3.068"	50	6.58
AGS402	86400	Tests 4" Sch 40. DWV	4"	4.026"	50	10.29
AGS601	86420	Tests 6" PVC DR-14	6"	5.914	50	16.08
AGS602	86425	Tests 6" Sch. 40 DWV	6"	6.065	50	16.08
AGS802	86435	Tests 8" PVC PSM (SDR 35)	8"	7.920	50	34.94



Techno-Cap™ Features:

- Heavy duty PVC, high pressure — test over six stories.
- Easily solvent cemented over end of DWV pipe.
- Will not clog or go down in pipe.

Techno-Cap is a trademark of IPS Corp



Part Number	IPS Number	Description	Size	Ctn Qty	List Price/c
AGTC1	87503	Tests 1-1/2" DWV Pipe	1-1/2"	100/BAG	\$ 69.00/c
AGTC2	87505	Tests 2" DWV Pipe	2"	100/BAG	75.00/c
AGTC3	87510	Tests 3" DWV Pipe	3"	50/BAG	109.00/c
AGTC4	87515	Tests 4" DWV Pipe	4"	25/BAG	112.00/c

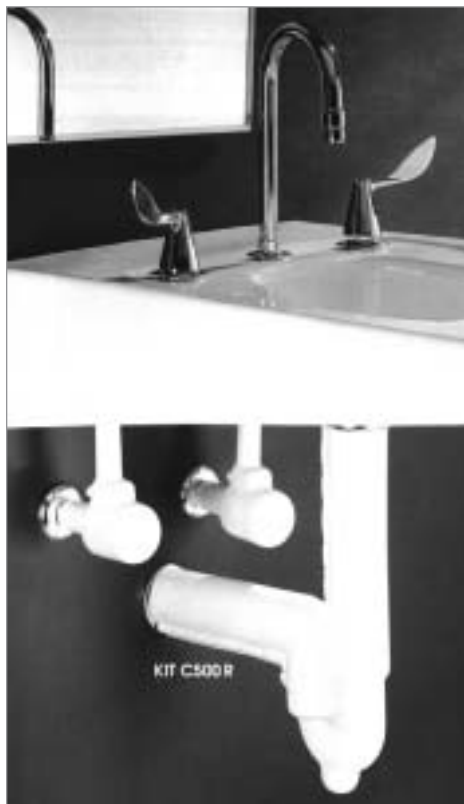


Plug-On Test Cap Features:

- Low pressure test cap.

Part Number	IPS Number	Description	Size	Ctn Qty	List Price/c
AG5817 P1-1/2"	85000	Tests 1-1/2" DWV Pipe	1-1/2"	100/BAG	\$25.00/c
AG5817 P2	85005	Tests 2" DWV Pipe	2"	50/BAG	27.00/c
AG5817 P3	85010	Tests 3" DWV Pipe	3"	25/BAG	38.00/c
AG5817 P4	85015	Tests 4" DWV Pipe	4"	20/BAG	56.00/c





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.



Formerly Brocar Products, Inc.



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.
- Additional colors available. Contact your customer service representative.
- 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	1	\$ 74.98
HC500RHS	Trap Wrap with extra sink bend	1	92.31
HC500RCW	Double Drain Trap Wrap	1	309.95

TrapWrap is a trademark of Brocar Products, Inc.



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

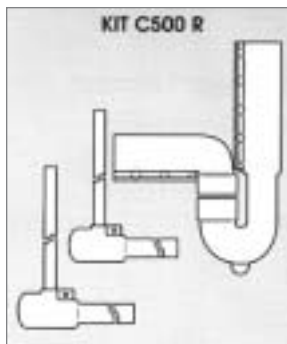
- Virtually seamless for enhanced appearance
- Reinstallable after service
- Highly tamper resistant
- Easily cleaned.



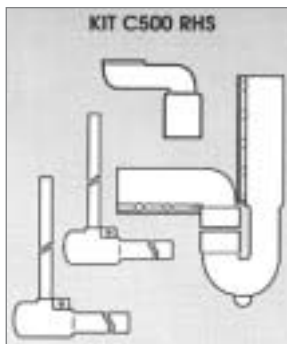


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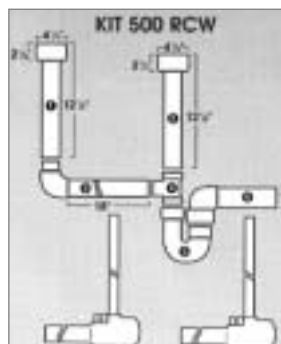
Formerly Brocar Products, Inc.



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.



Includes P-trap cover, 8" waste arm insulation, 18" waste pipe cover, T insulation piece to end or center waste applications, and (2) 12 1/2" tail piece covers for double bowl sink applications. NOTE: Specify end or center waste when ordering.

ASTM DATA

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

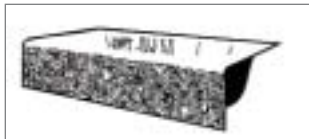
Sample Specification:

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



Bathtub Protector Features:

- Plastic liners with protective foam pad adhered to bottom.
- Protects bathtub during construction.

