

R.F. Williams, Michigan Master Plumber, License No. 04287 (left), and **R.M. Williams**, Michigan Master Plumber, License No. 05275 (right)

In the late 1950's, Robert F. Williams got the idea of utilizing plastics for plumbing systems which could be installed by individuals possessing no plumbing skills, and, as a consequence, Genova was born.

Williams' background as a licensed master plumber as well as an expert in the field of plastics made him eminently qualified to dispel the mysteries of plumbing to the average homeowner. Williams' goal was to make home plumbing something that homeowners could easily do themselves.

Since that early beginning, complete lines of Genova pipe and fittings have been developed by the senior Williams and his son, R.M. Williams, current Genova chairman and also a licensed master plumber.

Mr. Williams lived to see his goal reached before he died in 1992. Vinyl plumbing is not only easy to install, but the pure virgin vinyl utilized in Genova products lasts longer and works better than other plumbing systems. The company has continued to diversify into other labor saving products such as vinyl raingutters, fencing, vinyl wire management, decking, railing & lattice.

Genova has grown from the idea of a single entrepreneur into a dedicated group of people committed to serving the needs of do-it-yourselfers everywhere and those dealers who serve them. The corporate motto is "The People Who Get It Done!" and every employee is committed to the pursuit of that goal.

For do-it-yourselfers as well as pros, Genova is the only way to go in home plumbing and vinyl building materials.

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800.521.7488 or 810.744.4500 Fax: 810.744.3130 www.genovaproducts.com • inquiry@genovaproducts.com 8 a.m. to 5 p.m. - Eastern Standard Time (Monday-Friday)

After business hours please leave a phone message and we will return your call on the next business day.

Solvent welding is the most economical and safest way to install plumbing pipe and fittings. Used to join ABS, CPVC, PVC, and Styrene.

- All solvents come with daubers.
- Genova is the only plumbing manufacturer that distributes its own brand of solvent cements.



Solvent Cement Requirements
(Average # of Solvent Welded Joints)

Pipe/Fitting Size 1/4 Pint Pint 1/2" 255 63 3/4" 42 170 11/2" 17 68 2" 9 38 3" 7 30 5 4" 21

The above figures are estimates and will vary with individual applications

Material	NovaClean [®] Cleaner/Primer	All Purpose Cement	NovaWeld® C	NovaWeld® P	ArcticWeId® P	ABS Cement	Professional Purple Primer	One Step Clear Cement	One Step CPVC Yellow Cement
ABS	R	R	-	ı	-	R	ı	-	-
CPVC	R	R	R	-	-	-	R	R	R
PVC	R	R	-	R	R	-	R	-	-
STYRENE	R	R	-	R	R	R	-	-	-
PEX/PB	-	-	-	-	-	-	-	-	-
R=Recommend	R=Recommended								
NSF LISTED	NO	NO	YES	YES	NO	YES	YES	YES	YES
ASTM	NA	F493	F493	D2564	D2564	D2235	F656	F493	F493

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SOLVENTS & ROOF FLASHINGS

Pkg.

Qty.

Box

Qty.

Box

Wt.

PROFESSIONAL PURPLE PRIMER

Part#



Desc.

13110	1/4 Pint	4 oz.	12	4
13111	1/2 Pint	8 oz.	10	6
13115	Pint	16 oz.	6	7
13120	Quart	32 oz.	4	9

Pkg.

Qty.

Box

Qty.

Box

Wt.

Size

Recommended for use with PVC and CPVC, in areas where a colored primer is required by local plumbing codes.

NOVACLEAN® CLEANER/PRIMER



14010	1/4 Pint	4 oz.	12	4
14011	1/2 Pint	8 oz.	10	6
14015	Pint	16 oz.	6	7
14020	Quart	32 oz.	4	9

Recommended for use with PVC, CPVC, ABS and Styrene. Also known as the "Universal" cleaner.

NOVAWELD® C CEMENT (ORANGE)



<u>14110</u>	1/4 Pint	4 oz.	12	5
14111	1/2 Pint	8 oz.	10	7
<u>14115</u>	Pint	16 oz.	6	8

Recommended for CPVC. Can be used on PVC, ABS and Styrene.

ARCTICWELD® P CEMENT (COLD WEATHER)



14415	Pint	16 oz.	6	8
14420	Quart	32 oz.	4	10

Recommended for use in freezing temperature with PVC. Can be used on ABS.

NOVAWELD® P CEMENT



<u>14910</u>	1/4 Pint	4 oz.	12	<u>5</u>
14911	1/2 Pint	8 oz.	10	7
14915	Pint	16 oz.	6	8
14920	Quart	32 oz.	4	10

Recommended for PVC and Styrene. Can be used on ABS.

ONE STEP CLEAR CEMENT



15010C	1/4 Pint	4 oz.	12	5
15011C	1/2 Pint	8 oz.	10	7
15015C	Pint	16 oz.	6	8

Recommended for solvent welding Chlorinated

Part# **ALL PURPOSE CEMENT**



Desc.

_	7 4 4 1 1 1 1 1				
1	5010	1/4 Pint	4 oz.	12	5
1	5011	1/2 Pint	8 oz.	10	7
1	5015	Pint	16 oz.	6	8
1	5020	Quart	32 oz.	4	10

Recommended for solvent welding CPVC, PVC, ABS or Styrene. Also known as the "Universal" cement.

UNCOPPER PRO® ONE STEP CPVC YELLOW CEMENT

Size



15210	1/4 Pint	4 oz.	12	5		
15211	1/2 Pint	8 oz.	10	7		
15215	Pint	16 oz.	6	8		
Passammended for one stop solvent wolding						

Recommended for one-step solvent welding CPVC.

ABS CEMENT



	16010	1/4 Pint	4 oz.	12	4		
3	16011	1/2 Pint	8 oz.	10	6		
	16015	Pint	16 oz.	6	7		
	16020	Quart	32 oz.	4	9		
Recommended for use with ABS and Styrene							

"SNAP-FIT®" THERMOPLASTIC ROOF FLASHINGS



14661	11/4" - 2"	10	5
14562	2"	10	9
14563	3"	10	9
14564	4"	10	9

These weatherproof thermoplastic flashings, featuring a replacement boot, provide a permanent seal around plumbing vent pipes. Manufactured totally from corrosion proof materials. They eliminate shingle staining problems. Can be used on all types of plumbing pipes and electrical conduit. Base dimensions (14661) 8½" x 11¾", (14562-64) 12" x 16".

Tubular products are made of polypropylene and are used for drainage applications from the fixture to the drain pipe.



- Polypropylene is heat and chemical resistant and outperforms metal and plastic alternatives.
- Install Tubular products using slip joints, do not solvent weld.
- Use silicone sealant or plumber's putty on all slip jamnut washer connections.
- All Tubular parts come merchandised in colored bags with installation instructions and bar codes.
- Refer to the 700 and 800 series product lines for Sch. 40 PVC and ABS traps and trap adapters.

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POLYPROPYLENE TUBULAR PRODUCTS

Desc.	Part#	Size	Pkg.	Box	Box	Desc.	Part#	Size	Pkg.	Box	Box Wt.
FLANGED	TA II DIECE		Qty.	Qty.	Wt.	OO° CLID C	CUDIED		Qty.	Qty.	Wt.
FLANGED	186041	1½" x 1¼"		5	1	90° SLIP C	138701	11/2"/11/4"		5	1
	138061	1½" x 6"		5	<u> </u>			le 1½" x 1¼" wash	er includ	ded. C	an '
	138121	1½" x 12"		5	2		•	d to connect 1½"			
		irectly to sink strain	ners to	extend				well as adapt fron			
	drain tubes	•					•	llows for changes i			b
\bigcup							realignme	ent of exposed tub	ular pip	ing.	
<u>ADJUSTAI</u>	BLE TAILPIEC										
	137501	11/4" x 6"		5	_1	TEE SLIP C					_
	138501	1½" x 6"		5	_1		138801	1½"/1½"		5	2
$M \cap I$	138301	1½" x 12"	-44	5	2		•	le 1½" x 1¼" wash			an
	to Tubular 1	tend drain tubes, a	attacne	s airect	ıy			d to connect 1½" well as adapt fron			
	to lubular	ialipiece.					•	onnects multiple si			into
DISHWAS	HER TAILPIE	CF (INLET)					a single d	•	IIKS OI V	ariiues	iiito
<u> </u>	138401	1½" x 8" x 7/8'	ı	5	2		u 3111510 u	ii dii i.			
		ooking up automat			<u> </u>	45° SLIP C	OUPLER				
		xposed sink drains					138901	11/2"/11/4"		5	2
	not employ	ing a garbage disp	posal. I	Branch			Adaptabl	le 1½" x 1¼" wash	er includ	ded. C	an
\bigcirc	accepts 7/8	8" I.D. discharge ho	ose or r	ubber			be utilize	d to connect 1½"	tubes, 1	1/4"	
	dishwasher	drain connectors					•	well as adapt fron			
								oupler allows for c	_		
<u>DISHWAS</u>		SAL CONNECTOR Y		<u>APS</u> _	•		and realig	gnment of exposed	d tubula	r piping	3∙
	138451	1"/7/8" x 7/8"/5		5 inlot o	<u>2</u>	WACHDAG	CINI I DENIE				
	disposal un	dishwasher hose	to drain	i iniet o	r	WASHBAS	<u>SIN J-BEND</u> 171121	<u>•</u> 1½"		5	1
	disposai ui	IIC.					•	conventional wash	hasin L	Rends	
DISPOSER	KIT						Replaces	Conventional wasi	ioasiii J-	Dellas.	
	138471	1½" x 15"		10	4						
	Fits any dra	in system. Design	ed to c	onnect		J-BEND					
		mpartment sinks th					<u>171161</u>	11/2"/11/4"		5	2
	Garbage Di	isposal into a singl	e trap.	This			Adaptabl	le 1½" x 1¼" wash	er includ	ded. C	an
	•	can be assemble		•			be utilize	d to connect 1½"	tubes, 1	1/4"	
		d disposal. Featur	es a bat	fle in th	ne			well as adapt fron			
	tee to prev	ent back ups.					tubes. Re	eplaces convention	nal sink t	raps.	
	-					WACHBA	CINI D TD A D				
BAFFLE TE	<u>E</u> 186301	11/2"		5	2	<u>МАЭПВАЗ</u>	<u>SIN P-TRAP</u> , <u>175141</u>	1½"		10	3
	_	nnect garbage dis	nosal d	lischard				washbasin to DW\	/ nining		<u> </u>
		n sink drain, using 1	•	_		1	Connects	wasiioasiii to Dw v	bibilig	System	1.
		ents disposer disc			J .	SINK P-TR	AP				
	•	into the other sinl	_				175151	11/2"/11/4"		5	2
	3							le 1½" x 1¼" wash	er inclu	ded. C	an
SLIP COU	PLER							d to connect 1½"			
	138601	11/2"/11/4"		5	1			well as adapt fron			
		11/2" x 11/4" washe			า		tubes. Co	onnects sink to DW	V piping	g syster	n.
		to connect 1½" to							_		
		vell as adapt from	1½" to	11/4"		SINK P-TR		NSITION ADAPTE	<u>R</u>		
	tubes.						175161	1½"/1½"	t I	25	10
								le 1½" x 1¼" wash			an
								d to connect 1½"			
								well as adapt fron			m
							tudes. Co	onnects sink to DW	A bibilité	z systeľ	11.

POLYPROPYLENE TUBULAR PRODUCTS

Desc. Part# Size Pkg. Box Box Desc. Part# Size Qty. Qty. Wt.

P-TRAP W/SOLVENT WELD ELBOW



176151 1½" x 1½"/1½" 5 2

Adaptable $1\frac{1}{2}$ " x $1\frac{1}{4}$ " washer included. Can be utilized to connect $1\frac{1}{2}$ " tubes, $1\frac{1}{4}$ " tubes, as well as adapt from $1\frac{1}{2}$ " to $1\frac{1}{4}$ " tubes. Furnished with special PVC elbow to allow solvent welding directly to $1\frac{1}{2}$ " Sch. 40 pipe.

ANTI-SIPHON P-TRAP (BUILT IN VENT)



178151 1½" 10 6
Combines the NovaVent™ anti-siphon valve
and P-trap into a compact single unit. The
anti-siphon trap provides a simple way of
solving waste pipe drainage problems caused

by inadequate plumbing system venting.

Replaces almost any current fixture trap.

S-TRAP



177141	11/4"	5	3
177151	11/2"/11/4"	5	4

Used in kitchen sink and washbasin applications where plumbing connection is made at floor. Adaptable $1\frac{1}{2}$ " x $1\frac{1}{4}$ " washer included in P/N 177151. Can be utilized to connect $1\frac{1}{2}$ " tubes, $1\frac{1}{4}$ " tubes, as well as adapt from $1\frac{1}{2}$ " to $1\frac{1}{4}$ " tubes.

END OPENING CONTINUOUS WASTE





186001 1½" 5 3

Connects double compartment sinks into a single trap located to one side under the sink. Can be assembled directly to sink strainers or tailpiece pipes. Features a removable baffle.

CENTER OPENING CONTINUOUS WASTE

(ADJUSTABLE - DIRECT CONNECT)



86101 1½" 5

Connects double compartment sinks into a single trap located in the center under the sink. Connects directly to sink strainers or tailpiece pipes.

BATHTUB TRIP LEVER WASTE





Made of heavy-duty PVC with chrome plated face plate and strainer. Easy to install, it adjusts to any standard size bathtub.

PVC DYNAMIC DUO™ TRAP ADAPTER



722151 1½" x 1½"/1½" 5

Pkg.

Qty.

Box

Qty.

Box

Wt.

Adaptable $1\frac{1}{2}$ " x $1\frac{1}{4}$ " washer included. Can be utilized to connect $1\frac{1}{2}$ " tubes, $1\frac{1}{4}$ " tubes, as well as adapt from $1\frac{1}{2}$ " to $1\frac{1}{4}$ " tubes. Solvent welds to $1\frac{1}{2}$ " Sch. 40 drain pipe and connects via slip jamnut to either $1\frac{1}{2}$ " or $1\frac{1}{4}$ " tubular traps. Eliminates the need for stocking extra trap adapter configurations.

SLIP JAMNUT



147141	11/4"		10	1
147151	11/2"		10	1

Interchanges with metal or plastic jamnuts. Special design allows tightening without tools.

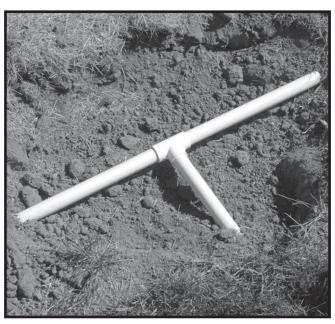
ASSORTED SLIP WASHERS



148001 10

Ideal for sealing applications when used with slip jamnuts. Package assortment includes: (2)-1½" Flat Washers, (2)-1½" x 1½" Reducing Washers, (2)-1½" Slip Washers, and (2) $1\frac{1}{4}$ " Slip Washers.

PVC Pressure Pipe and Fittings are used in cold water pressure applications. Schedule 40 is used in applications such as irrigation, underground residential sprinkler systems, water service pipe, deionized water lines, swimming pool installations, and some chemical drainage systems. Sch. 80 fittings are used with chemical processing, industrial plating, chilled water distribution, chemical drainage, and other high pressure fluid applications.



Pressure Pipe

- *SDR Pipe meets ASTM D2241
- *Sch. 40 PVC Pipe meets ASTM D1785
- *Sch. 80 PVC Pipe meets ASTM D1785
- "Sch. 40 PVC Pipe $1\frac{1}{2}$ " and larger is dual rated for pressure (ASTM D1785) and drainage (ASTM D2665) applications.
- *Belled pipe ends meet ASTM D2672 (Pipe measures 20' before belling)
- *NSF Listed (except class rated pipe)

•Sch. 40 Pressure Fittings

- *Meets ASTM D2466
- *NSF Listed

•Sch. 80 Pressure Fittings

*Meets ASTM D2467

*NSF Listed

- Pipe diameters are the same as iron pipe. (IPS=Iron Pipe Size)
- Solvent weld joints.
- Pressure pipe and fittings are for use in the distribution of pressurized fluids only,
 which are chemically compatible with the piping materials.
- Pipe produced to a Standard Dimensional Ratio (SDR) has a wall thickness that is proportional to its diameter and all sizes have the same pressure rating; the pressure rating for Schedule pipe decreases as the diameter increases.

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Part#	Size			Pressure Rating at 73° F (PSI)	Bdl. Qty. (Igths.)	Skid Qty. (Igths.)	Bdl. Wt. (lbs.)
30005	1/2" x 20'	(SDR 13.5)	Belled End	315	10	240	21
31005	1/2" x 10'	(SDR 13.5)	Plain End	315	10	480	<u>11</u>
30007	3/4" x 20'	(SDR 21)	Belled End	200	10	200	<u> 26</u>
31007	3/4" x 10'	(SDR 21)	Plain End	200	10	400	13
					10		34
							<u>17</u>
	11/4" x 20'				5		<u> 26</u>
							<u>13</u>
							34
							<u>17</u>
							<u>53</u>
							27
							33
							17
							33
							43
							<u>22</u>
							43
							<u>65</u>
							33 65
							44
							<u>44</u> 22
							44
							<u>54</u>
							<u> </u>
							73
							35
							<u>56</u>
							<u> </u>
							21
							11
							28
							14
							43
	3" x 20'						93
34042	4" x 20'	(SDR 26)	Belled End	160	5		146
35022	2" x 10'	(SDR 26)	Plain End	160	5	150	22
33010	1" x 10'	(Class 125)	Plain End	125	10	240	12
33011	11/4" x 10'	(Class 125)	Plain End	125	5	180	11
32012	1½" x 20'	(Class 125)	Belled End	125	5	200	25
33012	1½" x 10'	(Class 125)	Plain End	125	5	200	13
32022	2" x 20'	(Class 125)	Belled End	125	5	150	38
33022	2" x 10'	(Class 125)	Plain End	125	5	150	<u> 19</u>
	30007 31007 31007 30010 31010 30011 31011 30012 31012 30022 31022 300057 310057 300058 300077 310077 300078 300107 310107 300108 300117 300118 300117 300118 300127 70011 300227 70021 310257 34011 35011 34012	30007 3/4" x 20' 31007 3/4" x 10' 30010 1" x 20' 31010 1" x 10' 30011 11/4" x 20' 31011 11/4" x 10' 30012 11/2" x 20' 31012 11/2" x 20' 31022 2" x 20' 31022 2" x 10' 300057 1/2" x 20' 310057 1/2" x 20' 310057 1/2" x 20' 310057 1/2" x 20' 310057 1/2" x 20' 300058 1/2" x 20' 300077 3/4" x 20' 300078 3/4" x 20' 300107 1" x 20' 310107 1" x 10' 300108 1" x 20' 300117 11/4" x 20' 300117 11/4" x 20' 300127 11/2" x 20' 300227 2" x 20' 300127 11/2" x 20' 31011 11/4" x 10' 310257 21/2" x 20' 34011 11/4" x 10' 34012 11/2" x 20' 35012 11/2" x 20' 34032 3" x 20' 34042 4" x 20' 35012 11/4" x 10' 33011 11/4" x 10' 33011 11/4" x 10' 33011 11/4" x 10' 32012 11/2" x 20'	30007 3/4" x 20' (SDR 21) 31007 3/4" x 10' (SDR 21) 30010 1" x 20' (SDR 21) 31010 1" x 10' (SDR 21) 30011 11/4" x 20' (SDR 21) 31011 11/4" x 10' (SDR 21) 30012 11/2" x 20' (SDR 21) 31012 11/2" x 10' (SDR 21) 31012 11/2" x 10' (SDR 21) 31022 2" x 10' (SDR 21) 310057 1/2" x 20' (SCh. 40) 300058 1/2" x 20' (SCh. 40) 300077 3/4" x 20' (SCh. 40) 300078 3/4" x 20' (SCh. 40) 300078 3/4" x 20' (SCh. 40) 300107 1" x 20' (SCh. 40) 300107 1" x 20' (SCh. 40) 300107 1" x 10' (SCh. 40) 300107 1" x 20' (SCh. 40) 300107 1" x 20' (SCh. 40) 300107 1" x 20' (SCh. 40) 300107 1" x 10' (SCh. 40) 300107 1" x 10' (SCh. 40) 300107 11/4" x 20' (SCh. 40) 300117 11/4" x 20' (SCh. 40) 300117 11/4" x 20' (SCh. 40) 300117 11/2" x 10' (SCh. 40) 300127 11/2" x 20' (SCh. 40) 300127 11/2" x 20' (SCh. 40) 300257 2" x 20' (SCh. 40) 310257 21/2" x 10' (SCh. 40) 310257 21/2" x 20' (SCh. 40) 34011 11/4" x 20' (SCh. 40) 34011 11/4" x 20' (SCh. 40) 34011 11/4" x 20' (SCh. 40) 34012 11/2" x 20' (SCh. 26) 35012 11/2" x 10' (SCh. 26) 34022 2" x 20' (SDR 26) 35012 11/2" x 10' (SDR 26) 34042 4" x 20' (SDR 26) 35012 11/2" x 10' (SDR 26)	30007 3/4" x 20' (SDR 21) Belled End 31007 3/4" x 10' (SDR 21) Plain End 30010 1" x 20' (SDR 21) Belled End 31010 1" x 10' (SDR 21) Belled End 31011 11/4" x 20' (SDR 21) Belled End 31011 11/4" x 10' (SDR 21) Belled End 31011 11/4" x 10' (SDR 21) Belled End 31011 11/4" x 10' (SDR 21) Belled End 31012 11/6" x 20' (SDR 21) Belled End 31012 11/6" x 10' (SDR 21) Belled End 3102 2" x 20' (SDR 21) Belled End 31022 2" x 10' (SDR 21) Belled End 310025 11/2" x 20' (Sch. 40) Belled End 310057 11/2" x 20' (Sch. 40) Belled End 310057 11/2" x 20' (Sch. 40) Plain End 300058 11/2" x 20' (Sch. 40) Plain End 300077 3/4" x 20' (Sch. 40) Belled End 310077 3/4" x 20' (Sch. 40) Belled End 310077 3/4" x 20' (Sch. 40) Plain End 300107 1" x 20' (Sch. 40) Belled End 310107 1" x 10' (Sch. 40) Plain End 300108 1" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Plain End 300118 11/4" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Plain End 300127 11/2" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Plain End 300127 11/2" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Plain End 300127 11/2" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Plain End 300127 11/2" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Plain End 300127 11/2" x 20' (Sch. 40) Belled End 310117 11/4" x 20' (Sch. 40) Plain End 300127 11/2" x 20' (Sch. 40) Belled End 3101257 21/2" x 20' (Sch. 40) Belled End 310257 21/2" x 20' (Sch. 40) Belled End 31011 11/4" x 20' (Sch. 40) Plain End 310257 21/2" x 20' (Sch. 40) Belled End 31011 11/4" x 20' (Sch. 40) Belled End 3101257 21/2" x 20' (Sch. 40) Belled End 31011 11/4" x 20' (SCh. 40) Belled End 3101257 21/2" x 20' (Sch. 40) Belled End 31011 11/4" x 20' (SCh. 40) Belled End 3101257 21/2" x 20' (SCh.	30007 3/4" x 20' (SDR 21) Belled End 200 31007 3/4" x 10' (SDR 21) Plain End 200 30010 1" x 20' (SDR 21) Belled End 200 31010 1" x 10' (SDR 21) Plain End 200 31011 1¼" x 20' (SDR 21) Belled End 200 31011 1¼" x 20' (SDR 21) Belled End 200 31011 1¼" x 20' (SDR 21) Belled End 200 31011 1¼" x 10' (SDR 21) Plain End 200 31012 1½" x 20' (SDR 21) Belled End 200 31012 1½" x 20' (SDR 21) Belled End 200 31012 1½" x 10' (SDR 21) Plain End 200 31022 2" x 10' (SDR 21) Belled End 200 310025 1½" x 20' (SDR 21) Belled End 200 310057 1½" x 20' (SCh. 40) Belled End 600 310057 1½" x 20' (SCh. 40) Plain End 600 300058 1½" x 20' (SCh. 40) Plain End 600 300077 3/4" x 20' (SCh. 40) Belled End 480 310077 3/4" x 20' (SCh. 40) Plain End 480 310077 3/4" x 20' (SCh. 40) Plain End 480 310017 1" x 20' (SCh. 40) Plain End 480 300107 1" x 20' (SCh. 40) Plain End 480 300107 1" x 20' (SCh. 40) Belled End 450 300108 1" x 20' (SCh. 40) Belled End 450 300117 1" x 10' (SCh. 40) Plain End 450 300118 1¼" x 20' (SCh. 40) Plain End 370 310117 1¼" x 20' (SCh. 40) Plain End 370 310117 1½" x 20' (SCh. 40) Plain End 370 300118 1¼" x 20' (SCh. 40) Plain End 370 300118 1½" x 20' (SCh. 40) Plain End 370 300127 1½" x 20' (SCh. 40) Plain End 370 300127 1½" x 20' (SCh. 40) Plain End 370 300127 1½" x 20' (SCh. 40) Belled End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 300 300227 2" x 20' (SCh. 40) Plain End 160 340022 2" x 20' (SCh. 40) Plain End 160 35012 1½" x 10' (SCR 26) Pl	30007 3/4" x 20" (SDR 21) Belled End 200 10 31007 3/4" x 10" (SDR 21) Plain End 200 10 30010 1" x 20" (SDR 21) Belled End 200 10 30011 1" x 10" (SDR 21) Plain End 200 10 30011 11" x 10" (SDR 21) Plain End 200 5 31011 11/4" x 20" (SDR 21) Belled End 200 5 31011 11/4" x 10" (SDR 21) Plain End 200 5 31011 11/4" x 10" (SDR 21) Plain End 200 5 31012 11/6" x 20" (SDR 21) Belled End 200 5 31012 11/6" x 10" (SDR 21) Plain End 200 5 31022 2" x 10" (SDR 21) Plain End 200 5 31022 2" x 10" (SDR 21) Plain End 200 5 31022 2" x 10" (SDR 21) Plain End 200 5 310025 11/6" x 20" (Sch. 40) Belled End 200 5 3100057 1/5" x 20" (Sch. 40) Belled End 600 10 310057 1/5" x 20" (Sch. 40) Plain End 600 10 310057 3/4" x 20" (Sch. 40) Plain End 600 10 310077 3/4" x 20" (Sch. 40) Plain End 480 10 310077 3/4" x 20" (Sch. 40) Plain End 480 10 310078 3/4" x 20" (Sch. 40) Plain End 480 10 310107 1" x 10" (Sch. 40) Plain End 450 10 310107 1" x 10" (Sch. 40) Plain End 450 10 310117 11/4" x 20" (Sch. 40) Plain End 450 10 310117 11/4" x 20" (Sch. 40) Plain End 450 10 310117 11/4" x 20" (Sch. 40) Plain End 370 5 310118 11/4" x 20" (Sch. 40) Plain End 370 5 310119 11/4" x 20" (Sch. 40) Plain End 330 5 300127 2" x 20" (Sch. 40) Plain End 330 5 300127 2" x 20" (Sch. 40) Plain End 300 5 300127 2" x 20" (Sch. 40) Plain End 300 5 300128 2" x 20" (Sch. 40) Plain End 300 5 300127 2" x 20" (Sch. 40) Plain End 300 5 300127 2" x 20" (Sch. 40) Plain End 300 5 300127 2" x 20" (Sch. 40) Plain End 300 5 300127 2" x 20" (Sch. 40) Plain End 300 5 300127 2" x 20" (Sch. 40) Plain End 300 5 300127 2" x 20" (Sch. 40) Plain End 300 5 3	30007 3/4" x 20' (SDR 21) Belled End 200 10 200

300 SERIES NIPPLES

	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
SCH. 80 N	IIPPLES (MIP X				
	383001	1/2" x 1-3/8" (C)	10	50	<u>2</u>
	3403015	1/2" x 1½" (S)		50	2
	383020	1/2" x 2"	10	50	2
	3403025	1/2" x 2½"		50	2
	3403030	1/2" x 3"		50	3
	3403035	1/2" x 3½"		50	3
	3403040	1/2" x 4"		50	4
	3403045	1/2" x 4½"		50	4
	3403050	1/2" x 5"	4.0	25	<u>3</u>
	383060	1/2" x 6"	10	50	6
	3403080	1/2" x 8"		25	<u>4</u>
	3403100	1/2" x 10"	10	25	5
	383120	1/2" x 12"	10	50	<u>11</u>
	3403180	1/2" x 18"		25	<u>8</u>
	3403240	1/2" x 24"		10	<u>5</u>
	3403360	1/2" x 36"		10	6
	3403480	1/2" x 48"	10	10	8
	384001	3/4" x 1-3/8" (C)	10	50	2
	384020	3/4" x 2"	10	50	3
	3404025	3/4" x 2½"		50	3
	3404030	3/4" x 3"	40	50	4
	384040	3/4" x 4"	10	50	6
	3404050	3/4" x 5"	40	25	3
	384060	3/4" x 6"	10	50	8
	3404080	3/4" x 8"		25	<u>5</u>
	3404100	3/4" x 10"	10	25	6
	384120	3/4" x 12"	10	50	<u>17</u>
	3404180 3404240	3/4" x 18" 3/4" x 24"		10	<u>6</u> 7
	3404360	3/4" x 36"		<u>10</u> 10	10
	3404480	3/4" x 48"		10	12
	3405001	1" x 1½" (C)		50	3
	3405020	1" x 2" (S)		50	<u></u>
	3405030	1" x 3"		50	<u> </u>
	3405040	1" x 4"		25	4
	3405050	1" x 5"		25	5
	3405060	1" x 6"		25	6
	3405080	1" x 8"		25	7
	3405100	1" x 10"		25	8
	3405120	1" x 12"		25	10
	3406001	1½" x 1-5/8" (C)		25	
	3406020	11/4" x 2" (S)		25	3 3 3
	3406025	11/4" x 21/2"		25	3
	3406030	11/4" x 3"		25	4
	3406040	11/4" x 4"		25	5
	3406050	11/4" x 5"		25	12
	3406060	11/4" x 6"		25	8
	3406080	11/4" x 8"		25	10
	3406100	1½" x 10"		20	10
	3406120	11/4" x 12"		20	12
	3407001	1½" x 1¾" (C)		25	3
	3407020	1½" x 2" (S)		25	4
	3407025	1½" x 2½"		25	4
	(continued))			

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
(continue	2d)				
SCH. 80	NIPPLES (MI	P X MIP)			
	3407030	1½" x 3"		25	5
	3407040	1½" x 4"		25	7
	3407050	1½" x 5"		25	9
	3407060	1½" x 6"		25	9
	3407080	1½" x 8"		25	13
	3407100	1½" x 10"		15	9
	3407120	1½" x 12"		15	11
	3408001	2" x 2" (C)		25	5
	3408025	2" x 2½" (S)		25	6
	3408030	2" x 3"		25	7
	3408040	2" x 4"		25	9
	3408050	2" x 5"		25	12
	3408060	2" x 6"		25	13
	3408080	2" x 8"		25	17
	3408100	2" x 10"		10	8
	3408120	2" x 12"		10	10
	Used for s	prinkler systems w	here an e	xtensi	on is
	needed fo	or the sprinkler hea	d to be a	above	
		vel. Also may be u		revent	
	damage to	o the sprinkler head	d. Not		
	listed for p	potable water. Te	flon threa	ad	
	tape is rec	commended for the	readed jo	oints.	
DE VIDDI	FC (AAID V AAI	D)			

PE NIPPLES (MIP X MIP)



3303020	1/2" x 2"	10	50	1
3303030	1/2" x 3"	10	250	7
3303040	1/2" x 4"	10	250	11

Used for sprinkler systems where an extension is needed for the sprinkler head to be above ground level. Also may be used to prevent damage to the sprinkler head. Not listed for potable water. Teflon thread tape is recommended for threaded joints.

300 SERIES

PVC Sch. 40 Pressure Fittings

Size

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt. **COUPLING** (SLIP X SLIP) 1/2" 25 600 25 <u>30105</u> 30107 3/4" 25 300 14 30110 1" 10 300 22 11/4" 25 30114 150 15 11/2" 120 30115 10 17 2" 30120 10 50 11 30190 21/2" 10 6 30130 3" 10 8 30140 4" 5 6 6" 5 13 30160

Used to join lengths of pipe.

COUPLING SLIP X SLIP CONTRACTOR PACK



30105CP	1/2"	50	<u> 17</u>
30107CP	3/4"	25	12
30110CP	1"	10	8

Conveniently packaged in quantities of 10.

EXTENDED SOCKET COUPLING (SLIP X SLIP)



E30105	1/2"	25	600	24
E30107	3/4"	25	300	17
E30110	1"	10	300	23
E30114	11/4"		25	4
E30115	1 ½"		25	4
E30120	2"		25	6

Used to join lengths of pipe.

REDUCING COUPLING (SLIP X SLIP)



30175	3/4" x 1/2"	50	3
30117	1" x 3/4"	50	5

Used to reduce or increase pipe sizes.

REPAIR COUPLING (NO STOP) (HUB X HUB)



30102	1/2"	10	100	4
30103	3/4"	10	50	3
30111	1"	10	50	4
30113	11/4"		10	1
30116	1 ½"	5	10	2
30122	2"	5	10	2

Furnished without center stop so that stationary lengths of pipe can be spliced together.

THREADED COUPLING (FIP X FIP)



30125	1/2"	10	400	19
30127	3/4"	10	300	21
30128	1"	10	300	31

Used for joining sections of threaded pipe and/or nipples. Teflon thread tape is recommended for threaded joints.

CAP (SLIP)

Part#

Desc.

			Qty.	Qty.	Wt.		
30155	1/2"		10	600	15		
30157	3/4"		10	600	20		
30158	1"		10	300	18		
30159	11/4"		25	300	25		
30151	1 ½"		10	120	14		
30152	2"		10	120	20		
30150*	21/2"			10	4		
30153*	3"			10	6		
30154*	4"			5	5		
30156*	6"			5	11		
Used to cap pine *Caps are designed with							

Pkg.

Box

Box

Used to cap pipe. *Caps are designed with dome shaped top.

CAP (SLIP)

CONTRACTOR PACK



30155CP	1/2"	60	15
30157CP	3/4"	60	20
30158CP	1"	10	7

Conveniently packaged in quantities of 10.

CAP (FIP)



30165	1/2"	10	600	17
30167	3/4"	10	400	15
30168	1"	10	300	20
30169	11/4"	25	150	15
30161	11/2"	25	150	20
30162	2"	10	50	11
30163*	3"		10	6
30166*	4"		5	4

Used to cap threaded pipe. Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

* Caps are designed with dome shaped top.

PLUG (MIP)



'				
31805	1/2"	10	400	11
31807	3/4"	10	400	16
31810	1"	10	400	24
31814	11/4"		25	3
31815	1 ½"		25	3
31820	2"		10	2
31890	21/2"		10	3
31829	3"		10	5
31839	4"		5	4

Adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
PLUG (SP	IGOT)				
	31825	1/2"	10	300	9
	31827	3/4"	10	300	9
	<u>31830</u>	1"	10	200	12
	31834	11/4"		25	3
	31835	11½"		25	3
	31840	2"		10	2
	31845	21/2"		10	4
	31850	3"		10	5
	21960	/ "		5	1

Solvent welds directly into fitting socket to form permanent closure.

REDUCING BUSHING (SPIGOT X SLIP)



30275	3/4" x 1/2"	10	400	11
30215	1" x 1/2"	10	400	20
30217	1" x 3/4"	10	400	16
30245	11/4" x 1/2"		25	3
30247	11/4" x 3/4"	25	300	27
30240	11/4" x 1"	25	300	19
30255	1½" x 1/2"		25	3
30257	1½" x 3/4"	10	120	15
30250	1½" x 1"	10	120	14
30254	1½" x 1¼"	10	120	9
30225	2" x 1/2"		10	2
30227	2" x 3/4"		10	2
30220	2" x 1"	10	120	23
30224	2" x 11/4"	10	120	22
30221	2" x 1½"	10	120	17
30290	2½" x 1"		10	4
30294	2½" x 1¼"		10	4
30291	2½" x 1½"		10	4
30292	2½" x 2"		10	4 3 5
30230	3" x 1"		10	5
30234	3" x 11/4"		10	5 5
30231	3" x 1½"		10	5
30232	3" x 2"		10	5
30239	3" x 2½"		10	5
30242	4" x 2"		5	4
30249	4" x 2½"		5	<u>4</u> 5
30243	4" x 3"		5	4
30264	6" x 4"		5	9

Inserts into fitting hub to reduce to smaller pipe size.

REDUCING BUSHING (SPIGOT X SLIP)



30275CP	3/4" x 1/2"	25	8
Conveniently	packaged in quan	tities of 10.	

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
REDUCIN	NG BUSHING	(MIP X FIP)			
Altac	34351	1/2" x 1/4"		50	2
 	34375	3/4" x 1/2"	10	300	8
	34315	1" x 1/2"	10	200	10
	34317	1" x 3/4"	10	200	8
	34345	11/4" x 1/2"		25	4
	34347	11/4" x 3/4"		25	3
	34340	11/4" x 1"		25	3
	<u>34355</u>	1½" x 1/2"		25	4
	<u>34357</u>	1½" x 3/4"		25	3
	<u>34350</u>	1½" x 1"		25	3
	<u>34354</u>	1½" x 1¼"		25	2
	34320	2" x 1"		10	3
	34324	2" x 11/4"		10	2
	34321	2" x 1½"		10	2
	Inserts into	threaded fitting s	ocket t	o redu	ce

to smaller threaded opening. Teflon thread tape is recommended for threaded joints.

REDUCING BUSHING (SPIGOT X FIP)



<u> </u>	BUSHING	<u>i (SPIGOTX FIP)</u>			
	34259	1/2" x 1/8"		100	3
١	34251	1/2" x 1/4"		100	3
/	34275	3/4" x 1/2"	10	400	14
	34215	1" x 1/2"	10	400	22
	34217	1" x 3/4"	10	400	18
	34245	11/4" x 1/2"		25	4
	34247	11/4" x 3/4"		25	3
	34240	11/4" x 1"		25	4 3 3
	34255	1½" x 1/2"		25	3
	34257	1½" x 3/4"		25	4
	34250	1½" x 1"		25	4
	34254	1½" x 1¼"		25	3
	34225	2" x 1/2"		10	2
	34227	2" x 3/4"		10	
	34220	2" x 1"		10	3 3
	34224	2" x 11/4"		10	2
	34221	2" x 1½"		10	2
	34290	2½" x 1"		10	4
	34291	2½" x 1½"		10	4
	34292	2½" x 2"		10	3
	34230	3" x 1"		10	5
	34232	3" x 2"		10	5
	34239	3" x 2½"		10	5
	34249	4" x 2½"		5	5
					_

Inserts into fitting hub to reduce to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt
FEMALE A	DAPTER (SLIP X FIP)			
	30305	1/2"	10	500	18
(- ())	30307	3/4"	10	300	14
	30310	1"	10	300	25
	30314	11/4"	25	150	17
	30315	11/2"	10	120	19
	30320	2"	10	50	11
	30390	21/2"		10	6
	30330	3"		10	8
	30340	4"		5	5
	30360	6"		4	10

Adapts pressure pipe to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

FEMALE ADAPTER (SLIP X FIP)

CONTRACTOR PACK

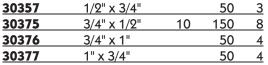


<u>30305CP</u>	1/2"	50	<u> 18</u>
30307CP	3/4"	25	12
30310CP	1"	10	9

Conveniently packaged in quantities of 10.

REDUCING FEMALE ADAPTER (SLIP X FIP)





Adapts pressure pipe to standard male pipe threads. Fitting reduces to smaller pipe size. Teflon thread tape is recommended for threaded joints.

MALE ADAPTER (SLIP X MIP)



IFIEN (SLIF	/ MIF)			
30405	1/2"	10	500	16
30407	3/4"	10	300	13
30410	1"	10	300	22
30414	11/4"	25	150	16
30415	11/2"	10	120	16
30420	2"	10	50	10
30490	21/2"		10	5
30430	3"		10	6
30440	4"		5	5
30460	6"		4	10

Adapts pressure pipe to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

MALE ADAPTER (SLIP X MIP)

CONTRACTOR PACK



30405CP	1/2"	50	16
30407CP	3/4"	25	11
30410CP	1"	10	8

Conveniently packaged in quantities of 10.

Desc. Part# Size Pkg. Box Qty. Wt. REDUCING MALE ADAPTER (SLIP X MIP) 30457 1/2" x 3/4" 10 150 7 30475 3/4" x 1/2" 10 300 12 30476 3/4" x 1" 10 100 8



)	30475	3/4" x 1/2"	10	300	12
	30476	3/4" x 1"	10	100	8
	30477	1" x 3/4"		50	4
	30441	1" x 11/4"		25	3
	30404	11/4" x 1"		25	3
	30454	11/4" x 11/2"		25	4
	30452	1½" x 1¼"		25	4
	30421	1½" x 2"		10	2
	30412	2" x 1½"		10	2
				-	. —

Adapts pressure pipe to standard female pipe threads. Fitting reduces to smaller pipe size. Teflon thread tape is recommended for threaded joints.

45° ELBOW (SLIP X SLIP)



(SLIP A SLIP)				
30605	1/2"	10	300	12
30607	3/4"	10	300	18
30610	1"	10	200	19
30614	11/4"	10	120	17
30615	1 ½"	10	50	11
30620	2"	5	50	15
30690	21/2"		10	8
30630	3"		10	10
30640	4"		5	8
30660	6"		4	18

Used to change direction in piping.