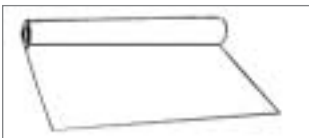
Part Number	Size D L W	Ctn Qty	List Price
AGTP1	14" x 60" x 30"	35	\$ 15.92



Tub Box Features:

- Large 7" deep box (13" x 13" Top OD)

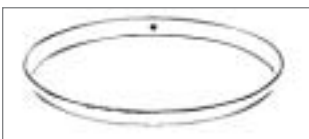
Part Number	Size D L W	Ctn Qty	List Price
TX1	7" x 13" x 13"	20	\$ 8.84



Shower Pan Liner Features:

- Gray PVC shower pan liner is 40 mil – One roll per case.
- Meets ASTM D-4551.

Part Number	Size	Ctn Qty	List Price
P445	4' x 50', 200 sq. ft.	1	\$ 400.92
P454	5' x 40' 200 sq. ft.	1	382.36



Plastic Water Heater Pan Features:

- Circular pans recommended for electric water heater protection.
- Pre-drilled with 1 1/2" drain.*
- Complies with SBCCI Section 1213.7.

*Add NH suffix to Stock Number for Undrilled Pan.

Part Number	ID Size/Top OD	Ctn Qty	List Price
AGHP2022	20"/22"	20	\$ 12.74
AGHP2224	22"/24"	20	13.10
AGHP2426	24"/26"	20	15.20
AGHP2628	26"/28"	10	17.86
AGHP3032	30"/32"	5	21.64



Hot Water Heater Stand Features:

- Durable galvanized steel stand recommended for gas water heat protection.

Part Number	Size	Ctn Qty	List Price
WHS1	21" x 21" x 18" high	1	\$ 62.38



Force Cup Features:

- 6 inch.
- Heavy duty deluxe plunger for general household use.
- Made of high grade rubber construction.
- Included is a 21" wooden handle.



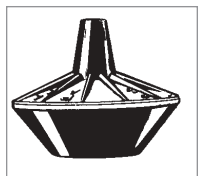
Universal Use Plunger Features:

- 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.



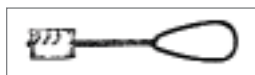
Chain Style Tank Balls

- Replacement for Kohler Flush Ball with chain and hook.

Part Number	Description	Ctn Qty	List Price
Force Cups			
HDPG	6" force cup	12	\$ 7.59
HUPG	6" universal use plunger	12	11.76
Tank Balls			
HFTB	Flapper Tank Ball	200	3.76
HSTB	Standard Tank Ball	125	3.10
HCTB	Chain Style Tank Ball	100	6.52



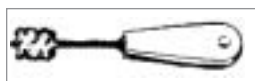
Solder Preparation Accessories



FB-E Series

Economy Fitting Brush Features:

- Galvanized stem wire with stainless steel bristles.



FB Series

Standard Fitting Brush Features:

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



TB Series

Hand Series Tube Cleaning Brush Features:

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

Part Number	Description	Ctn Qty	List Price
FB38E	3/8" Economy Fitting Brush	12	\$ 3.62
FB50E	1/2" Economy Fitting Brush	12	3.71
FB75E	3/4" Economy Fitting Brush	12	3.71
FB100E	1" Economy Fitting Brush	8	3.93
FB125E	1-1/4" Economy Fitting Brush	6	4.74
FB150E	1-1/2" Economy Fitting Brush	6	5.00
FB200E	2" Economy Fitting Brush	6	5.66
FB25	1/4" Standard Fitting Brush	12	4.69
FB38	3/8" Standard Fitting Brush	12	4.13
FB50	1/2" Standard Fitting Brush	12	4.08
FB75	3/4" Standard Fitting Brush	12	4.13
FB100	1" Standard Fitting Brush	12	4.39
FB125	1-1/4" Standard Fitting Brush	8	5.15
FB150	1-1/2" Standard Fitting Brush	6	5.46
FB200	2" Standard Fitting Brush	6	6.12
TB50	1/2" Tube Cleaning Brush	6	6.68
TB75	3/4" Tube Cleaning Brush	6	7.50
TB100	1" Tube Cleaning Brush	6	8.27



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	50 rolls	\$ 10.41
OM5	Open Mesh cloth	1 1/2" x 5 yards	10 rolls	15.87
OM10	Open Mesh cloth	1 1/2" x 10 yards	10 rolls	23.62



Hard Base Roof Flashing Features:

- Thermoplastic hard base with elastomer collar

Flexible Roof Flashing Features:

- Plastic base
- Do not use petroleum base mastics or sealing compounds of plastic base flashings

Aluminum Base Roof Flashing Features:

- 0.025 mil aluminum base with elastomer collar

Galvanized Base Roof Flashing Features:

- 24 gauge galvanized base with elastomer collar



Part Number	IPS Number	Description	Vent Size	Ctn Qty	List Price
Hard Base Roof Flashings					
Thermoplastic hard base with elastomer collar					
AGHB100	81750	11-1/8" x 15" Base	1-1/4", 1-1/2"	20	\$ 6.85
AGHB200	81755	11-1/8" x 15" Base	2"	20	7.02
AGHB300	81760	11-1/8" x 15" Base	3"	20	7.15
AGHB31	81700	11 1/8" x 15" Base	1 1/4, 1 1/2, 2, 3"	20	7.61
AGHB400	81765	12" x 15-1/2" Base	4"	20	9.64
All Flexible Roof Flashings					
AGFB100	81800	9" x 11-3/8" Base	1-1/4", 1-1/2"	20	7.35
AGFB200	81805	9" x 11-3/8" Base	2"	20	7.74
AGFB300	81810	10" x 13-1/4" Base	3"	20	9.20
AGFB400	81815	12" x 14-3/4" Base	4"	20	11.64
CAUTION: Do NOT use Petroleum Base Mastics or Sealing Compounds on Plastic Base (AGHB & AGFB) Flashings					
Aluminum Base Roof Flashings					
.025 mil. aluminum base with elastomer collar					
AGAB100	81900	8-3/4" x 12-1/2" Base	1-1/4", 1-1/2"	20	9.20
AGAB200	81905	8-3/4" x 12-1/2" Base	2"	20	9.82
AGAB300	81910	10-3/4" x 12-1/2" Base	3"	20	10.89
AGAB400	81915	12" x 16" Base	4"	20	13.30
Galvanized Base Roof Flashings					
24 gauge galvanized base with elastomer collar					
AGGB100	81850	8 3/4" x 12 1/2" Base	1 1/4", 1 1/2"	20	7.75
AGGB200	81855	8 3/4" x 12 1/2" Base	2"	20	8.21
AGGB300	81860	10 3/4" x 12 1/2" Base	3"	20	9.09
81710	81710	10 3/4" x 14 1/2" Base	1 1/4, 1 1/2, 2, 3"	20	7.86
AGGB400	81865	12" x 16" Base	4"	20	11.53
81712	81712	12" x 16" Base	3", 4"	20	8.93

Approvals:

- All roof flashings, except for AGFB4, are listed by

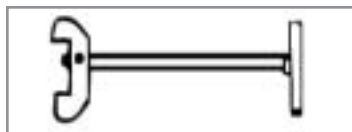


Report #93126

File #2326

City of Los Angeles Approved





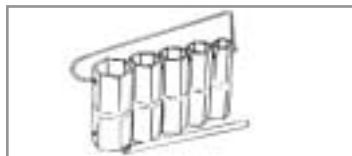
Garbage Disposal Wrench Features:

- Fits standard units.



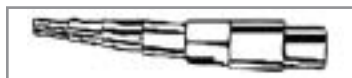
4-Way Key Features:

- For use on square stem 1/4", 9/32", 5/16", 11/32".



Tub and Shower Valve Socket Wrench Set Features:

- Set includes sockets, handle and wire.



Radiator Spud Wrench Features:

- For use when spud wrench or key is required.
- Plated.



4 Way Countersunk Plug Wrench Features:

- Steel construction.



Internal Pipe Wrench Features:

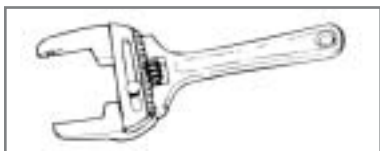
- Available in sizes 3/8", 1/2", 3/4" and 1".



Heavy Pattern Metal Utility Knife Features:

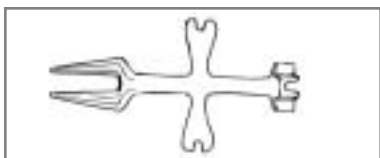
- Includes blade.

Part Number	Description	Ctn Qty	List Price
HGD10	Garbage disposal wrench	1	\$ 7.11
HK400	Four way key	6	3.86
HW500	Complete wrench set	1	15.29
HR	Radiator spud wrench	5	15.27
HP400	4 way plug wrench	1	19.77
HI380	3/8" internal pipe wrench	5	4.40
HI500	1/2" internal pipe wrench	5	4.62
HI750	3/4" internal pipe wrench	5	5.72
HI100	1" internal pipe wrench	5	10.50
HK50	Utility knife w/extra blade	12	4.75



Adjustable Strainer and Spud Wrench Features:

- Use for Basket Strainers and Closet Spud.
- Minimum 1" to Maximum 3".
- Plated.



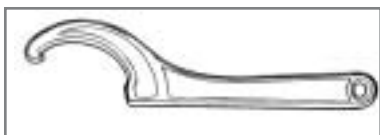
4-Way P.O. Plug Wrench Features:

- Plated.
- Use when installing or removing tub drains, P.O. plugs and basket strainers.



Strainer Wrench

- Plated steel.
- For use on basket strainers and tub drains with crossbars.
- Long handle for leverage.



Spanner and Strainer Wrench Features:

- Plated, malleable iron.
- For use on basket strainer jam nuts.