90° ELBOW (SLIP X SLIP)



30705	1/2"	10	300	18
30707	3/4"	10	250	21
30710	1"	10	120	17
30714	11/4"	10	50	11
30715	11/2"	10	50	15
30720	2"	5	50	23
30790	21/2"		10	10
30730	3"		10	14
30740	4"		5	10
30760	6"		4	22
11 14				

Used to change direction in piping.

90° ELBOW (SLIP X SLIP)

CONTRACTOR PACK



30705CP	1/2"		50	29
30707CP	3/4"		20	17
30710CP	1"		10	15

Conveniently packaged in quantities of 10.

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

REDUCING 90° ELBOW (SLIP X SLIP)



30775	3/4" x 1/2"	10	100	8
30716	1" x 1/2"		50	5
30717	1" x 3/4"		50	6
30741	11/4" x 1"		25	5
30750	1½" x 1"		25	8

Used to change direction in piping. Fitting reduces to smaller pipe size.

90° STREET ELBOW (MIP X FIP)



32705	1/2"	50	<u>5</u>
32707	3/4"	50	5
32715	11/2"	25	9
32720	2"	10	6

Adapts standard female pipe threads to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

90° STREET ELBOW (MIP X FIP)



M32705	1/2"	50	3
M32707	3/4"	50	3

Adapts standard female pipe threads to standard male pipe threads. These elbows are made of Marlex. Teflon thread tape is recommended for threaded joints.

90° STREET ELBOW (SLIP X MIP)



32805	1/2"	50	3
32807	3/4"	50	4
32810	1"	50	7
32814	11/4"	25	6
32815	11/2"	25	7
32820	2"	10	5

Used to change direction in piping. Adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

90° STREET ELBOW (SLIP X SPIGOT)



32905	1/2"		50	3
32907	3/4"		50	4
32910	1"	10	50	7
32914	11/4"		25	5
32915	11/2"		25	8
32920	2"		10	5

Used to change direction in piping.

90° THREADED ELBOW (FIP X FIP)



	(,			
33705	1/2"	10	200	16
33707	3/4"	10	100	11
33710	1"	10	100	18
33714	11/4"		25	8

Used to change direction in piping. Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.	
90° FEMA	LE ELBOW	(SLIP X FIP)				
	33905	1/2"	10	300	20	
	33907	3/4"	10	300	25	
	33910	1"	10	120	17	
	33914	11/4"	10	120	27	
	33915	11/2"	10	50	16	
	33920	2"	5	50	25	
	<u>33990</u>	21/2"		10	15	
~	33940	4"		5	10	

Used to change direction in piping. Adapts from solvent welded line to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

REDUCING 90° FEMALE ELBOW (SLIP X FIP)



34157	1/2" x 3/4"		50	4
34175	3/4" x 1/2"	10	300	22
34115	1" x 1/2"	10	50	6
34117	1" x 3/4"	10	100	13

Used to change direction in piping and reduce size. Adapts from solvent welded line to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

90° ELBOW W/FEMALE SIDE INLET (SLIP X SLIP X FIP)



33105 1/2" 50 4 Commonly used to connect threaded sprinkler risers to underground systems. Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded

RED. 90° ELBOW W/FEMALE SIDE INLET (SLIP X SLIP X FIP)



	/			,
33175	3/4" x 3/4" x 1/2"	10	50	5
33176	1" x 1" x 1/2"		25	3

Commonly used to connect threaded sprinkler risers to underground systems. Fitting reduces to a smaller pipe size. Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

TEE (SLIP X SLIP X SLIP)

joints.



SLIP A SI	-IP <i>)</i>			
31405	1/2"	10	300	22
31407	3/4"	10	300	31
31410	1"	10	120	19
31414	11/4"	10	120	30
31415	11/2"	10	50	19
31420	2"	10	50	27
31450	21/2"		10	12
31430	3"		10	16
31440	4"		5	13
31446	6"		4	29

Used to provide a branch supply line from a main line.

Part#

Desc.

PVC Sch. 40 Pressure Fittings

			Qty.	Qty.	Wt
TEE (SLIP X	(SLIP X SLIP)				
CONTRAC	TOR PACK				
(Pa 17 (29)	31405CP	1/2"		25	19
Y THE	31407CP	3/4"		25	24
050	31410CP	1"		10	16
(5 ~)			 		

Size

Conveniently packaged in quantities of 10.

Pkg.

Box

Box

REDUCING TEE (SLIP X SLIP X SLIP)



VIII (OLII	// OLII // OLII /			
31403	1/2" x 1/2" x 3/4"		50	4
31421	3/4" x 1/2" x 1/2"		50	5
31471	3/4" x 3/4" x 1/2"	10	150	13
31476	3/4" x 1/2" x 3/4"		50	5
31406	3/4" x 3/4" x 1"		50	7
31475	1" x 1" x 1/2"	10	50	7 7 7
31411	1" x 1/2" x 1"		50	7
31477	1" x 1" x 3/4"	10	120	18
31408	1" x 1" x 1½"		50	11
31409	1" x 1" x 1½"		25	8
31429	11/4" x 1" x 1"		25	6
31490	11/4" x 11/4" x 1/2"		25	6
<u>31491</u>	11/4" x 11/4" x 3/4"		25	6
<u>31474</u>	11/4" x 11/4" x 1"	10	50	12
<u>31413</u>	11/4" x 11/4" x 11/2"		25	9
31473	11/4" x 11/4" x 2"		25	9
<u>31417</u>	1½" x 1¼" x 3/4"		25	7 6
<u>31493</u>	1½" x 1½" x 1/2"		25	6
31494	1½" x 1½" x 3/4"		25	7
<u>31495</u>	1½" x 1½" x 1"		25	8
31419	1½" x 1½" x 1¼"		25	8
31492	1½" x 1½" x 2"		10	5
<u>31431</u>	2" x 1½" x 3/4"		10	4
<u>31432</u>	2" x 1½" x 1"		10	<u>4</u> 5
31433	2" x 2" x 1/2"		10	4
<u>31434</u>	2" x 2" x 3/4"		10	4
31435	2" x 2" x 1"		10	4
31436	2" x 2" x 11/4"		10	4
31472	2" x 2" x 1½"		10	5
31423	3" x 3" x 2"		10	12
31442	4" x 4" x 2"		5	8
31443	6" x 6" x 3"		5	21
31449	6" x 6" x 4"		5	24
		1 11		

Used to provide a branch supply line from a main line. Fitting reduces to a smaller pipe size.

Desc.	Part#	Size		kg. Box ty. Qty.	Box Wt.
FEMALE TE	E (SLIP X SLII	P X FIP)			
	31455	1/2"	10	300	23
	31457	3/4"	1(300	30
	31458	1"	10	100	19
	31454	11/4"		25	8
	31451	11/2"		25	11
	31452	2"		10	8

Solvent welds into main line to provide a threaded branch line of the same size. Teflon thread tape is recommended for threaded joints.

REDUCING FEMALE TEE (SLIP X SLIP X FIP)



3	FEMALE	TEE (SLIP X SLIP X FIP)			
	31448	1/2" x 1/2" x 1/8"		50	4
	31459	1/2" x 1/2" x 3/4"		50	5
	31481	3/4" x 3/4" x 1/2"	10	150	15
	31463	3/4" x 1/2" x 1/2"		50	5
	31456	3/4" x 1/2" x 3/4"		50	5
	31461	1" x 3/4" x 1/2"		50	6
	31485	1" x 1" x 1/2"	10	120	18
	31487	1" x 1" x 3/4"	10	120	19
	31462	11/4" x 1" x 1/2"		25	5
	31460	11/4" x 1" x 1"		25	8
	31480	11/4" x 11/4" x 1/2"		25	6
	31488	11/4" x 11/4" x 3/4"		25	6
	31484	11/4" x 11/4" x 1"		25	7
	31469	1½" x 1¼" x 3/4"		25	9
	31470	1½" x 1¼" x 1"		25	7
	31478	1½" x 1½" x 1/2"		25	7
	31479	1½" x 1½" x 3/4"		25	6
	31489	1½" x 1½" x 1"		25	8
	31486	1½" x 1½" x 1¼"		25	9
	31482	2" x 2" x 1/2"		10	4
	31496	2" x 2" x 3/4"		10	4
	31497	2" x 2" x 1"		10	4
	31498	2" x 2" x 11/4"		10	5
	31499	2" x 2" x 1½"		10	6
	C - L L -			3 -1	

Solvent welds into main line to provide a threaded branch line of reduced size. Teflon thread tape is recommended for threaded joints.

FEMALE TEE (FIP X FIP X FIP)

35455	1/2"	10	100	9
35457	3/4"	10	100	13
35458	1"	10	100	22



Adapts to male threaded main line to provide a threaded branch line of the same size. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
CROSS (ALL SLIP)				
~	34405	1/2"	10	50	5
	<u>34407 </u>	3/4"	10	50	6
	<i>》</i> 34410	1"	10	50	10
	34414	11/4"		25	9
	<u>34415</u>	11/2"		25	12
	34420	2"		10	7
	34430	3"		10	19
	34440	4"		5	<u> 15</u>
	1114				

Used to connect like size lateral piping.

UNION (SLIP X SLIP)



37205	1/2"	10	20	3
37207	3/4"	10	20	6
37210	1"		10	4
37214	11/4"	5	10	8
37215	11/2"	5	10	6
37220	2"	5	10	9

This union solvent welds directly to PVC pipe and provides a method for future disassembly of piping without cutting.

Working Pressure: 150 PSI @ 73°

FIP UNION (FIP X FIP)



37505	1/2"	12	3
37507	3/4"	12	4
37510	1"	12	5
37514	11/4"	6	3
37515	11/2"	6	4
37520	2"	6	8

This union joins to male threaded pipe and provides a method for future disassembly of piping without cutting. Teflon thread tape is recommended for threaded joints.

Working Pressure: 150 PSI @ 73°

COMPRESSION COUPLING (COMP. X COMP.)



37105	1/2"	20	6
37107	3/4"	20	7
37110	1"	20	9
37114	11/4"	10	7
37115	11/2"	10	9
37120	2"	10	12

Commonly referred to as a "dresser coupling," this fitting is used to join two pieces of PVC or other iron pipe sized pipe in cold water applications. Most often used for in-line repairs.

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

COMPRESSION MALE ADAPTER (COMP. X MIP)



3/4"	6	1
1"	6	2
	3/4" 1"	3/4" 6 1" 6

Adapts PVC or other iron pipe sized pipe in cold water applications to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

COMPRESSION TEE W/FIP BRANCH



(COMP. X COMP. X FIP)

37705	1/2"	24	7
37707	3/4"	12	5
37710	1"	12	7
37775	3/4" x 3/4" x 1/2"	12	5

Provides a threaded branch line from a main line. Adapts PVC pipe or other iron pipe sized pipe to male pipe threads in cold water applications. Teflon thread tape is recommended for threaded joints.

RISER EXTENDER (FIP X MIP)



34505	1/2"	50	3
34507	3/4"	50	3

Used to extend sprinkler risers. May be used in initial installation or for replacement purposes. Teflon thread tape is recommended for threaded joints.

BALL VALVE (SLIP X SLIP)



37305	1/2"	10	2
37307	3/4"	10	4
37310	1"	10	5
37314	11/4"	10	7
37315	1 ½"	4	4
37320	2"	4	7

These ball valves are made out of PVC for corrosion resistance. Used anywhere a full flow valve is required such as swimming pools, irrigation systems or agricultural applications. Working Pressure: 150 PSI @ 73°

BALL VALVE (FIP X FIP)



37405	1/2"	10	2
37407	3/4"	10	4
37410	1"	10	6
37414	11/4"	10	7
37415	11/2"	4	4
37420	2"	4	7

These ball valves are made out of PVC for corrosion resistance. Used anywhere a full flow valve is required such as swimming pools, irrigation systems or agricultural applications. Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

Working Pressure: 150 PSI @ 73°

Desc.	Part#	Size	Pkg.	Box	Box	
			Qty.	Qty.	Wt.	
GLOBE VALVE (SLIP X SLIP)						
	37805	1/2"		12	3	
	37807	3/4"		12	3	
	This valve	employs the glo	he valve pr	incinle	for	

This valve employs the globe valve principle, fo use in cold water systems only.

RUNNING TRAP (SPIGOT X SPIGOT)

38007 3/4" 10 120 27 Used for common air conditioner condensation drains in a horizontal application.

P-TRAP (SPIGOT X SPIGOT)



38507 3/4" 10 120 27 Used for common air conditioner condensation drains in a vertical application.

POLYETHYLENE CUTOFF NIPPLE



357305	1/2" x 2½"	10	500	14
357605	1/2" x 6"	10	50	2
357607	3/4" x 6"	10	50	3
357675	1/2" x 3/4" x 6"	10	100	7

Used to connect to sprinkler head, enabling the length to be determined at installation. Teflon thread tape is recommended for threaded joints.

Desc. Part# Size Pkg. Box Box

POLY TANK FLANGE ADAPTER



 38905
 1/2"
 10
 3

 38907
 3/4"
 10
 3

Qty.

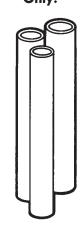
Wt.

This Bulk Head Fitting provides a water tight seal when making a connection through a container, such as a rain barrel, tank, pond, or vessel. Fitting components join together on both sides of the container wall. Includes female NPT threads on both ends and an EPDM gasket.

300 SERIES

PVC Sch. 80 Pressure Pipe

Desc.	Part#	Size			Pressure Rating at 73° F (PSI)	Bdl. Qty. (Igths.)	Skid Qty. (Igths.)	Bdl. Wt. (lbs.)
PVC PRESSURE	300055	1/2" x 20'	(Sch. 80)	Plain End	850	10	240	41
	310055	1/2" x 10'	(Sch. 80)	Plain End	850	10	480	21
PIPE	300075	3/4" x 20'	(Sch. 80)	Plain End	690	10	200	56
(SCH. 80)	310075	3/4" x 10'	(Sch. 80)	Plain End	690	10	400	28
Cold Water Use	300105	1" x 20'	(Sch. 80)	Plain End	630	10	240	83
Only!	310105	1" x 10'	(Sch. 80)	Plain End	630	10	240	41
	300115	11/4" x 20'	(Sch. 80)	Plain End	520	5	180	57
69	310115	11/4" x 10'	(Sch. 80)	Plain End	520	5	180	29
	300125	1½" x 20'	(Sch. 80)	Plain End	470	5	200	69
	310125	1½" x 10'	(Sch. 80)	Plain End	470	5	200	35
	300225	2" x 20'	(Sch. 80)	Plain End	400	5	150	96



	Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt
3	COUPLIN	G (SLIP X SLIP)		•	•	
		301058	1/2"		25	2
		301078	3/4"		25	2
		301108	1"		25	4
		301148	11/4"		10	2
		301158	11/2"		10	3
		301208	2"		10	4
		Used to join	lengths of pipe.			

COUPLING (FIP X FIP)



<u>301258</u>	1/2"	25	2
301278	3/4"	25	3
301288	1"	25	5
301248	11/4"	10	3
301218	1 ½"	10	4
301228	2"	10	5

Used to join lengths of pipe.

CAP (SLIP)



301558	1/2"	25	2	
301578	3/4"	25	3	
301588	1"	25	5	
301598	11/4"	10	2	
301518	11/2"	10	3	
301528	2"	10	4	
Used to cap pipe.				

CAP (FIP)



301658	1/2"	25	2
301678	3/4"	25	2
301688	1"	25	3

Used to cap threaded pipe. Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

PLUG (MIP)



318058	1/2"	25 1
318078	3/4"	25 1
318108	1"	25 2
318148	11/4"	10 1
318158	11/2"	10 1
318208	2"	10 2

Adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
REDUCIN	G BUSHING (S	SPIGOT X SLIP)			
	302518	1/2" x 1/4"		25	1
$\mathcal{L}(\mathcal{L}(\mathcal{L}(\mathcal{L}(\mathcal{L}(\mathcal{L}(\mathcal{L}(\mathcal{L}($	302758	3/4" x 1/2"		25	1
	302158	1" x 1/2"		25	2
	302178	1" x 3/4"		25	1
	302458	11/4" x 1/2"		10	2
	302478	11/4" x 3/4"		10	2
	302408	11/4" x 1"		10	1
	302558	1½" x 1/2"		10	2
	302578	1½" x 3/4"		10	2
	302508	1½" x 1"		10	2
	302548	1½" x 1¼"		10	1
	302258	2" x 1/2"		10	3
	302278	2" x 3/4"		10	3
	302208	2" x 1"		10	3 3 3
	302248	2" x 11/4"		10	3
	302218	2" x 1½"		10	2
	Incorts into f	itting bub to radi	ico to o	mallar	

Inserts into fitting hub to reduce to smaller pipe size.

REDUCING BUSHING (MIP X FIP)



343758	3/4" x 1/2"	25	1
343158	1" x 1/2"	25	3
343178	1" x 3/4"	25	2
343508	1½" x 1"	10	2
343208	2" x 1"	10	2
343218	2" x 1½"	10	2

Inserts into threaded fitting socket to reduce to smaller threaded opening. Teflon thread tape is recommended for threaded joints.

REDUCING BUSHING (SPIGOT X FIP)



ROSHING	(SPIGOT X FIP)		
342758	3/4" x 1/2"	25	1
342158	1" x 1/2"	25	2
342178	1" x 3/4"	25	1
342478	11/4" x 3/4"	10	1
342408	11/4" x 1"	10	1
342558	1½" x 1/2"	10	2
342578	1½" x 3/4"	10	2
342508	1½" x 1"	10	2
342548	1½" x 1¼"	10	1
342258	2" x 1/2"	10	2
342278	2" x 3/4"	10	3
342208	2" x 1"	10	3
342248	2" x 11/4"	10	3
342218	2" x 1½"	10	2

Inserts into fitting hub to reduce to smaller pipe size. Teflon thread tape is recommended for threaded joints.

Desc. Part# Size Pkg. Box Box Qty. Qty. **MALE ADAPTER (SLIP X MIP)** 304058 1/2" 1 2 304078 3/4" 25 304108 25 3 304148 11/4" 10 2 11/2" 304158 10 3 2" 10 304208 3

Adapts pressure pipe to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

FEMALE ADAPTER (SLIP X FIP)



303058	1/2"	25	2
303078	3/4"	25	3
303108	1"	25	5
303148	11/4"	10	3
303158	1 ½"	10	4
303208	2"	10	5

Adapts pressure pipe to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

45° ELBOW (SLIP X SLIP)



_ (. ,		
306058	1/2"	25	3
306078	3/4"	25	3
306108	1"	25	5
306148	11/4"	10	2
306158	11/2"	10	4
306208	2"	10	6

Used to change direction in piping.

90° ELBOW (SLIP X SLIP)



307058	1/2"	25	2
307078	3/4"	25	3
307108	1"	25	5
307148	11/4"	10	3
307158	11/2"	10	4
307208	2"	10	7

Used to change direction in piping.

90° ELBOW (SLIP X FIP)



339058	1/2"	25	3
339078	3/4"	25	4
339108	1"	25	6
339148	11/4"	10	4
339158	1 ½"	10	6
339208	2"	10	8

Used to change direction in piping. Teflon thread tape is recommended for threaded joints.

Desc. Part# Size Pkg. Box Box Qty. Qty. Qty. Wt. 90° ELBOW (FIP X FIP) 337058 1/2" 25 3 237078 3/4" 05 5



-	_ (,			
	337058	1/2"	25	3
	337078	3/4"	25	5
1	337108	1"	25	6
	337148	11/4"	10	4
	337158	11/2"	10	5
	337208	2"	10	8

Used to change direction in piping. Teflon thread tape is recommended for threaded joints.

TEE (SLIP X SLIP X SLIP)



25	3
25	3
25	8
10	4
10	5
10	7
	25 25 10 10

Used to provide a branch supply line from a main line.

TEE (FIP x FIP x FIP)



354558	1/2"	25	4
354578	3/4"	25	5
354588	1"	25	8
354548	11/4"	10	5
354518	1 ½"	10	7
354528	2"	10	9

Adapts to male threaded main line to provide a threaded branch line of the same size. Teflon thread tape is recommended for threaded joints.

UNION (SLIP X SLIP)



372058	1/2"	10	3
372078	3/4"	10	4
372108	1"	10	6
372148	11/4"	5	3
372158	1 ½"	5	7
372208	2"	5	9

This union solvent welds directly to PVC pipe and provides a method for future disassembly of piping without cutting.

Working Pressure: 150 PSI @ 73°

Insert fittings are used with polyethylene (PE) pipe in buried cold water applications only, such as irrigation, residential lawn sprinkler systems, water service pipe, and swimming pool installations.



Plastic Insert FittingsMeets ASTM D2609NSF Listed

NSF Approved PE Pipe Meets ASTM D2239 Meets PE 3408 100, 125, 160 and 200 psi ratings

•Non-NSF PE Pipe •Do not use on potable water systems!

(Polyethylene Pipe (900 Series) found on pg. 63)

- Insert fittings join to PE Pipe with stainless steel clamps.
- MIP=Male Iron Pipe Threads; FIP= Female Iron Pipe Threads
- Insert Fitting Materials
 - Polypropylene & PVC (350 & 380 Series)
 - Nylon (360 Series)
 - Galvanized (370 Series)

INSERT FITTINGS

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
		/n	Qty.	Qty.	W C.
INSERT (COUPLING	(INSERT X INSERT)			
miiii - 11111	350105	1/2"	10	500	9
	350107	3/4"	10	400	10
	350110	1"	10	200	11
	350114	11/4"	10	150	10
	350115	11/2"	10	50	5
	350120	2"	5	50	7
	Used to	join polyethylene tub	ing.		

INSERT COUPLING (INSERT X INSERT)

CONTRACTOR PACK



C350105	1/2"	50	9
C350107	3/4"	40	10
C350110	1"	20	11

Conveniently packaged in quantities of 10.

INSERT REDUCING COUPLING (INSERT X INSERT)



350175	3/4" x 1/2"	25	200	6
350116	1" x 1/2"	20	300	11
350117	1" x 3/4"	10	300	11
380147	11/4" x 3/4"		20	2
350140	11/4" x 1"	10	100	6
350157	1½" x 3/4"	10	50	4
350150	1½" x 1"	10	50	4
350154	1½" x 1¼"	5	50	5
350220	2" x 1"	5	50	5
350124	2" x 11/4"	5	50	6
350121	2" x 1½"	5	50	6

Used to reduce to different polyethylene tubing sizes.

INSERT FEMALE ADAPTER (INSERT X FIP)



350305	1/2"	10	200	6
350307	3/4"	10	400	16
350310	1"	10	120	7
350314	11/4"	10	200	18
350315	11/2"	5	50	6
350320	2"	5	50	8

Adapts polyethylene tubing to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

INSERT MALE ADAPTER (INSERT X MIP)



350405	1/2"	10	500	11
350407	3/4"	10	300	11
350410	1"	10	200	10
350414	11/4"	10	150	11
350415	11/2"	10	50	6
350420	2"	5	50	9

Adapts polyethylene tubing to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	

INSERT REDUCING MALE ADAPTER (INSERT X MIP)



- C - C - C - C - C - C - C - C - C - C	(11.02101.7011.7011.7011.7011.7011.7011.7			
350475	1/2" x 3/4"	25	350	11
380457	3/4" x 1/2"		50	2
350417	3/4" x 1"	20	200	9
380447	3/4" x 1½"		25	3
380451	1" x 1/2"		50	3
350477	1" x 3/4"	20	200	8
350440	1" x 11/4"	10	100	8
350450	1" x 1½"	10	80	9
380404	11/4" x 1"		15	2
350454	11/4" x 11/2"	10	80	10
380445	1½" x 1¼"		10	2
350421	1½" x 2"	10	50	8
A -l	في سيمنا جارية بم مريد از رماية من	o oton	احددا	

Adapts polyethylene tubing to standard female pipe threads. Fitting reduces to smaller tubing size. Teflon thread tape is recommended for threaded joints.

INSERT PLUG (INSERT)



351825	1/2"	10	300	3
351827	3/4"	10	250	5
351830	1"	10	200	5
351834	11/4"	10	200	8
351835	1 ½"	10	50	3
351840	2"	5	50	5

Used to form a permanent closure.

INSERT ELBOW (INSERT X INSERT)



350705	1/2"	20	400	10
350707	3/4"	10	300	11
350710	1"	10	40	3
350714	11/4"	10	40	4
350715	1 ½"	5	50	7
350720	2"	5	40	11

Used to change direction in piping.

INSERT ELBOW (INSERT X INSERT)

CONTRACTOR PACK



C350705	1/2"	50	14
C350707	3/4"	30	12
C350710	1"	20	15

Conveniently packaged in quantities of 10.

INSERT REDUCING ELBOW (INSERT X INSERT)



350775	3/4" x 1/2"	20	300	13
350717	1" x 3/4"	10	40	3
350740	11/4" x 1"	10	50	7
350754	1½" x 1¼"	10	40	7

Used to change direction. Fitting reduces to smaller tubing sizes.

INSERT FITTINGS

Desc. Part# Size Pkg. Box Box Qty. Wt. Qty. **INSERT COMBINATION ELBOW (INSERT X MIP)** 352805 1/2" 400 10 11 3/4" 352807 10 200 9

1" 9 352810 100 10 352814 11/4" 10 80 12 11/2" 5 50 352815 10 352820 2" 5 40 11

Used to change direction. Adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

INSERT COMBINATION ELBOW (INSERT X FIP)



	1 110011	(11 10 = 111 / 111 /		
353905	1/2"	10	200	9
353907	3/4"	10	200	12
353910	1"	10	40	4
353914	11/4"	10	40	6
353915	1 ½"	5	50	11
353920	2"	5	30	10

Used to change direction. Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

INSERT REDUCING COMBINATION ELBOW (INSERT X FIP)



354175	3/4" x 1/2"	10	300	12
354115	1" x 1/2"	10	80	6
354117	1" x 3/4"	10	80	6
384145	11/4" x 1/2"		25	3
384147	11/4" x 3/4"		10	2
354140	11/4" x 1"	10	40	7

Used to change direction. Adapts to standard male pipe threads. Fitting reduces to smaller tubing size. Teflon thread tape is recommended for threaded joints.

INSERT TEE (INSERT X INSERT X INSERT)



351405	1/2"	10	260	10
351407	3/4"	10	300	16
351410	1"	10	100	8
351414	11/4"	10	100	18
351415	1 ½"	5	40	11
351420	2"	5	25	10

Used to provide a branch supply line from a main line.

INSERT TEE (INSERT X INSERT X INSERT)

CONTRACTOR PACK



C351405	1/2"	30	11
C351407	3/4"	25	14
C351410	1"	20	17

Conveniently packaged in quantities of 10.

Desc.	Part#	Size	Pkg.	Вох	Вох
			Qty.	Qty.	Wt.

INSERT REDUCING TEE (INSERT X INSERT X INSERT



DUCING TEE	(INSERT X INSERT	X INS	ERT)	
351421	3/4" x 1/2" x 1/2"	20	300	17
351471	3/4" x 3/4" x 1/2"	10	300	19
351422	1" x 3/4" x 1/2"	20	100	9
351423	1" x 3/4" x 3/4"	20	100	9
351475	1" x 1" x 1/2"	10	100	10
<u>351477</u>	1" x 1" x 3/4"	10	100	10
351424	11/4" x 1/2" x 1/2"	10	100	16
<u>351425</u>	11/4" x 3/4" x 1/2"	10	100	16
351426	11/4" x 3/4" x 3/4"	10	100	16
351427	11/4" x 1" x 1/2"	10	100	16
<u>351428</u>	11/4" x 1" x 3/4"	10	100	17
351429	11/4" x 1" x 1"	10	100	17
351490	11/4" x 11/4" x 1/2"	10	100	18
351491	11/4" x 11/4" x 3/4"	10	100	18
351474	11/4" x 11/4" x 1"	10	100	18
381419	1½" x 1½" x 1¼"		5	2
381472	2" x 2" x 1½"		5	2
Used to pro	wide a branch cup	alv lin	a from	2

Used to provide a branch supply line from a main line. Fitting reduces to smaller tubing size.

INSERT COMBINATION TEE (INSERT X INSERT X MIP)



WENT WATER	(11.405141	MDII WILLIAM (II OLINI X III OLINI X IIII)				
351445	1/2"	20	240	11		
351447	3/4"	10	300	19		
351440	1"	10	100	11		
351444	11/4"	10	100	20		
351441	1 ½"	5	40	11		
351442	2"	5	25	10		

Used to provide a branch supply line from a main line. Branch line adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

INSERT COMBINATION TEE (INSERT X INSERT X FIP)



351455	1/2"	10	200	11
<u>351457</u>	3/4"	10	300	23
351458	1"	10	100	11
351454	11/4"	10	100	20
351451	11/2"	5	40	12
351452	2"	5	25	12

Used to provide a branch supply line from a main line. Branch line adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

INSERT FITTINGS

Desc. Box Box Part# Size Pkg. Wt. Qty. Qty. **INSERT REDUCING COMBINATION TEE (INS. X INS. X FIP)** 351481 3/4" x 3/4" x 1/2" 10 200 10 351466 1" x 3/4" x 1/2" 9 20 100 351467 1" x 3/4" x 3/4" 20 100 10 1" x 1" x 1/2" 351485 10 100 8 1" x 1" x 3/4" 351487 10 100 11 11/4" x 11/4" x 1/2" 351483 10 100 18 **351488** 11/4" x 11/4" x 3/4" 10 100 17 351484 11/4" x 11/4" x 1" 10 100 16 1½" x 1½" x 1/2" 2 381482 5 381486 1½" x 1½" x 3/4" 2 381480 1½" x 1½" x 1¼"

Used to provide a branch supply line from a main line. Branch line adapts to standard male pipe threads. Fitting reduces to smaller tubing size. Teflon thread tape is recommended for threaded joints.

INSERT CROSS (ALL INSERT)



354407	3/4"	10	200	21
354410	1"	10	100	16

Used to connect like size lateral tubing.

POLYETHYLENE CUTOFF NIPPLE



357305	1/2" x 2½"	10	500	14
357605	1/2" x 6"	10	50	2
357607	3/4" x 6"	10	50	3
357675	1/2" x 3/4" x 6"	10	100	7

Used to connect to sprinkler head, enabling the length to be determined at installation. Teflon thread tape is recommended for threaded joints.

NYLON INSERT COUPLING (INSERT X INSERT)



360105	1/2"	25	500	12
360107	3/4"	25	400	12
360110	1"	25	200	13
360114	11/4"	10	150	12
360115	11/2"	10	50	6
360120	2"	5	50	9

Used to join polyethylene tubing.

NYLON INSERT MALE ADAPTER (INSERT X MIP)



<u>360405</u>	1/2"	25	500	<u> 15</u>
360407	3/4"	25	300	13
360410	1"	25	200	12
360414	11/4"	10	150	13
360415	11/2"	10	50	7
360420	2"	5	50	10

Adapts polyethylene tubing to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

Desc. Part# Size Pkg. Box Box Wt. Qty. Qty.

NYLON INSERT ELBOW (INSERT X INSERT)



	<u> </u>		•• /		
	360705	1/2"	20	400	12
	360707	3/4"	20	300	14
λ	360710	1"	10	40	5
y	360714	11/4"	10	40	5
	360715	1 ½"	5	50	9
	360720	2"	5	40	14

Used to change direction in piping.

NYLON INSERT TEE (INSERT X INSERT X INSERT)



	361405	1/2"	20	260	12
	361407	3/4"	20	300	20
0	361410	1"	10	100	14
	361414	11/4"	10	100	22
	361415	1 ½"	5	40	13
	361420	2"	5	25	12
			1 11		

Used to provide a branch supply line from a main line.

NYLON INSERT COMBINATION ELBOW (INSERT X MIP)



19FILL COMP		(II 13EIN	1 // // // //	/
362805	1/2"	20	400	13
362807	3/4"	20	200	11
362810	1"	10	100	10
362814	11/4"	10	80	14
362815	1 ½"	5	50	12

Used to change direction. Adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

STEEL INSERT COUPLING (INSERT X INSERT)



<u>370105</u>	1/2"	10	100	12
370107	3/4"	10	100	24
370110	1"	10	100	45
370114	11/4"		20	11
370115	1 ½"		20	14
370120	2"		10	12

Used to join polyethylene tubing.

STEEL INSERT MALE ADAPTER (INSERT X MIP)



370405	1/2"	25	4
370407	3/4"	25	6
370410	1"	20	8
370414	11/4"	20	11
370415	1 ½"	20	15
370420	2"	10	11

Adapts polyethylene tubing to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

400 SERIES PVC SEWER PIPE, PVC, STYRENE & CORRUGATED SEWER FITTINGS

Sewer & Drain pipe and fittings are used for sewer lines, septic tank seepage systems and perimeter drains.



-Solid & Perforated PVC Sewer Pipe

- "3" & 4" meets ASTM D2729
- "4" & 6" SDR 35 meets ASTM D3034
- Pipe measures 10' before belling

PVC Sewer Fittings

- *3" meets ASTM D2949 or exceeds ASTM D2729
- "4" & 6" meets ASTM D3034
- Styrene Sewer Fittings "S"Meets ASTM D2852
- •Corrugated Sewer Fittings
 •Meets ASTM F405
- Sewer pipe sizes are sometimes referred to as PSM (Plastic Sewer Main).
- Solvent weld joints on PVC and Styrene Fittings.
- "S" prefix denotes fitting is made of Styrene.
- HDPE Corrugated fittings snap together. Use with HDPE Corrugated pipe.

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After business hours please leave a phone message and we will return your call on the next business day.

PVC SEWER PIPE, PVC & STYRENE SEWER FITTINGS

Desc.	Part#	SIZE	ASIM	Bal.	SKIA	Bai.
			Standard	Qty.	Qty.	Wt.
				>		
VINYL SEW	VER AND I	<u>DRAIN PIP</u>	<u>E (</u> 10' BELL	END)		
	40030	3" Solid	D2729	5	75	25
	40031	3" Perf.	D2729	5	75	25
	40040	4" Solid	D2729	5	120	30
	40041	4" Perf.	D2729	5	120	30
	40041I*	4" Perf.	D2729	5	120	30
	40066	6" Solid	D2729		24	310
	40050	4" Solid	D3034	5	80	51
	40051	4" Perf.	D3034	5	80	51
	40060	6" Solid	D3034		24	558
	An intorr	مر من طريط ام		aaab	langt.	

An integral hub is provided on each length of sewer and drain pipe to facilitate easy joining without the need for additional couplings. Pipe is perforated with 2 rows of 5/8" holes on 5" centers 120° apart. 3" Pipe is perforated with 2 rows of 1/2" holes on 5" centers 120° apart.

* This pipe is perforated with 3 rows of 3/4" holes on 5" centers 120° apart. Meets Indiana code.

(Note: Be sure to order by the length.)

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
COUPLING (HUB X HUB)					
	40130	3"		20	6
	S40130	3"		20	5
	40140	4"	10	50	22
	S40140	4"	10	50	18
	40160	6"		5	8
	S40160	6"		5	6

Used to join straight lengths of pipe.

REDUCING COUPLING (SEWER HUB X SEWER HUB)



<u>540142</u>	4" x 2"	20	<u>6</u>
40143	4" x 3"	20	9
S40143	4" x 3"	20	7
41540	6" x 4"	10	13
S41540	6" x 4"	10	1

Used to increase or reduce pipe sizes.

ADAPTER COUPLING (SEWER HUB X PVC-DWV HUB)



40131	3" x 1½"	20	7
40132	3" x 2"	20	6
41534	3" x 4"	20	16
41543	4" x 3"	20	12
41544	4" x 4"	10	7
41564	6" x 4"	5	7

Used to join straight lengths of pipe.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
CAP (HUB))				
	40153	3"		20	4
	S40153	3"		20	4
	40154	4"		10	4
	S40154	4"		10	3
	40156	6"		5	6
	S40156	6"		5	5
	Used to p	permanently or te	emporarily of	cap p	ipe.

REDUCING BUSHING (SEWER SPIGOT X SEWER HUB)



40264	6" x 4"	5 6	5
S40264	6" x 4"	5 5	5

Inserts into fitting hub to reduce to smaller pipe size.

ADAPTER BUSHING (SEWER SPIGOT X PVC-DWV HUB)



40231	3" x 1½"	20	7
40232	3" x 2"	20	8
S40241	4" x 1½"	10	3
S40242	4" x 2"	10	4

Adapts a sewer and drain fitting hub to Schedule 40 IPS (700 Series pipe size).

ADAPTER BUSHING (SEWER SPIGOT X FIP)



	44241	4" x 1½"	10	3
١	S44241	4" x 1½"	10	3

Inserts into fitting hub to reduce to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

ADAPTER BUSHING (PVC-DWV SPIGOT X SEWER HUB)



45330 3" x 3" 20 3
Adapts a Schedule 40 IPS fitting hub to sewer

FEMALE ADAPTER (HUB X FIP)



 (,		
40330	3"	20	10
S40330	3"	20	4
40340	4"	10	7
S40340	4"	10	5
40360	6"	5	6

Adapts sewer pipe to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

MALE ADAPTER (HUB X MIP)



40430	3"	20	7
S40440	4"	30	11

Adapts sewer pipe to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

PVC & STYRENE SEWER FITTINGS

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

VINYL TO CLAY ADAPTER



CLAY SPIGOT TO SEWER PIPE (HUB X HUB)

41540	4"	10	13
S41540	4"	10	10

Used to connect vinyl sewer pipe to clay tile.

VINYL TO CAST IRON ADAPTER



CAST IRON HUB TO SEWER PIPE (SPIGOT X HUB)			
40540	4"	10	4
S40540	4"	10	7



CAST IRON SPIGOT TO SEWER PIPE (HUB X HUB) **41740** 4" 10 8

Can be joined to cast iron with oakum and poured lead or lead substitute.

22½° ELBOW (HUB X HUB)



40830	3"	20	10
40840	4"	10	7
S40840	4"	10	5
40860	6"	5	10

Used to change direction in piping. Sometimes called a "Sixteenth Bend".

45° ELBOW (HUB X HUB)



40630	3"	20	10
S40630	3"	20	7
40640	4"	10	8
S40640	4"	10	6
40660	6"	5	12
S40660	6"	5	11

Used to change direction in piping. Sometimes called an "Eighth Bend".

45° STREET ELBOW (HUB X SPIGOT)



42730	3"	20	9
S42730	3"	20	7
42740	4"	10	8
S42740	4"	10	6
42760	6"	5	12
S42760	6"	5	11

Used to change direction in piping. Sometimes called a "Street Eighth Bend".

90° SANITARY ELBOW (HUB X HUB)



42830	3"	20	14
S42830	3"	20	10
42840	4"	10	11
S42840	4"	10	8
42860	6"	8	23

Used to change direction in piping. Sometimes called a "Quarter Bend".

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

90° SANITARY STREET ELBOW (HUB X SPIGOT)



42936	3"	20	14
S42936	3"	20	9
42940	4"	10	11
S42940	4"	10	9

Used to change direction in piping. Sometimes called a "Street Quarter Bend".

90° SHORT TURN STREET ELBOW (HUB X SPIGOT)



42946	4"	10	8
42966	6"	5	15

Used to change direction in piping. Sometimes called a "Street Quarter" Bend".

90° SHORT TURN ELBOW (HUB X HUB)



40730	3"	20	10
S40730	3"	20	7
40740	4"	10	9
S40740	4"	10	7
40760	6"	5	16
S40760	6"	5	13

Used to change direction in piping. Sometimes called a "Short Turn Quarter Bend".

WYE (HUB X HUB X HUB)



3"	20	19
3"	20	14
4"	10	16
4"	10	12
6"	6	28
6"	6	20
6" x 6" x 4"	5	22
	3" 4" 4" 6"	3" 20 4" 10 4" 10 6" 6

Used to connect horizontal branch line into straight sewer line. Also, used with cleanout to provide access to piping.

SANITARY TEE (HUB X HUB X HUB)



(110D)	(1100/1100/		
41130	3"	20	22
S41130	3"	20	13
41140	4"	10	14
S41140	4"	10	11
41160	6"	6	23

Used to connect vertical branch line into straight sewer line. Also, used with cleanout to provide access to piping.

PVC & STYRENE SEWER FITTINGS

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
BULL NOS	E TEE (HUB X I	HUB X HUB)			
	41430	3"		10	8
	S41430	3"		20	11
	41440	4"		10	11
	S41440	4"		10	9
	41460	6"		5	19
	S41460	6"		5	17
	41464	6" x 6" x 4"		6	21
	S41464	6" x 6" x 4"		6	20

Used primarily in seepage bed piping grids in conjunction with perforated pipe. Used where flow characteristics are not a primary consideration.

TWO-WAY CLEANOUT (HUB X HUB X HUB)



4" 10 16
Used with a vertical pipe stack, this fitting

provides for above ground level access to piping.

FITTING CLEANOUT BODY (SPIGOT X FIP)



41629	3"	20	7
S41629	3"	20	4
41639	4"	10	4
S41639	4"	10	4
41659	6"	5	6

Solvent welds into fitting hub and adapts to male threaded plug. Teflon thread tape is recommended for threaded joints.

FITTING CLEANOUT W/THREADED PLUG



41640	4"	10	8
\$41640	1 "	10	6

Solvent welds into fitting hub to provide access to piping. Teflon thread tape is recommended for threaded joints.

PLUG (MIP)



<u>S41830</u>	3"	20	4
41840	4"	10	3
41860	6"	5	4
S41860	6"	5	4

Used to form a removable closure. Teflon thread tape is recommended for threaded joints.

CROSS (ALL HUB)



43240	4"	10	23
S43240	4"	10	10

Used to connect two branch lines approaching a main sewer pipe from opposing directions. Used primarily in seepage bed grid in conjunction with perforated pipe.