Part Number	Description	Ctn Qty	List Price
HAS300	Adjustable strainer wrench	10	\$ 12.25
HPO400	4-Way plug wrench	10	7.04
HS200	Strainer wrench	10	8.64
HS500	Spanner/strainer wrench	10	7.11



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

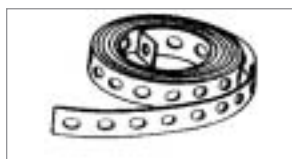
- Perforated hanger strapping
- 20 to 28 gauge
- 1/4" bolt holes
- 3/4" width



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	\$ 1.73
101-50	3/4" x 50' x 24 gauge	10	10.50
101-100	3/4" x 100' x 24 gauge	5	19.96
101-10-28	3/4" x 10' x 28 gauge	50	1.52
101-50-28	3/4" x 50' x 28 gauge	10	9.45
101-100-28	3/4" x 100' x 28 gauge	5	17.17
102 Series - Plastic Polypropylene			
102-10	3/4" x 10' x .05 gauge	BULK/100	3.15
102-25	3/4" x 25' x .05 gauge	1/20	3.94
102-50	3/4" x 50' x .05 gauge	1/20	10.50
102-100	3/4" x 100' x .05 gauge	1/10	18.91
100G Series - Galvanized or Zinc Plated			
100G-10-24	3/4" x 10' x 24 gauge	50	1.73
100G-50-24	3/4" x 50' x 24 gauge	10	10.50
100G-100-24	3/4" x 100' x 24 gauge	5	19.96
100G-10-28	3/4" x 10' x 28 gauge	50	1.52
100G-50-28	3/4" x 50' x 28 gauge	10	9.45
100G-100-28	3/4" x 100' x 28 gauge	5	17.17
100G-10-22	3/4" x 10' x 22 gauge	50	2.26
100G-50-22	3/4" x 50' x 22 gauge	10	13.81
100G-100-22	3/4" x 100' x 22 gauge	5	25.21
100G-10-20	3/4" x 10' x 20 gauge	50	2.55
100G-50-20	3/4" x 50' x 20 gauge	10	14.60
100G-100-20	3/4" x 100' x 20 gauge	5	28.10
100S Series - Steel Plain			
100S-10-24	3/4" x 10' x 24 gauge	50	1.48



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	\$ 2.43
604-3/4	3/4"	Copper Clad Nails	10	2.47
604-1	1"	Copper Clad Nails	10	3.12
604-1 1/4	1-1/4"	Copper Clad Nails	10	3.34
Copper Clad Van Hangers				
606-1/2	1/2"	Copper Clad Screw	20	1.95
606-3/4	3/4"	Copper Clad Screw	20	1.99
606-1	1"	Copper Clad Screw	20	2.30
Copper Tube Straps				
608-1/4	1/4"	Copper Clad Nails	100	0.24
608-3/8	3/8"	Copper Clad Nails	100	0.27
608-1/2	1/2"	Copper Clad Nails	100	0.29
608-3/4	3/4"	Copper Clad Nails	50	0.30
608-1	1"	Copper Clad Nails	50	0.46
608-1 1/4	1-1/4"	Copper Clad Nails	50	0.49
608-1 1/2	1-1/2"	Copper Clad Nails	50	0.59



Pipe Straps & Clamps

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	\$ 0.08
500-3/4	3/4"	100	0.09
500-1	1"	100	0.12
500-1 1/4	1 1/4"	100	0.33
Copper Clad Tube Straps, ONE HOLE			
510-1/4	1/4"	100	0.28
510-3/8	3/8"	100	0.28
510-1/2	1/2"	100	0.31
510-3/4	3/4"	100	0.33
510-1	1"	100	0.64
510-1 1/4	1 1/4"	50	1.37
510-1 1/2	1 1/2"	50	1.54
510-2	2"	50	1.78
Tube Tallon Clamp			
511-1/2	1/2"	100	0.21
511-3/4	3/4"	100	0.24
511-1	1"	50	0.74
Suspension Clamp			
513-1/2	1/2"	50	0.53
513-3/4	3/4"	50	0.63
Suspension Clamp			
515-1/2	1/2"	100	0.42
515-3/4	3/4"	100	0.45
515-1	1"	50	1.21