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

SADDLE (STREET/SOCKET DESIGN)



,	,		
41241	4" x 1½"/2"	10	5
S41241	4" x 1½"/2"	10	4

Solvent welds directly to side of sewer pipe to provide a simple way of connecting a branch into a drain pipe. The inlet is constructed to accept a $2^{"}$ fitting over its outside diameter or an $1\frac{1}{2}$ pipe into its inside diameter.

DOWNSPOUT ADAPTER



(SEWER HUB OR SCH. 40 SPIGOT)

S45233	2" x 3" x 3"	10	100	27
45234	2" x 3" x 4"		10	5
S45234	2" x 3" x 4"		10	4
45344	3" x 4" x 4"		10	5
S45344	3" x 4" x 4"		10	4

Used to connect rain gutter downspouts to underground sewer piping.

OFFSET DOWNSPOUT ADAPTER



(SEWER HUB OR SCH. 40 SPIGOT)

46234	2" X 3" X 4"	10	<u>5</u>
46344	3" X 4" X 4"	10	5

Used to connect rain gutter downspouts to underground sewer piping.

VINYL "HUB-FIT" FLOOR STRAINER



49230	3"	20	5
S49230	3"	20	4
49240	4"	10	5
S49240	4"	10	4

Prevents debris from entering a drain opening on the floor. Fits flush into any fitting hub.

SINGLE WALL HDPE CORRUGATED FITTINGS

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
EXTERNA	L SNAP COL	JPLING (HUB X HUB))		
	48030	3"		24	3
	48040	4"		20	3
	48060	6"		8	3
	Snaps over	pipe to connect t	wo pie	ces of	pipe.

INTERNAL SNAP COUPLING (INSERT X INSERT)



48230	3"	30	3
48240	4"	25	5
48260	6"	8	3

Snaps inside pipe to connect two pieces of pipe.

OFFSET REDUCING COUPLING (HUB X HUB)



48043	4" x 3"	20	4
48064	6" x 4"	8	3

Transitions from one size pipe to another.

CAP (HUB)



48153	3"	20	2
48154	4"	30	4
48156	6"	10	2

Used to terminate pipe.

CORRUGATED TO RIGID ADAPTER (INSERT X HUB)



48430	3"	20	2
48440	4"	24	4

Connects corrugated pipe directly to rigid pipe or to rigid fitting.

90° ELBOW (HUB X HUB)



48830	3"	15	4
48840	4"	12	3
48860	6"	4	3

Changes direction of pipe, sometimes called a "Quarter Bend".

STRAIGHT TEE (HUB X HUB X HUB)



48130	3"	12	3
4 <u>8140</u>	4"	12	4
48160	6"	4	4

Connects lateral or riser pipe to drain line.

REDUCING TEE (HUB X HUB X HUB)



48464	6" X 6" X 4"	3	3

Connects smaller branch pipe to drain line. Cut off branch socket(s) to make 5" or 6" socket.

BLIND TEE (HUB X HUB)



48560	6"	3	3
48564	6" X 6" x 4"*	3	4

Used as a 90° Elbow. Cut off 6" cap to make a Hub x Hub x Hub Tee. * Cut off branch socket(s) to make 5" or 6" socket.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
WYE (HUB	X HUB X HUB)				
	48630	3"		10	4
	48640	4"		8	4
Million	48660	6"		4	5
-000000000	48664	6" x 6" x 4"*		4	5
	Connects late	ral branch pipe t	o drair	ı line.	*Cut
F. Milling	off 4" branch	socket to make	6" sock	ket.	

DOWNSPOUT ADAPTER (DS X INSERT)



48233	2" x 3" x 3"	15	2
48234	2" x 3" x 4"	18	3
48344	3" x 4" x 4"	15	3
48466	4" x 6" x 6"	2	1

Used to transition from rain gutter downspout to corrugated pipe. Snaps inside corrugated pipe.

Chlorinated Polyvinyl Chloride (CPVC) tubing and fittings are used within buildings for potable hot and cold water distribution from the water meter to fixtures.



-CPVC Tubing and Fitting Systems

- *Meets ASTM D2846
- "Rated for 400 PSI @ 73° F & 100 PSI @ 180° F "NSF Listed
- No Lead CPVC Fittings
 - Product Certified to NSF Standard 61, Annex G
 - *Weighted Average Lead Content Of < 0.25%
 - California and Vermont Approved

- Outside diameters are the same as copper tube. (CTS=Copper Tube Size)
- CPVC systems are accepted by all major model building codes.
- Carded (c) parts contain bar code and installation instructions.
- CPVC tubing is rated at 210° for water heater relief valve drain applications.
- Solvent weld joints

800.521.7488 or 810.744.4500 Fax: 810.744.3130 www.genovaproducts.com • inquiry@genovaproducts.com 8 a.m. to 5 p.m. - Eastern Standard Time (Monday-Friday)

CPVC TUBING AND FITTINGS



52405	1/4" x 5'	10	100	4200	2
50005	1/2" x 10'	10	100	1000	9
50025	1/2" x 5'	10	100	1000	4
50007	3/4" x 10'	10	50	500	15
50035	3/4" x 5'	10	50	500	7
560010	1" x 10'	5	_	480	12
560011	11/4" x 10'	5	_	250	18
560012	1½" x 10'	5	_	225	25
560022	2" x 10'	5	_	120	43

(Note: Be sure to order by the length and not by the foot.)

Desc.	Part#	Size	Coil	Coil	Coil
			Size	Qty.	Wt.

CPVC TUBING



<u>52421</u>	1/2"I.D./5/8"O.D.	100'	1	9
<u>52431</u>	3/4"I.D./7/8"O.D.	100'	1	15

6011011111	* (CLIP \(CLIP)			
Desc.	Part#	Size	Pkg. Qty.	

COUPLING (SLIP X SLIP)



50105	1/2"	20	500	9
50107	3/4"	20	260	9
50110	1"	10	100	7
50114	11/4"	10	100	10
50115	11/2"	10	50	9
50120	2"	5	25	9

Used to join straight lengths of CPVC tubing.

COUPLING (SLIP X SLIP)

CONTRACTOR PACK



50105CP	1/2"		50	9
50107CP	3/4"		25	8

Conveniently packaged in quantities of 10.

REDUCING COUPLING (SLIP X SLIP)



50175	3/4" x 1/2"	10	500	13
50117	1" x 3/4"	10	100	5

Used to join straight lengths of CPVC tubing. Reduces to smaller size tubing.

REPAIR COUPLING (NO STOP) (SLIP X SLIP)



50102	1/2"	10	100	2
50103	3/4"	10	50	2
50111	1"	10	20	1

Furnished without center stop so that stationary lengths of pipe can be spliced together.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
CAP (SLIP))				
	<u>50155</u>	1/2"	10	500	6
(())	<u>50157</u>	3/4"	10	250	6
	<u>50158</u>	1"	10	100	5
	<u>50159</u>	11/4"	10	100	7
	<u>50151</u>	11/2"	10	50	6
	50152	2"	5	25	6
	Used to perm	nanently or ten	nporaril	у сар (CPVC

Used to permanently or temporarily cap CPVC tubing. Most often used in conjunction with short lengths of CPVC tubing to fabricate water hammer arrestors (air chambers) in the CPVC system.

REDUCING BUSHING (SPIGOT X SLIP)



ROSHING	(SPIGOT X SLIP)			
50275	3/4" x 1/2"	10	500	9
50215	1" x 1/2"	10	100	4
50217	1" x 3/4"	10	100	3
50245	11/4" x 1/2"	10	100	6
50247	11/4" x 3/4"	10	100	6
50240	11/4" x 1"	10	100	5
50255	1½" x 1/2"	10	100	9
50257	1½" x 3/4"	10	100	10
50250	1½" x 1"	10	100	9
50254	1½" x 1¼"	10	100	7
50225	2" x 1/2"	10	50	10
50227	2" x 3/4"	10	50	9
50220	2" x 1"	10	100	18
50224	2" x 11/4"	10	50	10
50221	2" x 1½"	10	50	8
11	-l C C. L	1	+ + - CD\ /C	

Used to reduce from fitting socket to CPVC tubing.

PVC TO CPVC BUSHING (IPS SPIGOT X CTS SLIP)



55305	1/2"	10	200	4
55307	3/4"	10	200	5
55310	1"	10	100	4
55314	11/4"	5	25	2
55315	1 ½"	5	25	2
55320	2"	5	25	3

Used in COLD WATER APPLICATIONS ONLY to adapt from a PVC fitting socket to CPVC tubing.

SPECIAL FEMALE ADAPTER (SLIP X FIP)



50305	1/2"	20	500	17
50307	3/4"	10	250	11
50310	1"	10	100	9

Used to adapt male pipe threads to CPVC tubing. A special elastomeric gasket ensures a leakproof seal. Hand-tighten only! This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary or recommended.

CPVC FITTINGS 500 SERIES

Box

Wt.

Desc. Part# Size Pkg. Box Qty. Qty.

MALE ADAPTER (MIP X SLIP)



50405	1/2"	20	500	12
50407	3/4"	10	250	12
50410	1"	10	100	7
50414	11/4"	10	50	5
50415	1 ½"	10	50	8
50420	2"	5	25	9

Used to adapt female pipe threads to CPVC tubing in COLD WATER APPLICATIONS ONLY! Where hot water or changing water temperatures are likely to be encountered, utilize the recommended TRANSITION UNIONS. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless specifically approved by the manufacturer.

MALE ADAPTER (MIP X SLIP)

CONTRACTOR PACK



50405CP	1/2"	50	11
50407CP	3/4"	25	12

Conveniently packaged in quantities of 10.

RISER ADAPTER (MIP X SLIP)



Connects to all flexible supply lines and solvent welds onto CPVC pipe.

REDUCING MALE ADAPTER (MIP X SLIP)



1/2" x 3/4" 10 250 50475 Used to adapt to metal FIP threaded fittings in

COLD WATER APPLICATIONS ONLY! Reduces to smaller pipe size. Teflon thread tape is recommended for threaded joints.

PVC TO CPVC ADAPTER (IPS SLIP X CTS SLIP)



3/4" 51577 250 Used in COLD WATER APPLICATIONS ONLY to adapt from CPVC pipe to PVC pipe.

45° ELBOW (SLIP X SLIP)



50605	1/2"	20	500	11
50607	3/4"	20	260	10
50610	1"	10	50	4
50614	11/4"	10	50	6
50615	1 ½"	10	50	10
50620	2"	5	25	11

Used to change direction in piping. Sometimes used in conjunction with a 12" length of CPVC tubing on long runs to absorb expansion.

Desc. Part# Size Box Pkg. Box Qty. Qty. Wt.

45° STREET ELBOW (SLIP X SPIGOT)



52705	1/2"	20	500	14
52707	3/4"	20	260	13

Used on close offsets where very short pieces of CPVC pipe would otherwise have to be used with conventional 45° elbows. A principal use is to offset piping over and around existing piping mounted on flat surfaces such as a wall or ceiling.

90° ELBOW (SLIP X SLIP)



	50705	1/2"	20	500	14
	50707	3/4"	20	260	15
١	50710	1"	10	100	10
'	50714	11/4"	10	100	15
	50715	11/2"	10	50	13
	50720	2"	5	25	14
	50714 50715	1½" 1½"	10	100	15 13

Used to change direction in piping.

90° ELBOW (SLIP X SLIP)

CONTRACTOR PACK



50705CP	1/2"	50	14
50707CP	3/4"	25	14

Conveniently packaged in quantities of 10.

REDUCING 90° ELBOW (SLIP X SLIP)



50775 3/4" x 1/2" 10 250 Used to change direction in piping. This elbow can also be used as a 3/4" Street Elbow.

90° STREET ELBOW (SLIP X SPIGOT)



52905	1/2"	10	500	16
52907	3/4"	10	250	16

Used to change direction in piping 90° from a fitting socket. The 3/4" Elbow (Part No. 52907) can also be used as a 3/4" x 1/2" reducing elbow.

TEE (SLIP X SLIP X SLIP)



51405	1/2"	20	500	17
51407	3/4"	20	260	19
51410	1"	10	100	12
51414	11/4"	10	50	10
51415	11/2"	5	25	8
51420	2"	5	25	17

Used to provide a branch supply line from a main line.

TEE (SLIP X SLIP X SLIP)

CONTRACTOR PACK



51405CP	1/2"	50	17
51407CP	3/4"	25	19

Conveniently packaged in quantities of 10.

Desc. Part# Size Pkg. Box Box Qty. Qty. Qty. Wt.

REDUCING TEE (SLIP X SLIP X SLIP)



FIEE (SLIP	A SLIP A SLIP)			
51471	3/4" x 3/4" x 1/2"	20	260	17
51473	3/4" x 1/2" x 1/2"	20	260	14
51476	3/4" x 1/2" x 3/4"	20	260	16
51475	1" x 1" x 1/2"	5	25	3
51477	1" x 1" x 3/4"	5	25	3
51490	11/4" x 11/4" x 1/2"	5	25	4
51491	11/4" x 11/4" x 3/4"	5	25	5
51474	11/4" x 11/4" x 1"	5	25	5
51493	1½" x 1½" x 1/2"	5	25	7
51494	1½" x 1½" x 3/4"	5	25	7
51495	1½" x 1½" x 1"	5	25	8
51419	1½" x 1½" x 1¼"	5	25	8
51435	2" x 2" x 1"	5	25	14
51436	2" x 2" x 11/4"	5	25	15
51472	2" x 2" x 1½"	5	25	16
Used to pe	rovide a branch cup	nly lin	a from	2

Used to provide a branch supply line from a main line. Reduces to smaller pipe size.

ICE MAKER KIT ASSEMBLY (SLIP)



53364 1/2" 50 !

Kit solvent welds to 5/8" O.D. CPVC tubing for use in hooking up any appliance served by 1/4" O.D. tubing.

SPECIAL TORQUE ESCUTCHEON



530131	1/2" (C)		10	1
53013	1/9"	10	50	9

This special flange is designed to prevent torque damage on CPVC pipes exiting through walls to which valves or threaded transition fittings are attached. The "torque flange" is welded to the pipe and fastened to the wall with screws thereby preventing twisting motion being transmitted to concealed joints.

LINE VALVE (SLIP X SLIP)



<u>530151</u>	3/4"/ 1/2" (C)	10	3
53015	3/4"/ 1/2"	10	2
530161	3/4"/ 1/2" W/WASTE (C	() 5	2
53016	3/4"/ 1/2" W/WASTE	10	2
530311	1"/ 3/4" (C)	5	2
53031	1"/ 3/4"	10	3
53032	1"/ 3/4" W/WASTE	10	3



This unique valve employs the globe valve principle and is manufactured of high temperature thermoplastics. It is designed to solvent weld to CPVC tubing. This valve employs the "Street/Socket" feature which allows it to be used with 1/2", 3/4", and 1" CPVC tubing. (2-3/4" couplings are required to attach the valve to 3/4" CPVC tubing. 2-1" couplings are required to attach the valve to 1" CPVC tubing).

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

STOP VALVE (FIP X FIP)



<u> </u>	/		
53018	1/2"	12	3
53038	1/2" W/WASTE	12	3
53019	3/4"	12	3
53039	3/4" W/WASTE	12	3

This valve employs the globe valve principle. Used with male threaded pipe in hot or cold water applications (up to 150 PSI @ 180° F). Teflon thread tape is recommended for threaded joints.

BALL VALVES (SLIP X SLIP)



57305	1/2"	10	2
57307	3/4"	5	3

These ball valves are full flow valves with Teflon® seal and quarter turn operation. For use with CPVC pipe.

BOILER DRAIN (SLIP X MHT)



52028	1/2"	12	3
52029	3/4"	12	3

Solvent welds to CPVC pipe for hot and cold water. (3/4" hose threads)

BOILER DRAIN (MIP X MHT)



53028	1/2"	12	2
53029	3/4"	12	2

For use with female threaded fitting pipe in cold or hot water up to 150 PSI @ 180° F. (3/4" hose thread) Teflon thread tape is recommended for threaded joints.

BOILER DRAIN (FIP X MHT)



53048 1/2" 19
For use with male threaded pipe in cold or hot water up to 150 PSI @180°F. (3/4" hose thread) Teflon thread tape is

recommended for threaded joints.

ANGLE BOILER DRAIN (MIP X MHT)



52033	1/2"	12	3
52034	3/4"	12	3

For use with female threaded fitting in cold or hot water up to 150 PSI @ 180°F. (3/4" hose thread) Teflon thread tape is recommended for threaded joints.

HOSE BIBB (MIP X MHT)



53022	1/2"	12	3
53023	3/4"	12	3

For use with female threaded pipe in cold or hot water up to 150 PSI @ 180° F. ($3/4^{\circ}$ hose thread) Do not use other material compounds unless approved by the manufacturer. Teflon thread tape is recommended for threaded joints.

Desc. Part# Size Pkg. Box Box Wt. Qty. Qty.

1/2"

STRAIGHT VALVE (CPVC X NSPM)



53020 25 100 Solvent welds directly to CPVC tubing and adapts to both metal and plastic Siamese Supply Tubes.

ANGLE VALVE (SLIP X SLIP)



530661	1/2" (C)	10	2
53066	1/2"	10	2

This unique valve provides for changing direction in piping as well as providing a controlled line flow.

WASHER HOSE VALVE (SLIP X MHT)



530671	1/2" (C)	10	2
53067	1/2"	10	2

Solvent welds directly to 1/2" CPVC tubing and adapts to female hose couplings. Most often used in conjunction with a wing elbow (#53056) to supply water to automatic washing machines.

SILLCOCK (SLIP X MHT)



530941	3/4" (C)	5	2
53094	3/4"	20	5

Can be solvent welded directly to 3/4" CPVC water supply line or 1/2" CPVC pipe with a bushing (#50275). Also adapts to copper tubing from CPVC pipe by using a Genogrip adapter (#53085).

FLANGED SILLCOCK (FIP X MHT)



53097	1/2"	10	2
53098	3/4"	10	3

This valve adapts to male metal pipe threads. Do not use other materials or compounds unless approved by the manufacturer. Teflon thread tape is recommended for threaded joints.

WING TEE (SLIP X SLIP X SLIP)



53058 1/2" 25 50

Used on lavatory and sink "rough-ins" instead of a conventional tee, providing a more rigid "rough-in" and eliminates the need for tubing hangers. Also provides for rigid mounting of washer valves for automatic washer hose hook-ups at laundry tray.

WING ELBOW (SLIP X SLIP)



530561	1/2" (C)	5	1
53056	1/2"	25	2

This elbow is used to change direction in piping and features lugs for fastening. Often used in conjunction with Washer Hose Valve (#530671) for hooking up to automatic clothes washers as well as fabricating water supply piping stub outs for toilet installation. Sometimes called a "Drop Ear" elbow.

	Desc.	Part#	Size	Pkg.	Box	Box
ı				Otv.	Otv.	Wt.

SPECIAL FEMALE WING ELBOW (SLIP X FIP)



ATMORE TIME	(SEII ATTI	,	
530551	1/2" (C)	10	2
53055	1/2"	25	2

This elbow adapts from 1/2" CPVC to 1/2" male metal pipe threads and features lugs for fastening. A special elastomeric gasket ensures a leakproof seal. Used on tub and shower faucets to adapt from the 1/2" CPVC riser to the chrome shower arm. Sometimes called a "Drop Ear" elbow. Hand tighten only! This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary or recommended.

HOSE COUPLER (SLIP X FHT)



53124 3/4"

Used to adapt male hose threads to CPVC. This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary or recommended.

MALE HOSE ADAPTER (SPIGOT X MHT)



1/2" St. x 3/4" 10 400 10 53128 This adapter solvent welds directly into 1/2" CPVC fitting socket and adapts to female hose coupling.

90° SWIVEL ELBOW (SLIP X FEMALE NPSM)



54935 1/2"

Allows a direct 90° connection between CPVC tubing and male running threads on faucet. Has a cone washer inside female end to achieve seal.

90° MALE SWIVEL ELBOW (MALE NPSM X FEMALE NPSM)



54945

Provides a 90° change in direction of the male running threads on a faucet. Has a cone washer inside female end to achieve seal.

SWIVEL ADAPTER COUPLING (SLIP X FEMALE NPSM) 1/2"



Allows a direct connection between CPVC tubing and male running threads on faucet. Has a cone washer inside female end to achieve seal.

CPVC TRANSITION ADAPTER (SPIGOT)

54950



50465	1/2"	10	250	5
50467	3/4"	10	50	2

Used in conjunction with a brass compression fitting to transition to a CPVC fitting. Replaces the ferrule.

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt. UNION (SLIP X SLIP) 530911 1/9" (C) 10 9



530211	1/2" (C)		10	2
53021	1/2"	10	20	3
530261	3/4" (C)		10	3
53026	3/4"		10	2

This union solvent welds directly to CPVC tubing and provides a method for future disassembly of tubing without cutting.

TRANSITION UNION (SLIP X BRASS FIP)



<u>530351</u>	1/2" (C)		10	3
53035	1/2"	10	20	4
530401	3/4" (C)		5	2
53040	3/4"		10	3

This special fitting is designed to compensate for the difference in coefficients of expansion which exist between CPVC and metal pipe in hot water applications. Solvent welds directly to CPVC tube and adapts to standard male pipe threads. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by manufacturer.