Pipe Straps



600 Series Galvanized Pipe Straps

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

603 Series Plastic Coated Pipe Straps

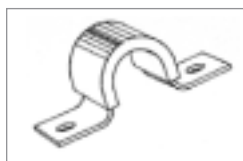
- 2 ear
- 1" - 2" sizes available

610 and 620 Series Galvanized Pipe Straps

- 1 ear
- 1" - 2" sizes available



600 Series



603 Series



610/620 Series

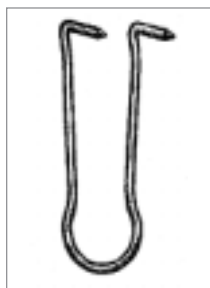
Part Number	Size	Ctn Qty	List Price
Galvanized Pipe Straps			
600-1/2	1/2"	100	\$ 0.11
600-3/4	3/4"	100	0.16
600-1	1"	50	0.25
600-1 1/4	1 1/4"	50	0.33
600-1 1/2	1 1/2"	50	0.39
600-2	2"	25	0.58
600-2 1/2	2 1/2"	25	0.95
600-3	3"	25	1.21
600-4	4"	25	2.00
Plastic Coated Pipe Straps			
603-1	1"	50	3.02
603-1 1/4	1 1/4"	50	3.15
603-1 1/2	1 1/2"	50	3.41
603-2	2"	25	3.68
603-3	3"	25	6.30
603-4	4"	25	7.88
603-6	6"	10	21.01
One Hole Pipe Straps			
610-1/4	1/4" Pipe	100	0.17
610-3/8	3/8" Pipe	100	0.22
610-1/2	1/2" Pipe	100	0.25
610-3/4	3/4" Pipe	100	0.43
610-1	1" Pipe	100	0.50
610-1 1/4	1 1/4" Pipe	100	0.63
610-1 1/2	1 1/2" Pipe	50	1.37
610-2	2" Pipe	50	1.61
One Hole EMT Straps			
620-1/2	1/2" EMT	100	0.24
620-3/4	3/4" EMT	100	0.26
620-1	1" EMT	100	0.33
620-1 1/4	1 1/4" EMT	100	0.57
620-1 1/2	1 1/2" EMT	50	0.83
620-2	2" EMT	50	1.61





Tube & Pipe Hooks

200 S Series Bright Steel
200 C Series Copper Clad



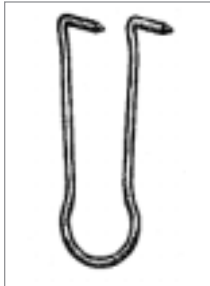
200S and 200C
Series

Part Number	Size (pipe x length)	Ctn Qty	List Price
Bright Steel			
200S-1/2X4	1/2" X 4"	50	\$ 0.20
200S-1/2X6	1/2" X 6"	50	0.22
200S-1/2X8	1/2" X 8"	50	0.27
200S-1/2X10	1/2" X 10"	50	0.51
200S-1/2X12	1/2" X 12"	50	0.57
200S-3/4X4	3/4" X 4"	50	0.20
200S-3/4X6	3/4" X 6"	50	0.22
200S-3/4X8	3/4" X 8"	50	0.28
200S-3/4X10	3/4" X 10"	50	0.51
200S-3/4X12	3/4" X 12"	50	0.57
200S-1X4	1" X 4"	50	0.20
200S-1X6	1" X 6"	50	0.22
200S-1X8	1" X 8"	50	0.28
200S-1X10	1" X 10"	50	0.51
200S-1X12	1" X 12"	50	0.57
200S-1 1/4X6	1 1/4" X 6"	50	0.37
200S-1 1/4X8	1 1/4" X 8"	50	0.45
200S-1 1/4X10	1 1/4" X 10"	50	0.51
200S-1 1/4X12	1 1/4" X 12"	50	0.57
200S-1 1/2X6	1 1/2" X 6"	50	0.37
200S-1 1/2X8	1 1/2" X 8"	50	0.45
200S-1 1/2X10	1 1/2" X 10"	50	0.51
200S-1 1/2X12	1 1/2" X 12"	50	0.57
200S-2X6	2" X 6"	50	0.37
200S-2X8	2" X 8"	50	0.45
200S-2X10	2" X 10"	50	0.51
200S-2X12	2" X 12"	50	0.57
Copper Clad			
200C-1/2X4	1/2" X 4"	50	0.24
200C-1/2X6	1/2" X 6"	50	0.27
200C-1/2X8	1/2" X 8"	50	0.33
200C-1/2X10	1/2" X 10"	50	0.63
200C-1/2X12	1/2" X 12"	50	0.69
200C-3/4X4	3/4" X 4"	50	0.24
200C-3/4X6	3/4" X 6"	50	0.27
200C-3/4X8	3/4" X 8"	50	0.33
200C-3/4X10	3/4" X 10"	50	0.63
200C-3/4X12	3/4" X 12"	50	0.69
200C-1X4	1" X 4"	50	0.24
200C-1X6	1" X 6"	50	0.27
200C-1X8	1" X 8"	50	0.33
200C-1X10	1" X 10"	50	0.63
200C-1X12	1" X 12"	50	0.69

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	\$ 0.27
200C-11/4X8	1 1/4" X 8"	50	0.33
200C-11/4X10	1 1/4" X 10"	50	0.63
200C-11/4X12	1 1/4" X 12"	50	0.69
200C-11/2X6	1 1/2" X 6"	50	0.43
200C-11/2X8	1 1/2" X 8"	50	0.47
200C-11/2X10	1 1/2" X 10"	50	0.63
200C-11/2X12	1 1/2" X 12"	50	0.69
200C-2X6	2" X 6"	50	0.43
200C-2X8	2" X 8"	50	0.47
200C-2X10	2" X 10"	50	0.63
200C-2X12	2" X 12"	50	0.69
Plastic Coated			
200P-1/2X4	1/2" X 4"	50	0.73
200P-1/2X6	1/2" X 6"	50	0.77
200P-1/2X8	1/2" X 8"	50	1.10
200P-1/2X10	1/2" X 10"	50	1.97
200P-1/2X12	1/2" X 12"	50	2.56
200P-3/4X4	1/2" Pipe* x 4"	50	0.73
200P-3/4X6	1/2" Pipe* x 6"	50	0.77
200P-3/4X8	1/2" Pipe* x 8"	50	1.10
200P-3/4X10	1/2" Pipe* x 10"	50	1.97
200P-3/4X12	1/2" Pipe* x 12"	50	2.56
200P-1X4	3/4" Pipe* x 4"	50	0.73
200P-1X6	3/4" Pipe* x 6"	50	0.77
200P-1X8	3/4" Pipe* x 8"	50	1.10
200P-1X10	3/4" Pipe* x 10"	50	1.97
200P-1X12	3/4" Pipe* x 12"	50	2.56
200P-11/4X6	1" Pipe * x 6"	50	1.40
200P-11/4X8	1" Pipe * x 8"	50	1.10
200P-11/4X10	1" Pipe * x 10"	50	1.97
200P-11/4X12	1" Pipe * x 12"	50	2.56
200P-11/2X6	1 1/4" Pipe * x 6"	50	1.40
200P-11/2X8	1 1/4" Pipe * x 8"	50	1.79
200P-11/2X10	1 1/4" Pipe * x 10"	50	1.97
200P-11/2X12	1 1/4" Pipe * x 12"	50	2.56
200P-2X6	1 1/2" Pipe * x 6"	50	1.40
200P-2X8	1 1/2" Pipe * x 8"	50	1.79
200P-2X10	1 1/2" Pipe * x 10"	50	1.97
200P-2X12	1 1/2" Pipe * x 12"	50	2.56

* 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.





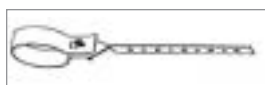
DWV Hanger - Galvanized

- Not plastic coated



Clevis

Part Number	Size	Ctn Qty	List Price
Light Clevis			
104-1/2	1/2"	100	\$ 1.42
104-3/4	3/4"	100	1.47
104-1	1"	100	1.52
104-1 1/4	1 1/4"	100	1.58
104-1 1/2	1 1/2"	100	1.73
104-2	2"	50	1.84
104-2 1/2	2 1/2"	25	3.20
104-3	3"	25	3.47
104-4	4"	25	4.88
Copperclad Clevis			
406-1/2	1/2"	100	1.63
406-3/4	3/4"	100	1.68
406-1	1"	100	2.00
406-1 1/4	1 1/4"	100	2.15
406-1 1/2	1 1/2"	100	2.31
406-2	2"	50	2.78
Standard Clevis, Black			
204-1/2	1/2"	100	1.63
204-3/4	3/4"	100	1.63
204-1	1"	100	1.73
204-1 1/4	1 1/4"	100	2.00
204-1 1/2	1 1/2"	100	2.10
204-2	2"	50	2.36
204-2 1/2	2 1/2"	25	4.20
204-3	3"	25	4.99
204-4	4"	25	5.78
204-5	5"	15	8.40
204-6	6"	10	9.98
204-8	8"	8	18.38
204-10	10"	BULK	38.08
204-12	12"	BULK	47.27
DWV Hanger - Galvanized			
120-1 1/2	1 1/2"	50	2.00
120-2	2"	50	2.12
120-3	3"	50	2.25
120-4	4"	50	2.49



DWV Hanger

Pipe Hangers



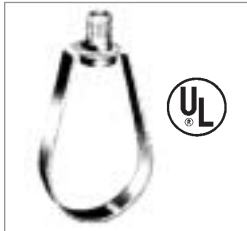
Adjustable Swivel Ring

- 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

Part Number	Size	Ctn Qty	List Price
Adjustable Swivel Ring, Galvanized			
300-1/2	1/2"	100	\$ 1.31
300-3/4	3/4"	100	1.31
300-1	1"	100	1.37
300-1 1/4	1 1/4"	100	1.37
300-1 1/2	1 1/2"	100	1.63
300-2	2"	100	1.73
300-2 1/2	2 1/2"	50	3.15
300-3	3"	50	3.68
300-4	4"	25	4.73
300-5	5"	20	6.83
300-6	6"	10	7.62
300-8	8"	10	8.93
Adjustable Swivel Ring, Copperclad			
301-1/2	1/2"	100	1.90
301-3/4	3/4"	100	1.94
301-1	1"	100	1.99
301-1 1/4	1 1/4"	100	2.04
301-1 1/2	1 1/2"	100	2.09
301-2	2"	100	2.28
Riser Clamp, Black			
108-1	1"	25	4.46
108-1 1/4	1 1/4"	25	5.25
108-1 1/2	1 1/2"	25	5.78
108-2	2"	25	6.30
108-2 1/2	2 1/2"	25	6.83
108-3	3"	25	7.35
108-4	4"	25	9.45
108-5	5"	15	13.92
108-6	6"	10	16.54
108-8	8"	BULK	39.18
108-10	10"	BULK	43.49
All Thread Rod			
900-1/4	1/4"	70	2.52
900-3/8	3/8"	25	3.68
900-1/2	1/2"	15	7.14
900-5/8	5/8"	9	11.55
900-3/4	3/4"	6	17.86
900-7/8	7/8"	4	38.87
900-1	1"	3	37.82