TRANSITION UNION (SLIP X BRASS MIP)



530451	1/2" (C)		10	4
53045	1/2"	10	20	5
530501	3/4" (C)		5	2
53050	3/4"		10	4

This special fitting is designed to compensate for the difference in coefficients of expansion which exist between CPVC and metal pipe in hot water applications. Solvent welds directly to CPVC tube and adapts to standard female pipe threads. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by the manufacturer.

TRANSITION UNION (SLIP X BRASS SLIP)



53033	1/2"	20	3
53043	3/4"	20	6

Used to transition from copper or brass tube to CPVC. Permits easy disassembly of piping system. Remove CPVC component and gasket before making sweat connection.

TRANSITION UNION (SLIP X BRASS COMPRESSION)



53034	1/2"	20	6
53044	3/4"	10	5

Used to transition from copper or brass tube to CPVC. Permits easy disassembly of piping system. Uses replaceable brass ferrule. **Not for use with PEX tubing.**

Desc.	Part#	Size	Pkg.	Rox	Box
Desc.	i di c//	3126			
			Qty.	Qty.	Wt.

TRANSITION UNION (SLIP X BRASS MIP)



53374	1/2"	20	4
53376	3/4"	20	7
53037	1/2" x 3/4"	20	5

Used to transition from metal female pipe threads to CPVC. Permits easy disassembly of piping system.

TRANSITION UNION (SLIP X BRASS FIP)



53373	1/2"	20	4
53375	3/4"	20	8
53046	1"	10	5

Used to transition from metal male pipe threads to CPVC. Permits easy disassembly of piping system.

DROP EAR ELBOW (SLIP X BRASS FIP)



Used to transition from metal male pipe threads to CPVC. Provides for rigid installation by mounting elbow to wall. Usually used for shower arm or washer hose valve installation.

1 PIECE DESIGN

DROP EAR ELBOW (SLIP X BRASS FIP)

57072



Used to transition from metal male pipe threads to CPVC. Provides for rigid installation by mounting elbow to wall. Usually used for shower arm or washer hose valve installation.

1/2"

1 PIECE DESIGN

TRANSITION ADAPTER (SLIP X BRASS MIP)



57605	1/2"	25	4
57607	3/4"	20	5

Used to transition from metal female pipe threads to CPVC.

1 PIECE DESIGN

TRANSITION ADAPTER (SLIP X BRASS FIP)



57905	1/2"	25	4
57907	3/4"	20	5

Used to transition from metal male pipe threads to CPVC.

NO LEAD CPVC FITTINGS

Desc. Part# Size Box Desc. Part# Size Pkg. Box Pkg. Box Box Qty. Qty. Qty. Qty. Wt.

- PRODUCT CERTIFIED TO NSF STANDARD 61, ANNEX G
- WEIGHTED AVERAGE LEAD CONTENT OF $\leq 0.25\%$
- CALIFORNIA AND VERMONT APPROVED

TRANSITION UNION (SLIP X BRASS FIP)



, , , , , , , , , , , , , , , , , , ,	O-11 /	,		
530351Z	1/2" (C)		10	3
53035Z	1/2"	10	20	4
530401Z	3/4" (C)		5	2
53040Z	3/4"		10	3

This special fitting is designed to compensate for the difference in coefficients of expansion which exist between CPVC and metal pipe in hot water applications. Solvent welds directly to CPVC tube and adapts to standard male pipe threads. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by manufacturer.

TRANSITION UNION (SLIP X BRASS MIP)



530451Z	1/2" (C)		10	4
53045Z	1/2"	10	20	5
530501Z	3/4" (C)		5	2
53050Z	3/4"		10	4

This special fitting is designed to compensate for the difference in coefficients of expansion which exist between CPVC and metal pipe in hot water applications. Solvent welds directly to CPVC tube and adapts to standard female pipe threads. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by the manufacturer.

TRANSITION UNION (SLIP X BRASS SLIP)



53033Z	1/2"	20	3
53043Z	3/4"	20	6

Used to transition from copper or brass tube to CPVC. Permits easy disassembly of piping system. Remove CPVC component and gasket before making sweat connection.

TRANSITION UNION (SLIP X BRASS COMPRESSION)



53034Z	1/2"	20	6
53044Z	3/4"	10	5

Used to transition from copper or brass tube to CPVC. Permits easy disassembly of piping system. Uses replaceable brass ferrule. **Not for use with PEX tubing.**

TRANSITION UNION (SLIP X BRASS MIP)



53374Z	1/2"	20	4
53376Z	3/4"	20	7
53037Z	1/2" x 3/4"	20	5
5303/L	1/2" X 3/4"	20	5

Used to transition from metal female pipe threads to CPVC. Permits easy disassembly of piping system.

TRANSITION UNION (SLIP X BRASS FIP)



53373Z	1/2"	20	4
53375Z	3/4"	20	8
53046Z	1"	10	5

Used to transition from metal male pipe threads to CPVC. Permits easy disassembly of piping system.

DROP EAR ELBOW (SLIP X BRASS FIP)

53071Z 1/2" 20



Used to transition from metal male pipe threads to CPVC. Provides for rigid installation by mounting elbow to wall. Usually used for shower arm or washer hose valve installation.

1 PIECE DESIGN

DROP EAR ELBOW (SLIP X BRASS FIP)

th

57072Z 1/2" 20 4 Used to transition from metal male pipe threads to CPVC. Provides for rigid installation by mounting elbow to wall. Usually used for shower arm or washer hose valve installation.

1 PIECE DESIGN

TRANSITION ADAPTER (SLIP X BRASS MIP)



57605Z	1/2"	25	4
57607Z	3/4"	20	5

Used to transition from metal female pipe threads to CPVC.

1 PIECE DESIGN

TRANSITION ADAPTER (SLIP X BRASS FIP)

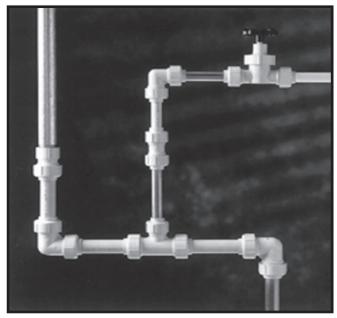


57905Z	1/2"	25	4
57907Z	3/4"	20	5

Used to transition from metal male pipe threads to CPVC.

PEX Tubing and Universal Fittings are copper tube size products (CTS) used in hot and cold potable water distribution systems in residential, marine, and RV applications. All sizes listed are nominal, which are approximately the same size as the inside diameter (I.D.). The outside diameter (O.D.) of CTS tubing is the nominal size plus 1/8".

Nominal Size	1/4"	3/8"	1/2"	3/4"
Outside Diameter	3/8"	1/2"	5/8"	7/8"



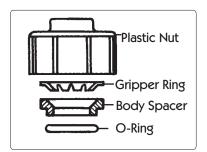
•PEX Tubing

- *Meets ASTM F876-877
- •200 PSI @ 73° F, 100 PSI @ 180°F
- *NSF Listed

Universal Fittings

- *Meets ASTM D3309
- ***200** psi @ 73° F, 100 psi @ 180° F
- *NSF Listed

- Avoid installation where product will be exposed to excessive sunlight.
- Universal Fittings
 - Leak-proof mechanical joints
 - Hand-tighten only!
 - Connects to copper, CPVC, PEX and other copper tube size products.
 - Carded (c) parts contain bar code and installation instructions.
 - Note the order in which each of the component parts are installed. Be sure all parts are present and in this order before installing.
- PEX Tubing
 - Do not solvent weld!



800.521.7488 or 810.744.4500 Fax: 810.744.3130

www.genovaproducts.com • inquiry@genovaproducts.com

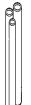
8 a.m. to 5 p.m. - Eastern Standard Time (Monday-Friday)

After business hours please leave a phone message and we will return your call on the next business day.

PEX TUBING & UNIVERSAL FITTINGS

Desc.	Part#	Size	Coil Size	Coil Qty.	Coil Wt.		
PEX COILS - CROSS-LINKED POLYETHYLENE							
	56421	1/2"	100'	1	6		
	56431	3/4"	100'	1	<u>10</u>		
	564241	1/2"	25'	5	10		
	<u>564341</u>	3/4"	25'	4	<u>13</u>		
Desc.	Part#	Size	Bdl. <i>N</i> Qty. (Lgths.) (Astr.Bdl Qty. [Lgths.)	Wt.		

PEX TUBING-CROSS-LINKED POLYETHYLENE



56405	1/4" x 5'	10	100	16
56425	1/2" x 5'	10	50	16
56435	3/4" x 5'	10	30	17

This alternative to PB tubing offers outstanding corrosion and heat resistance. Flexible PEX tubing can be joined to CPVC fittings with Genogrip® Adapters or Genova Universal Fittings.

COLIDIING							
			Qty.	Qty.	Wt.		
Desc.	Part#	Size	Pkg.	Box	Box		

COUPLING



541031	1/4" (C)		5	1
54103	1/4"	10	20	2
54102	3/8"	10	20	3
541051	1/2" (C)		5	1
54105	1/2"	10	20	2
541071	3/4" (C)		5	1
54107	3/4"	10	20	3

Designed to join PEX, copper, or CPVC tubing.

REDUCING COUPLING



541531	1/2" x 1/4" (C)		5	1
54153	1/9" x 1/4"	10	90	9

Joins 1/2" PEX, copper or CPVC tubing to 1/4" PEX, copper or CPVC tubing.

FEMALE ADAPTER (FIP)



54302	3/8"	10	20	2
543051	1/2" (C)		5	1
54305	1/2"	10	20	2
543071	3/4" (C)		5	1
54307	3/4"	10	20	2

Designed to adapt from metal male pipe thread to PEX, copper or CPVC tubing. **Hand** tighten only! This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary or recommended.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
MALE ADA	APTER (MIP)		-		
	54402	3/8"	10	20	2
	544051	1/2" (C)		5	1
	54405	1/2"	10	20	2
	544071	3/4" (C)		5	1
	54407	3/4"	10	90	O

Designed to adapt from metal female pipe thread to PEX, copper or CPVC tubing on the COLD WATER SIDE ONLY of a hot and cold water supply system. Where hot or changing temperatures are likely to be encountered, utilize the recommended Genova Universal Transition Male Adapter in conjunction with a Genova Universal Coupling. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless specifically approved by the manufacturer.

BRASS TRANSITION MALE ADAPTER (MIP X METAL SPIGOT)



544631	3/8" x 1/2" (C)		10	2
544651	1/2" (C)		10	2
54465	1/2"	10	50	7
54467	3/4"	10	20	6

This all brass adapter is used to transition from metal female pipe threads to a Universal fitting.

90° ELBOW



54702	3/8"	10	20	3
547051	1/2" (C)		5	1
54705	1/2"	10	20	3
547071	3/4" (C)		5	1
54707	3/4"		10	2

Used to change the direction in piping and is designed to join PEX, copper or CPVC tubing.

1/2"

90° SWIVEL ELBOW

54905



Allows a direct 90° connection between 5/8" O.D. PEX, copper, or CPVC tubing and male running threads on faucet. Has a cone washer inside female end to achieve seal. Hand tighten only! This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary or recommended.

10 20 3

TEE



54502	3/8"	10	3
545051	1/2" (C)	5	1
54505	1/2"	10	2
545071	3/4" (C)	5	2
54507	3/4"	10	3

This fitting is used to provide a branch from a main line and is designed to join to PEX, copper, or CPVC tubing.

UNIVERSAL FITTINGS

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

REDUCING TEE



545751	3/4" x 3/4" x 1/2" (C)	5	2
54575	3/4" x 3/4" x 1/2"	10	3

Used to provide a branch from a main line and is designed to join to PEX, copper, or CPVC tubing.

STACKABLE STREET TEE



	·		
54605	1/2"	10	2

Primarily used for constructing water supply manifolds. Can be "stacked" together in a small space without the need for short pieces of tubing.

REDUCING STACKABLE STREET TEE



3/4" x 5/8" St. x 1/2" 54675

Primarily used for constructing water supply manifolds. Can be "stacked" together in a small space without the need for short pieces of tubing.

LINE VALVE



54002	3/8"	10	4
540051	1/2" (C)	5	2
54005	1/2"	10	3
540071	3/4" (C)	5	2
54007	3/4"	10	4

This unique valve mechanically joins water supply tubing utilizing a special locking ring and an elastomeric seal. It can be used to join PEX, copper or CPVC tubing.

GATE VALVE (BRASS)



530271	3/4" (C)	5	6
53027	3/4"	5	5

Used on the hot water heater and any other application where full flow gate valves are desired. It is designed to join PEX, copper or CPVC tubing.

STRAIGHT SUPPLY VALVE



530301	1/2" x 1/4" (C)	10	3
53030	1/2" x 1/4"	10	2

Adapts mechanically and is used where toilet, vanity or sink water supply piping comes through the floor. Designed to join PEX, copper, or CPVC tubing.

ANGLE SUPPLY VALVE



530651	1/2" x 1/4" (C)	10	3
53065	1/2" x 1/4"	10	2

Adapts mechanically and is used where toilet, vanity or sink water supply piping comes through the wall. Designed to join PEX, copper, or CPVC tubing.

Desc.	Part#	Size	Pkg.	Box	Вох
			Qty.	Qty.	Wt.

FEMALE WING ELBOW



II 10 LEDO II				
540551	1/2" (C)		5	1
54055	1/2"	10	20	3

Mechanically joins 1/2" water supply piping to male pipe threads. A special elastomeric gasket ensures a leakproof seal. Usually used for a shower arm connection. Hand tighten only! This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary or recommended.

REDUCING GENOGRIP™ ADAPTER (SLIP X TUBING)



	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		,	
530101	1/2" x 1/4" (C)		10	1
53010	1/2" x 1/4"	25	50	3

Solvent welds directly onto 1/2" CPVC tubing and adapts mechanically to 3/8" O.D. PEX tubing or copper tubing. Most often used to adapt from 1/2" CPVC tubing risers through floor to 3/8" O.D. closet and/or lavatory riser tubes. Can also be used with metal risers.

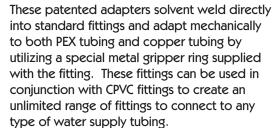
GENOGRIP™ STREET ADAPTER

(SPIGOT X TUBING)



530751	1/2" (C)		10	2
53075	1/2"		25	2
530851	3/4" (C)		10	2
53085	3/4"	10	20	2





REDUCING GENOGRIP™ STREET ADAPTER

(SPIGOT X TUBING)



540041	1/2" x 1/8" (C)	25	10	1
540031	1/2" x 1/4" (C)		10	1
53070	1/2" x 1/4"	25	50	2
540021	1/2" x 3/8" (C)		10	2
540011	3/4" x 1/2" (C)		10	2



Allows any fitting hub to be reduced to accept PEX, copper or CPVC tubing.

GENOGRIP™ ANGLE ADAPTER (SLIP X TUBING)



7111011	MENTION (OLII // II	001110		
530601	1/2" x 1/4" (C)		10	1
53060	1/2" x 1/4"	10	50	3

Solvent welds directly onto 1/2" CPVC tubing and adapts mechanically to 3/8"O.D. PEX tubing or copper tubing. Most often used to adapt from 1/2" CPVC tubing risers through wall to 3/8" O.D. closet and/or lavatory riser tubes. Also, can be used with metal risers.

UNIVERSAL FITTINGS

Desc. Part# Size Pkg. Box Box Desc. Part# Size Pkg. Box Box Wt. Wt. Qty. Qty. Qty. Qty. **HOSE COUPLER SPIGOT MALE ADAPTER** (SPIGOT X MIP) 3/4" 1/2" 10 2 54455 10 50 Adapts male hose threads to CPVC, PEX or Designed to adapt from metal female pipe thread to a Universal Fitting in COLD WATER copper tubing. APPLICATIONS ONLY! **ICE MAKER KIT** <u>5406</u>4 **SPIGOT FEMALE ADAPTER** (SPIGOT X FIP) 10 Kit consists of a 5/8" O.D. tee and 1/4" O.D. **54355** 1/2" 10 50 valve assembly for use in hooking up any Used as a transition from a MIP thread directly appliance served by 1/4" O.D. tubing. to the tubing size opening of any Universal Fitting. **METAL GRIPPER RINGS** 540001 10 20 1 **MALE ELBOW** (MIP) Available for replacement purposes in **55705** 1/2" 20 10 Adapts from female pipe threads to PEX, Genova's Universal fittings. 2 gripper rings of each size are included in each bag. copper or CPVC in COLD WATER APPLICATIONS (1/4", 1/2", 3/4" I.D.) ONLY! **CPVC MANIFOLDING NIPPLE REDUCING ASSEMBLY** 540091 1/2" x 3/8" 10 20 55035 1/2" 20 100 Reduces a 1/2"I.D./5/8"O.D. fitting to a Used to manifold Universal Fittings into a rigid 3/8"I.D./1/2"O.D. fitting. but adjustable single unit. Includes Nut Spacer **THREADED INSERT** (FIP) Gripper Ring 1/2" x 1/8" 54815 5 50 Body Spacer Used to connect any 5/8" O.D. tubing size • O-Ring opening of an Universal Fitting to 1/8" FIP • Back-up Ring Thread. **ALL PURPOSE SEAL LUBRICANT REPLACEMENT PARTS** 50 1000 26 **RW206** 1oz 3 53170 Plastic Nut Used with Genova Universal Fittings for ease in 53199 Gripper Ring 50 2000 installation. 53174 Body Spacer 50 2000 10 2114 O-Ring 50 2000 See adjacent diagram to find the correct replacement part.

500 SERIES

SPECIALTY ITEMS FOR CPVC & UNIVERSAL FITTINGS

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

TUBING HANGERS (NOTE: ORDER BY THE BAG)



521051	1/2" 10/bag (C)		10	1
52105	1/2" 25/bag	1	25	5
521071	3/4" 10/bag (C)		10	2
52107	3/4" 25/bag	1	25	10

Incorporates a special design which allows for pipe expansion. Can be used on copper as well as CPVC. Genova recommends using #8 x 1" screws which do not require predrilling.

TUBING STRAPS (NOTE: ORDER BY THE BAG)



52115	1/2" 25/bag	1	25	4
52117	3/4" 25/bag	1	25	5

Incorporates a special design which allows for pipe expansion. Can be used on copper, CPVC, and PEX tubing. Genova recommends using #6 x 1" screws which do not require predrilling.

PIPE HANGER (NOTE: ORDER BY THE BAG)



59706	1/2" 4/bag	25	9
59708	3/4" 4/bag	25	9

Incorporates a special design which allows for pipe expansion and contraction. Can be used on copper, CPVC, and PEX tubing. Saddle rotates 360°. Nails not included.

WATER HAMMER MUFFLER



A permanent replacement for conventional air chambers that waterlog in a short period of time. Eliminates potential damage to water supply pipes caused by water hammer. Adapts to all water supply piping systems, plastic or metal.

CHAMFERING TOOL



534891	(C)		50	1
53489		20	500	7

Used to chamfer and remove burrs from cut lengths of PEX and/or CPVC tubing prior to assembly. It can be used to chamfer the following sizes: 1/4" I.D., 1/2" I.D., 3/4" I.D., and 3/8" I.D.

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

PLASTIC TUBING CUTTERS



534991 (C) 5	4
53499	5	4

Easy-to-use cutter for plastic pipe with a heat treated blade. Ideal for CPVC or PEX tubing.

TUBING CUTTER REPLACEMENT BLADES



534961 (C) 10

For use with Part No. 534991 or 53499

Genova Plastic Tubing Cutter.

CLOSET POLY RISER



530801	1/4" X 12" (C)	10	100	10
53080	1/4" X 12"	10	50	2
530821	1/4" X 20" (C)	10	100	12
53082	1/4" X 20"	10	50	3

A direct replacement for flexible copper risers. Easily installed, they can be cut with a knife and are virtually impossible to kink. Can be utilized with standard 3/8" brass compression, flare fittings or patented GenoGrip adapters. Ferrule included on each tube for use with metal compression fittings.

SIAMESE LAVATORY POLY RISER



Eliminates the need to stock three different lengths of lavatory supply tubes. "Siamese" tubes are manufactured with a nose piece on each end - when cut, you end up with 2 tubes. Two ferrules are included with each tube for use with metal compression fittings.

LAVATORY POLY RISER



530841*	1/4" x 12" (C)	10	100	13
53084	1/4" x 12"	10	50	2
530861*	1/4" x 20" (C)	10	100	16
53086	1/4" x 20"	10	50	3
530881*	1/4" x 36" (C)	5	50	11
53088	1/4" x 36"	10	50	5
53586	3/8" x 20"	10	30	3

A direct replacement for flexible copper risers. Easily installed, they can be cut with a knife and are virtually impossible to kink. Can be utilized with standard 3/8" brass compression, flare fittings or patented GenoGrip adapters. Ferrule included on each tube for use with metal compression fittings. * 2/Per Card

Sch. 30 (3.25" O.D.) DWV pipe and fittings are used in drain, waste, and vent applications and are designed to fit inside a 2"x4" wall.