108 Riser Clamp



900 Rod

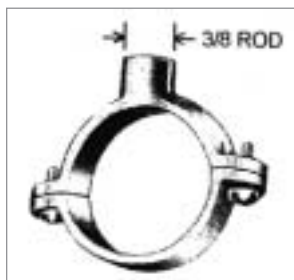




Split Ring Pipe Hangers

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



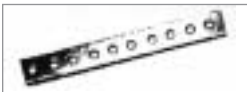
Split Ring Hangers

Part Number	Size	Rod Size	Ctn Qty	List Price
Split Ring Pipe Hanger, Black malleable				
202-3/8	3/8"	3/8"	50	\$ 2.73
202-1/2	1/2"	3/8"	50	2.73
202-3/4	3/4"	3/8"	50	2.84
202-1	1"	3/8"	50	3.15
202-1 1/4	1 1/4"	3/8"	25	3.89
202-1 1/2	1 1/2"	3/8"	25	4.73
202-2	2"	3/8"	25	5.04
Split Ring Pipe Hanger, Galvanized malleable				
385-3/8	3/8"	3/8"	50	3.05
385-1/2	1/2"	3/8"	50	3.05
385-3/4	3/4"	3/8"	50	3.26
385-1	1"	3/8"	50	3.73
385-1 1/4	1 1/4"	3/8"	25	4.46
385-1 1/2	1 1/2"	3/8"	25	6.25
385-2	2"	3/8"	25	5.78
385-2 1/2	2 1/2"	1/2"	25	13.13
385-3	3"	1/2"	25	15.76
385-4	4"	1/2"	25	21.01
Split Ring Pipe Hanger, Copper Clad, Malleable				
485-3/8	3/8"	3/8"	50	2.42
485-1/2	1/2"	3/8"	50	2.42
485-3/4	3/4"	3/8"	50	2.47
485-1	1"	3/8"	50	2.78
485-1 1/4	1 1/4"	3/8"	25	3.31
485-1 1/2	1 1/2"	3/8"	25	3.41
485-2	2"	3/8"	25	4.04
485-2 1/2	2 1/2"	1/2"	25	13.13
485-3	3"	1/2"	25	15.76
485-4	4"	1/2"	25	21.01

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	\$ 4.57
220-2	2"	50	4.83
220-3	3"	50	5.38
220-4	4"	50	5.93
220-6	6"	25	15.76
DWV Extension Bar			
221-3	16 gauge x 3'	25	1.90
Stop Keys			
413-6	6'	6	65.86
413-8	8'	6	87.88
413-10	10'	6	102.51
Ceiling Flanges			
208-3/8BT	3/8" bolt thread, malleable iron	100	1.47
389-1/4PT	1/4" pipe thread, galvanized	100	1.58
389-3/8BT	3/8" bolt thread, galvanized	100	1.58
389-1/2BT	1/2" bolt thread, galvanized	100	3.32
489-3/8BT	3/8" bolt thread, copper clad	100	1.73
C Clamps			
122-1/4	For Pipe Sizes	Fits Rods Size	
122-1/4		1/4" without locknut	50 2.24
122-3/8	1/2" - 2"	3/8" without locknut	100 2.31
122-1/2	2 1/2" - 3 1/2"	1/2" without locknut	100 2.63
123-3/8	1/2" - 2"	3/8" with locknut	100 2.42
123-1/2	2 1/2" - 3 1/2"	1/2" with locknut	100 2.89
123-5/8	4" - 5"	5/8" with locknut	50 6.30
123-3/4	6"	3/4" with locknut	50 14.22
Top Beam Clamp, 3/4" Standard Opening			
125-3/8	3/8" rod	100	2.10
125-1/2	1/2" rod	100	2.6



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.

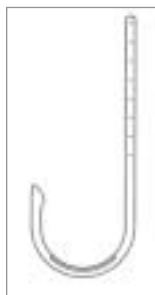


602 Series

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	\$ 2.42
601-3/4	3/4"	1/2"	Wood Screws	10	3.02
601-1	1"	1/2"	Wood Screws	10	3.48
601-1 1/4	1-1/4"	1/2"	Wood Screws	10	4.19
601-1 1/2	1-1/2"	1/2"	Wood Screws	10	4.54
601-2	2"	1/2"	Wood Screws	10	4.82
Insulated Strap Hangers					
		Hanger Length			
602-1/2x6	1/2"	6"	Copper Clad Nails	25	3.42
602-1/2x12	1/2"	12"	Copper Clad Nails	25	3.88
602-3/4x6	3/4"	6"	Copper Clad Nails	25	3.49
602-3/4x12	3/4"	12"	Copper Clad Nails	25	3.93
602-1x6	1"	6"	Copper Clad Nails	25	3.55
602-1x12	1"	12"	Copper Clad Nails	25	3.97
602-1 1/4x6	1-1/4"	6"	Copper Clad Nails	25	3.57
602-1 1/4x12	1-1/4"	12"	Copper Clad Nails	25	4.02



931 Series

J-Hooks

- ABS Plastic construction allows for expansion and contraction and suspends piping securely.