•Sch. 30 DWV Pipe *Solid Wall meets ASTM D2949 *Cellular Core meets ASTM F1488 *NSF Listed

Sch. 30 DWV Fittings Meets ASTM D2949 *NSF Listed

- Permitted under the International Plumbing Code (IPC) and International Residential Code (IRC).
- Solvent weld joints.

800.521.7488 or 810.744.4500 Fax: 810.744.3130 www.genovaproducts.com • inquiry@genovaproducts.com 8 a.m. to 5 p.m. - Eastern Standard Time (Monday-Friday)

SCH. 30 PVC-DWV PIPE AND FITTINGS

Desc.	Part#	Size	Bdl.	Skid	Bdl.						_
			Qty.	Qty.) (Lgths	Wt.	Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
SCHEDUL	E 30 PVC-DW	/V PIPE				MALE ADA	APTER (HUB	X MIP)			
6	60031	3" x 10'	5	75	42		60430	3"		20	7
	60032	3" x 20'	5	75	83		Adapts to s	standard female	pipe thre	ads.	
								nd tape is recom	mended	for	
44							threaded jo	oints.			
CHEDUL		/V CELLULAR COR	<u>E PIPE</u>								
F	60031F	3" x 10'	5	75	32	VINYL TO	CAST IRON				
	60032F	3" x 20'	5	75	64			SPIGOT X SCH. :	30 HUB)		4.0
	** ** ** **			41.5			60530	3" x 3"		20	10
- T	•	sure to order by		gth.)			60543	4" x 3"	.tl	20	<u> 16</u>
Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.		-	ed to cast iron w d or lead substit		m ana	
OUPLIN	G (HUB X HU	JB)				SEWER PI	PE ADAPTER	(SEWER HUB X S	SCH. 30 F	HUB)	
	60130	3"		20	6		61543	4" x 3"		20	9
	Used to joi	n straight lengths o	of pipe.				Adapts 3" S (400 Series	Sch. 30 pipe to 4).	" sewer p	oipe	
EDUCING	G COUPLING	(HUB X HUB)									
	<u>60131</u>	3" x 1½"		20	7	CAST IRO	N PIPE SPIG	OT ADAPTER (H	IUB X HUI	B)	
((()))	60132	3" x 2"		20	6		<u>61730</u>	3" x 3" C.I.		10	5
	60143	4" x 3"		20	16	((U	_	adapts 3" Sch. 30			
	Used to inc	rease or reduce p	oipe size	SS.				Can be joined to			
EPAIR CO	DUPLING (N	IO STOP) (HUB X F	HUB)				oakum and	poured lead or	lead sub	stitute	•
	60133	3"	·	20	8	221/2° ELB	OW (HUB X	HUB)			
	Furnished v	vithout center sto	o so tha	nt			60830	3"		20	10
		engths of pipe car					Used to cha	ange direction in	piping.		
	together.						Sometimes	called a "Sixteen	ith Bend"		
<u>ap</u> (Hui	3)					45° ELBO	<u>₩</u> (HUB X HI	JB)			
	<u>60153</u>	3"		20	6		60630	3"		20	10
(0)		ermanently or tem	porarily	capp	ing			ange direction in			
	pipe.						Sometimes	called an "Eighth	Bend".		
		(25122511115)									
<u> EDUCIN</u>		(SPIGOT X HUB)				45° STREE	-	IUB X SPIGOT)		00	_
	SCH. 30 X E			00	7		62730	3"	minter:	20	9
(\bigcirc)	60231	3" x 1½"		20	<u>7</u>			ange direction in			
	60232	3" x 2"		20	8		sometimes	called a "Street	Lighth Be	nd".	
	DWV X SCH			40		40° ELDO	M /LIIID V I II	ID)			
	60243	4" x 3"	100 t = -	10	<u>6</u>	OO. FTRO	(HUB X HU			00	10
		fitting hub to red	uce to s	mailei	pipe		60930	3"	mini	20	12
	size.							ange direction in			
~LI #^~	O COIL 20 P	HEUNE /IIID V					sometimes	called a "Sixth Be	end".		
сн. 40 T		SUSHING (HUB X S	SPIGOT)		2	000 644	TA DV FI BOW	/ /LILID V LILID)			
	65330	3"	ا دامم	20	3	YU' SANII		(HUB X HUB)		00	4.4
(())		eeve adapts a Sch					62830	3"		20	14
		s) fitting hub to Scl	n. 30 (6	00 Se	ries)		1	ange direction in			
	pipe size.						sometimes	called a "Quarte	r Bend".		
-	DARTER // "	IID V FID)				000 6 4 5 115	IADV CTREE	FEIDOW /LILID Y	CDICOT'		
EMALE A	DAPTER (HI			00	40	YU" SANII		FELBOW (HUB X	SPIGOT)		<i>a</i>
	60330	3"	- Al	<u>20</u>	10		62936	3"	minter:	20	14
(L	•	standard male pip				1		ange direction in			
		e is recommended	for thr	eadec	1		Sometimes	called a "Street	Quarter E	send".	
	joints.										

SCH. 30 PVC-DWV FITTINGS

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

WYE (HUB X HUB X HUB)
61030 3" 20 19

Used when connecting a branch line into a horizontal drain pipe. Also, used in conjunction with a "Twist-Lok $^{\text{TM}}$ " plug to provide a cleanout in a drain pipe.

REDUCING WYE (HUB X HUB X HUB)



61031	3" x 3" x 1½"	20	15
61032	3" x 3" x 2"	20	16

Used to connect a branch line into a horizontal drain pipe. Also, used in conjunction with a "Twist-Lok $^{\text{TM}}$ " plug to provide a cleanout in a drain pipe.

STANDARD DOUBLE WYE (ALL HUB)



63430 3" 10 16
Used to bring two branch lines into a horizontal drain pipe.

REDUCING DOUBLE WYE



(HUB X HUB X HUB/SPIGOT X HUB/SPIGOT) **63431** 3" x 3" x $1\frac{1}{2}$ "/2" x $1\frac{1}{2}$ "/2" 10 10 Used to bring two branch lines into a horizontal drain pipe. Branch inlets are 2" socket configuration to accept 2" pipe. The inlet is constructed to accept a 2" fitting over its outside diameter or a $1\frac{1}{2}$ " pipe into its inside

SANITARY TEE (HUB X HUB X HUB)

drain pipe.

diameter.



61130 3" 20 22 Used to connect a branch line into vertical

REDUCING SANITARY TEE (HUB X HUB X HUB)



61131	3" x 3" x 1½"	20	12
61132	3" x 3" x 2"	20	17

Used to connect a reducing branch line into a vertical drain pipe.

<u>VENT TEE</u> (HUB X HUB X HUB) 61430 3"



Used primarily in seepage bed piping grids in conjunction with perforated pipe. Used where flow characteristics are not a primary consideration.

TEST TEE W/PLUG (HUB X HUB X FIP)



61330 3" 1 10 10 Installs in vertical drain pipes to provide a cleanout opening close to the floor and flush with the finished wall.

Desc. Part# Size Pkg. Box Box Qtv. Qtv. Wt.

DOUBLE SANITARY TEE (ALL HUB)



63530 3" 10 1 Used to bring two branch lines into a vertical drain pipe.

REDUCING DOUBLE SANITARY TEE (ALL HUB)



63531	3" x 3" x 1½" x 1½"	10	10
63532	3" x 3" x 2" x 2"	10	10

Used to bring two branch lines into a vertical drain pipe.

FITTING CLEANOUT BODY (SPIGOT X FIP)



61629 3" 20 Solvent welds into fitting hub and adapts to

male threaded plug. Teflon thread tape is recommended for threaded joints.

FITTING CLEANOUT W/THREADED PLUG



61630 3" 20
Solvent welds into fitting hub to provide access to piping. Teflon thread tape is

recommended for threaded joints.

"POP-TOP" CLOSET FLANGE



65134 4" x 3" HUB 20 14
Solvent welds over 3" Sch. 30 pipe. Unique
"Pop-Top" feature prevents debris from
entering plumbing system prior to setting the
toilet. Used for mounting toilet base to drain.

CLOSET FLANGE W/METAL RING



65139 4" x 3" SPIGOT 20 14 Solvent welds directly into 3" Sch. 30 fitting hub. This flange has an adjustable metal ring which allows for easier toilet alignment.

CLOSET FLANGE W/METAL RING



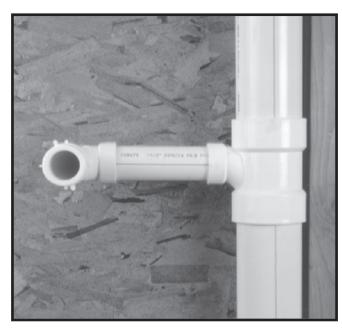
65150 4" x 3" HUB 10 8
Solvent welds over 3" Sch. 30 Pipe. This flange has an adjustable metal ring which allows for easier toilet alignment and is used for mounting toilet base to drain.

10

SCH. 30 PVC-DWV SPECIALTY ITEMS

Done	Davt#	Cizo	Die	Davi	Day	Dass	Dav##	C:	DI	Davi	Davi
Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.	Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
SADDLE (S	pipe to prov branch into a constructed	T DESIGN) $3" \times 1\frac{1}{2}"/2"$ Is directly onto the ide a simple way a drain pipe. The to accept a $2"$ fitte eter or a $1\frac{1}{2}"$ pigner.	of con inlet is ting ove	nectin er its	g a						
TWIST-LOI		TENT NO. 3,677,3	301)	00	-						
	removable cl	3" Genova way of prolosure at any fittin nova system feati	g hub.		<u>5</u> sily						
EXPANSIO	66530 To provide fo	TENT NO. 3,594,0 3" or expansion in ve eding 35' in lengt	1 ertical s	10 traight	<u>18</u> t runs						
VINYL "HU		3" oris from entering Fits flush into any		-	<u>5</u> ing						
SPECIAL W	This special s hookup and Each unit inclenable utilized drain situation configuration	T FITTING (SINGLE B" x 1½"/2" w/3" CA tack fitting provice venting of a compludes a flush braning the fitting in a sin. Branch inlets a to accept 2" pipere provided to a	P 1 des for olete b ch plug right on are 2" so pe. Bu	the athroo to left h ocket shings	13 om. and (Part						
SPECIAL W	This special s and venting of bathrooms lo includes two utilizing the f situation. Broations to accompany	FITTING (DOUBLE 13" x 11½"/2" w/3" CA tack fitting provice of all drains from a cated back to be flush branch plugitting in a right or anch inlets are 2" ept 2" pipe. Busiare provided to a	P 1 des for two co ack. Ea gs to er left hai socket hings (F	5 the homelete and dragger configure	15 pokup e it ain gur-						

Poly Vinyl Chloride (PVC) DWV pipe and fittings are used for drain, waste, and vent applications.



•Sch. 40 PVC DWV Pipe

- Dual rated for pressure (ASTM D1785) and drainage (ASTM D2665) applicationsNSF Listed
- Sch. 40 Cellular Core PVC DWV PipeMeets ASTM F891NSF Listed

•DR-24 DWV Pipe

- "Meets ASTM F1488"Use with Sch. 40 DWV Fittings"NSF Listed
- Sch. 40 DWV FittingsMeets ASTM D2665NSF Listed
- Pipe diameters are the same as iron pipe. (IPS=Iron Pipe Size)
- Solvent weld joints.
- Sch. 40 PVC, meeting ASTM D2665 or F891, is permitted by all major model plumbing codes. DR-24 pipe, meeting ASTM F1488, is permitted by the International Plumbing Code (IPC) and International Residential Code (IRC).

800.521.7488 or 810.744.4500 Fax: 810.744.3130
www.genovaproducts.com • inquiry@genovaproducts.com
8 a.m. to 5 p.m. - Eastern Standard Time (Monday-Friday)
After business hours please leave a phone message and we will return your call on the next business day.

PVC-DWV PIPE AND SCH. 40 PVC-DWV FITTINGS

	5 . "	0.		_		_	_					_	
Desc	. Part#	Size		PSI	Bdl. Qty. (Lgths.	Skid Qty.) (Lgths.)	Bdl. Wt.) (Lbs.)	Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
SCHI	EDULE 40	PVC-DWV F	PIPE					COUPLING	(HUB X HUE	3)			
	70011	1½" x 10'		330	5	180	27		70114	11/4"		50	5
	70012	1½" x 20'		330	5	90	53	1 (6)	70115	11/2"	20	100	11
	70021	2" x 10'		280	5	140	35		70120	2"	20	100	15
	70022	2" x 20'		280	5	70	70		70130	3"		20	11
	70031	3" x 10'		260	5	75	72		70140	4"		10	9
	70032	3" x 20'		260	5	50	144		70160	6"		1	2
	_	3" x 20'	Belled	260	3	48	86			straight lengths	of nine		
	70032B	4" x 10'	Delled	220	3	54	61		osea to join	sudistic lensurs	oi pipe	•	
		4" x 10'	Belled	220	3	<u>54</u>	61	REPAIR CO	DUPLING (NC	STOP) (HUB X	HUB)		
	70041B	4" x 20'	Delled	220	3	36	122		70116	1 ½"	20	100	10
		4" x 20'	Belled	220	3	36	124	1 ((6)	70122	2"	20	100	16
	70042B	6" x 10'	Dellea	180	<u></u>	<u> </u>	37		70133	3"		20	10
	70062	6" x 20'		180	1	24	73		70144	4"		10	9
	70002	0 X 2U		100		24	/3			ithout center st	op so th	at	
CCII	40 DVC D	WW/ CELLIII	AD CODE	DIDE						ngths of pipe c	•		
SCH.		WY CELLUI	AK COKI	PIPE	_	400	40		together.		o o o o		
		1½" x 10'			5	180	<u>18</u>						
		1½" x 20'			5	90	<u>36</u>	REDUCINO	COUPLING	(HUB X HUB)			
		2" x 10'			5	140	22		70121	2" x 1½"	20	100	16
	70022F				5	70	44		70131	3" x 1½"		20	9
		3" x 10'			5_	<u>75</u>	<u>53</u>		70132	3" x 2"		20	9
		3" x 10'	Belled		5_	<u>75</u>	53		70142	4" x 2"		20	16
	70032F				<u>5</u>	50	105		70143	4" x 3"		20	18
	70032FE		Belled		5	50	<u>105</u>		70164	6" x 4"		4	9
	70041F				3	54	44		Used to red	uce or increase	pipe siz	es.	
	70041FE		Belled		3	54	44						
	70042F				3	36	88	CAP (HUE					
	70042FE	4" x 20'	Belled		3	36	88		70151	11/2"	20	100	9
CCLL	40 DVC F	WAL CELLII	4 D CODI					(())	70152	2"	20	100	<u>12</u>
SCH.		WY CELLUI	Belled	PERF	<u> 3</u>				70153	3"		20	9
	/UU46FE	3 4" x 10'	венеа		3	54	44		<u>70154</u>	4"		10	8
DD 0	4 PVC-DV	/V DIDE							<u>70156</u>	6"	<u> </u>	10	20
DK-2		1½" x 10'			3	180	15		-	rmanently or te	nporariiy	/ capp	ıng
	79011 70010	1½" x 20"				90	<u>15</u>		pipe.				
	79012 79021	2" x 10'			<u>5</u>	140	29 24	REDUCING	BUSHING (SPIGOT X HUB)			
	79021 79022	2" x 20'			5	70	47		70211	1½" x 1¼"		50	3
	79022 79031	3" x 10'			5	<u>75</u>	44		70224	2" x 11/4"	10	70	8
	79032	3" x 20'			5	50	87		70221	2" x 1½"	20	100	8
	79041	4" x 10'			3	<u>50</u>	41		70231	3" x 1½"		20	8
	79041 79042	4" x 20'			3	36	81		70232	3" x 2"		20	9
	17072	4 X 20				30	01		70242	4" x 2"		10	7
(No	nte: Re sur	e to order b	v the lend	th and	not h	v the f	oot.)		70243	4" x 3"		10	6
"	7107 DC 5011	. 10 0.00.	,	,		,			70264	6" x 4"	1	10	19
										itting hub to re	duce to :	smaller	
									pipe size.	J			
								FLUSH RE	DUCING BUSI	HING (SPIGOT	X HUB)		
									76243	4" x 3"		10	6
								(9)	Adapts 4" fit	tting hub to 3" p	oipe.		
								ADAPTER		WV SPIGOT X S	ଧ D HUI		
									75340	4"		25	6
								((()))	Adapts Sch.	40 fitting hub t	o Sewer	pipe.	

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

ADAPTER BUSHING (S & D SPIGOT X DWV HUB)

74243 4" x 3" 20 9

Adapts Sch. 40 pipe to Sewer fitting hub.

SEWER PIPE ADAPTER COUPLING (SEWER HUB X SCH. 40 HUB)



 71543
 4" x 3"
 20
 12

 71544
 4" x 4"
 10
 7

Adapts Sch. 40 pipe to 4" sewer pipe.

FEMALE ADAPTER (HUB X FIP)



70311	1½" x 1¼"	20	100	11
70314	11/4"		50	6
70315	11/2"	20	100	12
70320	2"	20	100	17
70330	3"		20	12
70340	4"		10	9
70360	6"	1	10	20

Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

MALE ADAPTER (HUB X MIP)



70414	11/4"		50	5
70411	1½" x 1¼"	20	100	10
70415	11/2"	20	100	9
70420	2"	20	100	14
70430	3"		20	9
70440	4"		10	8

Adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

HUB ADAPTER (SPIGOT X HUB)





70521	2" x 1½"		20	7
70520	2" x 2"		25	9
70532	3" x 2" (2 pcs.)	1	20	25
70530	3" x 3"		20	16
70543	4" x 3"		20	19
70540	4" x 4"		10	13

Can be joined to cast iron with oakum and poured lead or lead substitute. Bushing (Part No. 70232) provided to reduce to $2^{"}$.

NO-HUB* ADAPTER (HUB X SPIGOT)



<u>72120</u>	2"	20	100	17
72130	3"		20	8
72140	4"		10	7

Provides a proper method of adapting from no-hub cast iron pipe utilizing the standard nohub clamp ring.

* No-Hub is a registered trademark of the Cast Iron Soil Pipe Institute.

D	Don't //	C:	DI	D	D
Desc.	Part#	Size	PKg.	Box	ROX
			Qtv.	Qtv.	Wt.

CAST IRON PIPE SPIGOT ADAPTER (HUB X HUB)



71730	3"	10	9
71740	4"	10	13

This fitting adapts Genova Sch. 40 pipe to 4" cast iron spigot and can be joined to cast iron with oakum and poured lead or lead substitute.

TRAP ADAPTER (HUB X SLIP JAMNUT)



72211 •	1½" x 1¼"/1½"	20	100	13
72215	1½" x 1½"	20	100	12

Utilized to adapt PVC pipe to tubular traps at wall or floor. Utilizes special washer which seals to either $1\frac{1}{2}$ " or $1\frac{1}{4}$ " tubular products, reducing the number of SKU's needed in inventory. This fitting solvent welds over an $1\frac{1}{2}$ " DWV pipe. Sometimes called a Marvel. • Dynamic DuoTM feature.

FITTING TRAP ADAPTER (SPIGOT X SLIP JAMNUT)



72311 •	1½" x 1¼"/1½"	20	100	14
72315	1½" x 1½"	20	100	13

Adapts PVC fitting hub to tubular traps at wall or floor. Utilizes special washer which seals to either $1\frac{1}{2}$ " or $1\frac{1}{4}$ " tubular products, reducing the number of SKU's needed in inventory. This fitting solvent welds into a $1\frac{1}{2}$ " DWV fitting hub. Sometimes called a Marvel. •Dynamic DuoTM feature.

FITTING ADAPTER (SPIGOT X MIP)



72411	1½" x 1¼"	20	100	9
72415	1 ½"	20	100	10
72420	2"	20	100	14

Adapts fitting hub to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

22½° ELBOW (HUB X HUB)



_	<u>,, </u>	/			
	70815	1 ½"	20	100	16
•	70820	2"		20	5
	70830	3"		20	16
,	70840	4"		10	13
-	70860	6"		5	12

Used to change direction in piping. Sometimes called a "Sixteenth Bend".

22½° STREET ELBOW (HUB X SPIGOT)



75815	1½"	20	100	14
75820	2"		20	4
75830	3"		20	14
75840	4"		10	12

Used to change direction in piping.

Sometimes called a "Street Sixteenth Bend".

Desc

Dart#

Sch. 40 PVC-DWV FITTINGS

Desc.	r di c//	3126	Qty.	Qty.	Wt.			
45° SANITARY ELBOW (HUB X HUB)								
	70614	11/4"		50	9			
	73615	1 ½"	20	100	22			
	73620	2"	20	100	32			
	70630	3"		20	20			
	70640	4"		10	18			
	70660	6"		1	4			

Siza

Used to change direction in piping. Sometimes called an "Eighth Bend".