Part Number	Description	Mounting Hardware Incl	Ctn Qty	List Price
J-Hooks				
93140	5" Shank for 1/2" CTS	nails	400	\$ 1.33
93142	5" Shank for 3/4" CTS	nails	400	1.43
93144	5" Shank for 1" CTS	nails	400	1.48
93150	8" Shank for 1 1/2" DWV	nails	200	1.72
93155	8" Shank for 2" DWV	nails	200	1.80
93160	8" Shank for 3" DWV	nails	200	1.80

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.



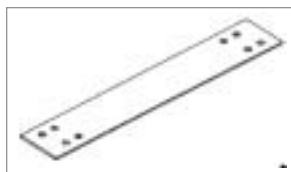
612 Series

612 Series Beam Hanger Features:

- Excellent for leveling DWV and PVC drainage pipe.
- Copper clad steel with mounted matching screw and fiber washer.
- Copper clad 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	\$ 2.01
603-1/2x12	1/2"	12"	Copper Clad Nails	25	2.14
603-3/4x6	3/4"	6"	Copper Clad Nails	25	2.03
603-3/4x12	3/4"	12"	Copper Clad Nails	25	2.49
603-1x6	1"	6"	Copper Clad Nails	25	2.03
603-1x12	1"	12"	Copper Clad Nails	25	2.53
603-1 1/4x6	1-1/4"	6"	Copper Clad Nails	25	2.04
603-1 1/4x12	1-1/4"	12"	Copper Clad Nails	25	2.52
603-1 1/2x6	1-1/2"	6"	Copper Clad Nails	25	1.84
603-1 1/2x12	1-1/2"	12"	Copper Clad Nails	25	2.52
603-2x6	2"	6"	Copper Clad Nails	25	1.89
603-2x12	2"	12"	Copper Clad Nails	25	3.04
603-2 1/2x12	2-1/2"	12"	Copper Clad Nails	25	3.06
603-3x12	3"	12"	Copper Clad Nails	25	3.44
603-4x12	4"	12"	Copper Clad Nails	25	3.47
Beam Hangers					
612-1 1/2	1-1/2"	12"	Copper Clad Nails	25	2.73
612-2	2"	12"	Copper Clad Nails	25	3.25
612-3	3"	12"	Copper Clad Nails	25	3.66
612-4	4"	12"	Copper Clad Nails	25	3.37

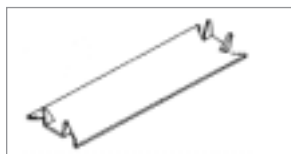




918/916/913 FHA Plates

918, 919, 916 and 913 FHA Plates

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



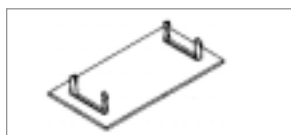
530 & 531 Stud Guards

530 Stud Guards

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

531 Stud Guards

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



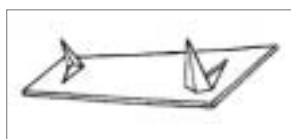
920 Stud Guards

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	\$ 0.55
918-11/2X12	1 1/2" X 12", 18 gauge	50	0.66
918-11/2X18	1 1/2" X 18", 18 gauge	50	1.16
916-11/2X9	1 1/2" X 9", 16 gauge	50	0.66
916-11/2X12	1 1/2" X 12", 16 gauge	50	0.84
916-11/2X18	1 1/2" X 18", 16 gauge	50	1.37
913-11/2X9	1 1/2" X 9", 13 gauge	50	1.00
913-11/2X12	1 1/2" X 12", 13 gauge	50	1.56
913-11/2X18	1 1/2" X 18", 13 gauge	50	2.32
919-3X9	3" X 9", 18 gauge	50	1.08
919-3X12	3" X 12", 18 gauge	50	1.42
919-3X18	3" X 18", 18 gauge	50	2.36
Stud Guards			
530-11/2X3	1 1/2" X 3", 18 gauge	100	0.19
530-11/2x5	1 1/2" x 5", 18 gauge	100	0.28
530-11/2X6	1 1/2" X 6", 18 gauge	100	0.33
531-11/2X3	1 1/2" X 3", 20 gauge	100	0.17
531-11/2x5	1 1/2" x 5", 20 gauge	100	0.26
531-11/2X6	1 1/2" X 6", 20 gauge	100	0.25
920-11/2X3	1 1/2" x 3", 19 gauge	100	0.17
920-11/2X6	1 1/2" X 6", 19 gauge	100	0.26
922-11/2X3	1 1/2" x 3", 20 gauge	100	0.19
922-11/2X6	1 1/2" X 6", 20 gauge	100	0.26