45° ELBOW (HUB X HUB)



70615	11/2"		20	100	16
70620	2"		20	100	23

Used to change direction in piping. Sometimes called an "Eighth Bend".

45° SANITARY STREET ELBOW (HUB X SPIGOT)



72714	11/4"		50	7
<u>72716</u>	11/2"	20	100	20
72720	2"	20	100	31
72730	3"		20	18
72740	4"		10	17
72760	6"		1	3

Used to change direction from a fitting hub to a pipe. Sometimes called a "Street Eighth Bend".

45° STREET ELBOW (HUB X SPIGOT)



60° ELBOW (HUB X HUB)



70915	1 ½"	20	100	20
70920	2"		20	6
70930	3"		20	19
70940	4"		10	16

Used to change direction in piping. Sometimes called a "Sixth Bend".

90° SANITARY ELBOW (HUB X HUB)



72814	11/4"		50	10
<u>72815</u>	11/2"	20	100	23
72820	2"	20	100	37
72821	2" x 1½"	20	100	30
72830	3"		20	24
72840	4"		10	21
72860	6"		1	4
			_	

Used to change direction in piping. Sometimes called a "Quarter Bend".

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	

90° LONG SWEEP ELBOW (HUB X HUB)



Pkg. Box Box

20	100	33
20	80	37
	20	28
	10	24
	<u>20</u> <u>20</u>	20 80

Used to change direction in piping. Sometimes called a "Long Turn Quarter Bend".

90° VENT ELBOW (HUB X HUB)



70715	1 ½"	20	100	21
70720	2"		20	6
70730	3"		20	18

Used to change direction in the "dry" portion of vent piping where water flow is not a consideration. Sometimes called a "Short Turn Quarter Bend".

90° SANITARY STREET ELBOW (HUB X SPIGOT)



72906	11/4"		50	9
72916	11/2"	20	100	22
72926	2"		20	8
72936	3"		20	22
72946	4"		10	20
72966	6"		5	23

Used to change direction in piping. Sometimes called a "Street Quarter Bend".

90° VENT STREET ELBOW (HUB X SPIGOT)



72915	11/2"	20	100	19
72920	2"		20	6

Used to change direction in "dry" portion of vent piping where water flow is not a consideration. Sometimes called a "Short Turn Street Quarter Bend".

REDUCING CLOSET BEND (HUB X HUB)



72834 4" x 3" 20 39 Used to change direction in piping as well as

size. Usually utilized to convert from 3" horizontal pipe to 4" vertical pipe directly under the toilet.

REDUCING CLOSET BEND (SPIGOT X HUB)



72934 4" x 3" 20 31

Used to change direction and size of pipe directly into fitting hub, usually a closet flange directly under a toilet. Works well in tight space applications on second floors.

90° LOWHEEL INLET ELBOW (HUB X HUB X HUB)



73031	3" x 3" x 1½"/2"	20	24
73032	3" x 3" x 2"	20	25
73042	4" x 4" x 2"	15	35

Used to connect a branch line or vent at a change of direction in a larger vertical or horizontal pipe.

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

90° ELBOW W/SIDE INLET (HUB X HUB X HUB/SPIGOT)
73131 3" x 3" x 1½"/2" 20 5



Used to connect a branch line or vent at a change of direction in a larger vertical or horizontal pipe. The inlet is constructed to accept a 2" fitting over its outside diameter or an 1½" pipe into its inside diameter.

90° DOUBLE ELBOW (HUB X HUB X HUB)



<u>70716</u>	1½"	50	14
70726	2"	25	12
70736	3"	10	18

Ideal for "Back to Back" sink or lavatory installations.

REDUCING DOUBLE ELBOW (HUB X HUB X HUB)



70722 2" x 1½" x 1½" 20 Ideal for "Back to Back" sink or lavatory installations.

WYE (HUB X HUB X HUB)



71014	11/4"	50	18
71015	11/2"	25	11
71020	2"	20	13
71030	3"	20	39
71040	4"	5	18
71060	6"	1	7

Used when connecting a branch line into a horizontal drain pipe. Also, can be used in conjunction with a Twist-Lok $^{\text{TM}}$ plug to provide a cleanout in a drain pipe.

REDUCING WYE (HUB X HUB X HUB)



71021	2" x 2" x 1½"		20	11
71023*	2" x 1½" x 1½"		20	12
71031	3" x 3" x 1½"		20	36
71032	3" x 3" x 2"		20	27
71041*	4" x 4" x 1½"	1	10	22
71042	4" x 4" x 2"		10	21
71043	4" x 4" x 3"		10	28
71064*	6" x 6" x 4"		1	9

Used when connecting a reducing branch line into a horizontal drain pipe. Also, can be used in conjunction with a Twist-Lok™ plug to provide a cleanout in a drain pipe. *Bushing (Part No. 70221) provided to reduce to 1½". Bushing (Part No. 70264) provided to reduce to 4".

DOUBLE WYE (ALL HUB)



73415	11/2"	20	11
73420	2"	20	15
73430	3"	10	24
73440	4"	5	21

Used to bring two branches into a horizontal drain pipe.

Desc.	Part#	Size	 Box Qty.	

REDUCING DOUBLE WYE (ALL HUB)



	73421	2" x 2" x 1½" x 1½"	20	12
)	73431	3" x 3" x 1½" x 1½"	10	14
	73432	3" x 3" x 2" x 2"	10	15
	73442	4" x 4" x 2" x 2"	5	12
	73443	4" x 4" x 3" x 3"	5	19
				_

Used to bring two reducing branch lines into a horizontal drain pipe.

COMBINATION TEE-WYE (HUB X HUB X HUB)



8

١	72515	11/2"	20	12
9	72520	2"	10	10
	72530	3"	10	25
	72540	4"	5	25

Required in some plumbing code areas to connect a branch line into a vertical drain pipe instead of a conventional tee fitting. Also, used to connect a horizontal branch pipe approaching a horizontal drain pipe on the perpendicular. (Can be made from a wye and a "Street Eighth Bend").

REDUCING COMBINATION TEE-WYE (HUB X HUB X HUB)



72521	2" x 2" x 1½"	20	10
72531	3" x 3" x 1½"	10	12
72532	3" x 3" x 2"	10	14
72542	4" x 4" x 2"	10	16
72543	4" x 4" x 3"	5	16

Required in some plumbing code areas to connect a branch line into a vertical drain pipe (stack) instead of conventional tee fitting.

Also, used to connect a horizontal branch pipe approaching a horizontal drain pipe on the perpendicular.

DOUBLE COMBINATION TEE-WYE (ALL HUB)



72640 4" (3 pcs.) 2 1. Required in some plumbing code areas to connect two branch lines into a vertical drain pipe (stack).

SANITARY TEE (HUB X HUB X HUB)



71114	11/4"	50	13
71115	11/2"	20	7
71120	2"	20	11
71130	3"	20	33
71140	4"	10	30
71160	6"	1	6

Used when connecting a branch line into a vertical drain pipe (stack).

SANITARY STREET TEE (SPIGOT X HUB X HUB)



Used when connecting a branch line into a vertical drain pipe.

10 27

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
REDUCINO	SANITAR	RY TEE (HUB X HUB	X HUB)		
	71121	2" x 2" x 1½"		20	10
	71122	2" x 1½" x 2"		20	11
	71123	2" x 1½" x 1½	2"	20	9
	71131	3" x 3" x 1½"		20	19
	71132	3" x 3" x 2"		20	21
	71141*	4" x 4" x 1½"	1	10	17
	71142	4" x 4" x 2"		10	16
	71143	4" x 4" x 3"		10	22
	71164	6" x 6" x 4"		5	24

Used when connecting a branch line into a vertical drain pipe (stack). *Bushing (Part No. 70221) provided to reduce to $1\frac{1}{2}$ ".

DOUBLE SANITARY TEE (ALL HUB)



<u>73515</u>	11/2"	20	<u>8</u>
73520	2"	15	11
73530	3"	10	19
73540	4"	5	18
	<u> </u>		

Used to bring two branch lines into a vertical drain pipe (stack).

REDUCING DOUBLE SANITARY TEE (ALL HUB)



73521	2" x 2" x 1½" x 1½"	15	9
73531	3" x 3" x 1½" x 1½"	10	10
73532	3" x 3" x 2" x 2"	10	13
73542	4" x 4" x 2" x 2"	5	9
73543	4" x 4" x 3" x 3"	10	24

Used to bring two reducing branch lines into a vertical drain pipe (stack).

TEST TEE W/CLEANOUT PLUG (HUB X HUB X FIP)



<u>71315</u>	11/2′	' (Threaded)	10	4
71320	2"	(THREADED)	10	5
71330	3"	(TOE SAVER)	10	12
71340	4"	(TOE SAVER)	10	23



Used at the base of a vertical drain pipe (stack) to provide a cleanout opening flush with the finished wall. Teflon thread tape is recommended for threaded joints.

TEST TEE (HUB X HUB X FIP)



<u>71416</u>	1 ½"	10	<u>3</u>
71421	2"	10	5
71431	3"	10	11
71441	4"	10	21

Used in conjunction with a threaded plug to provide a cleanout opening. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	

VENT TEE (HUB X HUB X HUB)



(IIOD XI			
71415	1 ½"	10	3
71420	2"	10	5
71430	3"	10	12
71440	4"	10	21

Used primarily in seepage bed piping grids in conjunction with perforated pipe. Used where flow characteristics are not a primary consideration.

TWO-WAY CLEANOUT TEE (HUB X HUB X HUB)



71633	3"	10	22
71644	4"	5	20

Used with a vertical pipe stack. This fitting provides for above ground level access piping.

SANITARY TEE W/LEFT SIDE INLET (ALL HUB)



77132 3" x 3" x 3" x 2" 10 17

This fitting provides for the connection of 2" vent or branch waste piping to a vertical pipe (stack).

SANITARY TEE W/RIGHT SIDE INLET (ALL HUB)



77232 3" x 3" x 3" x 2" This fitting provides for the connection of 2" vent or branch waste piping to a vertical pipe

(stack).

WASTE & VENT TEE W/DOUBLE SIDE INLET (ALL HUB)



3" x 3" x 3" x 1½"/2" x 1½"/2" 77031* 10 17

4" x 4" x 4" x 2" x 2"



Provides for the connection of 1½" or 2" vent or branch waste piping to a vertical pipe as well as receiving the discharge of a water closet. *The inlets are constructed to accept a 2" fitting hub over their outside diameter or an 1½" pipe into their inside diameter.

FITTING CLEANOUT W/THREADED PLUG (SPIGOT X FIP)



	11/2222	,_,,	 (
71615	11/2"		20	100	15
71620	2"		20	100	19
71630	3"			20	11
71640	4"			10	10

Solvent welds into fitting hub to provide access to piping. Teflon thread tape is recommended for threaded joints.

Desc. Part# Size Pkg. Box Box Wt. Qty. Qty.

FITTING CLEANOUT BODY (SPIGOT X FIP)



<u>71612</u>	11/ ₄ "		50	<u> </u>
71614	1 ½"	20	100	11
71619	2"	20	100	14
71629	3"		20	9
71639	4"		10	8
71659	6"		10	20

Solvent welds into fitting hub and adapts to male threaded plug. Teflon thread tape is recommended for threaded joints.

THREADED PLUG (MIP)



71814	11/4"		100	4
<u>71815</u>	11/2"	10	100	5
71820	2"	20	100	7
<u>71830</u>	3"	20	100	17
71840	4"		10	3
<u>71860</u>	6"		10	7

Used to form a removable closure. These threaded plugs offer a corrosion proof alternative to metal plugs. Teflon thread tape is recommended for threaded joints.

ADJUSTABLE P-TRAP W/UNION & CLEANOUT



11/2" Used to prevent the passage of sewer gas from

the plumbing system into house through the plumbing fixture drain.

ADJUSTABLE P-TRAP W/UNION



78315	1½"	20	13
78320	9"	95	20

Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain.

P-TRAP W/CLEANOUT



78415	11/2"	20	13
78420	2"	20	21

Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain.

P-TRAP



78515	11/2"	20	11
78520	2"	20	20
78530	3"	10	30
78540	4"	5	27

Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
U-BEND	(HUB X HUB)				
	78015	11/2"		20	9
TU	78020	2"		20	14
	78030	3"		15	27
	78040	4"		10	34
	Bottom part	of trap furnished	withou	ıt	

"POP-TOP" CLOSET FLANGE

cleanout.



)					
	<u>75134</u>	4" x 3"	HUB	20	16
	Solvent welds	over 3"	Sch.40 pipe.		
)	75139	4" x 3"	SPIGOT	20	14
	Solvent welds	into 3"	Sch.40 fitting h	nub	
\	75140	4"	HUB	10	9
9	Solvent welds	over 4"	Sch.40 pipe.		
	"Don-Ton" feat	ure pre	vents debris fra	nm.	

'Pop-Top" feature prevents debris from entering plumbing system prior to setting the toilet.

CLOSET FLANGE



<u>75135</u>	4" x 3"	HUB	20	15
Solvent we	lds over 3" S	ch.40 pipe.		
75141	4"	HUB	10	8
Calmantin	1-l 4ll C	-l- 40!		



Solvent welds over 4" Sch.40 pipe.

CLOSET FLANGE W/METAL RING



75144 4"/4" x 3" SLAB Solvent welds into 4" Sch.40 pipe or over 3" Sch.40 pipe.

This flange has an adjustable metal ring which allows for easier toilet alignment. Provides for a simple method of installing a closet flange on a cement floor.

CLOSET FLANGE W/METAL RING



<u>75146</u>	4" x 3"	SPIGOT	10	9
Solvent wel	ds into 3" Sc	h.40 fitting h	ub.	
75150	4" x 3"	HUB	10	9
Solvent wel	ds over 3" S	ch.40 pipe.		
75155	4"	HUB	20	16
Solvent wel	ds over 4" S	ch.40 pipe.		
75164	4"	SPIGOT	10	8



Solvent welds into a 4" Sch.40 fitting hub.



This flange has an adjustable metal ring which allows for easy toilet alignment and a special closet bolt holding design for easy toilet mounting.

	D 1"	0:	5.	_			D 1"	0:	P.		_
Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.	Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
CLOSET FL		INLESS STEEL F									
	75146S Solvent weld	4" x 3" ds into 3" Sch.40	SPIGOT O fitting h	<u>20</u> ub	<u>18</u>						
	This flange ha which allows	ds over 3" Sch.4 as an adjustable s for easy toilet at bolt holding o	e stainless alignmen	t and a	a						
CLOSET FL	flooring or co		resulted in								
11/2" OFFS	75160 Solvent weld This flange ha allows for ea mounting toil	ANGE W/META 4" x 3" Is over 3" Sch. 4 as an adjustable sier toilet align let base to dra sitioned incorre	HUB :0 pipe : metal rir ment. Us in pipe w	ed for hen pi	ipe						

SCH. 40 PVC-DWV SPECIALTY ITEMS

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	
TEST CA	(SPIGOT)				



70171	1 ½"	25	100	1
70172	2"	25	50	1
70173	3"		25	1
70174	4"		20	2

Styrene test cap fits into Sch. 40 pipe openings and is used to prevent debris from entering the plumbing system during construction.

PVC FLOOR DRAIN (GRATE X SPIGOT)



<u>71450</u> 8" x 4" 10 21

High volume floor drain for use in floors and garages subject to surface drainage.

PVC ROOF DRAIN ASSEMBLY (W/GRAVEL GUARD GRATE) 4" SPIGOT 1



For use on flat roof buildings for roof drainage. Also, for use in ground level drainage applications subject to large amounts of surface debris.

SHOWER DRAIN





For ceramic built-in shower applications. Features adjustable height strainer, lead pan retaining ring and 2" solvent weld discharge. All vinyl construction.

SHOWER DRAIN W/ STAINLESS STEEL GRATE (HUB)

71480	2"	1	5	14
-------	----	---	---	----



For fiberglass built-in shower applications. Includes sealing and friction gaskets for a positive seal to the shower base, and a 2" solvent weld discharge.

TOE-SAVER FLOOR PLUG



71853	3"	20	100	15
71854	4"		10	3

A must for basement floor installation. Eliminates tripping hazard posed by conventional raised plugs. Interchangeable with brass or plastic plugs. Teflon thread tape is recommended for threaded joints.

TWIST-LOK™ PLUG (Patent No. 3,677,301)



71871	1 ½"	20	100	9
71872	2"	20	100	11
71873	3"		20	8
71874	4"		10	7

The unique Genova way of providing an easily removable closure at a Genova fitting hub. A patented Genova system feature.

Desc. Part# Size Box Pkg. Box Qty. Qty. Wt.

NOVAVENT® AUTOMATIC ANTI-SIPHON VALVE



740151	1½" (C)	5	2
74015	1 ½"	5	2

Eliminates expensive secondary vent stacks through the roof. Automatically works to prevent loss of trap seal. Made for use with sinks, basins, tubs, showers, vanities and washing machines.

NOVAVENT® AUTOMATIC PLUMBING RELIEF VALVE



740401 4" (C) Novavent relief valves are for use on main plumbing vent stacks and eliminate the need for vent roof penetrations. Relief valves can be used alone or in conjunction with smaller

VERTICAL EXPANSION JOINT (Patent No. 3,594,021)

Novavent® anti-siphon valves.



76520	2"	1	15	10
76530	3"	1	10	16
76540	4"	1	10	31

To provide for expansion in straight vertical pipe runs exceeding 35 feet in length.

SPECIAL WASTE & VENT FITTING (Single Configuration)



77530	3" x 1½"/2" w/3" Cap	1	5	14
77540	4" x 1½"/2" w/4" Cap	1	5	20

Provides for the hookup and venting of a complete bathroom. Each unit furnished with a flush branch plug to enable using the fitting in a right or left hand drain situation. Branch inlets are 2" socket configurations to accept 2" pipe. Bushings (Part No. 70221) are provided to accommodate 1½" pipe.

BACKWATER VALVE



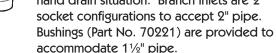
77630	3"	1	4	8
77640	4"	1	2	10

Solvent welds directly into PVC-DWV pipe without the need for adapters. Full size cleanout/maintenance port provided. Helps prevent sewage backup during flood conditions.

SPECIAL WASTE & VENT FITTING (Double Configuration)



77930 3" x 1½"/2" w/3" Cap 1 **77941** 4" x 1½"/2" w/4" x 2" Cap 1 Provides for the hookup of all drains from two complete bathrooms located back to back. Each unit furnished with two flush branch plugs to enable utilizing the fitting in a right or left hand drain situation. Branch inlets are 2"



17

SCH. 40 PVC-DWV SPECIALTY ITEMS

Qty. Qty. Wt.
Desc. Part# Size Pkg. Box Box



1½" x 3" x 6" 1 15 19 PVC version of the old style bathtub "Drum Trap". Largely replaced today by the conventional 11/2" P-Trap (See 100 series and 700 series types).

LOS ANGELES PATTERN P-TRAP

78715 11/4"/11/2"



Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain. Used when local code doesn't permit the use of slip coupled traps.

6" x 6" VINYL BELL TRAP

6" x 6" 78860



Designed to solvent weld to Schedule 40 IPS PVC. Installs easily and is a direct replacement for cast bell traps. Outlet 11/2" socket or 2" spigot.

6" x 6" VINYL BELL TRAP REPLACEMENT STRAINER

Fits 4½" diameter 1 10



Replacement for Genova's 6" x 6" Bell Trap or for corroded strainers on many existing metal bell traps.

9" x 9" VINYL BELL TRAP

78890 9" x 9"



Designed to solvent weld to Schedule 40 IPS PVC. Installs easily and is a direct replacement for cast iron and die cast bell traps. Outlet 3" Sch. 30 socket or 3" Sch. 40 spigot.

9" x 9" VINYL BELL TRAP REPLACEMENT STRAINER

Fits 7³/₄" diameter 1 10 7



Replacement for Genova's 9" x 9" Bell Trap or for corroded strainers on many existing metal bell traps.

VINYL "HUB-FIT" FLOOR STRAINER

3" 79230 4" 79240



Prevents debris from entering a drain opening on the floor. Fits flush into any fitting hub flush to the floor.

PVC PIPE FIT FLOOR STRAINER



79120	2"	20	2
79130	3"	20	5
79140	4"	90	6

Prevents debris from entering a drain opening on the floor. Fits flush into any pipe flush to the floor.

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	

PIPE HANGER (NOTE: ORDER BY THE BAG)



79716 11/2" 10 79721 2" 25 11 3" 79731 25 14 4" 25 79741 16

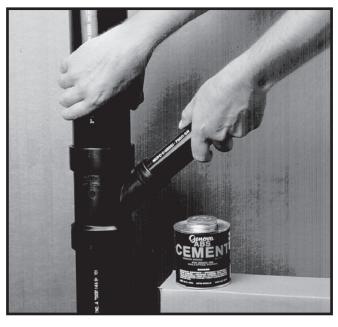
Incorporates a special design which allows for pipe expansion and contraction. Saddle rotates 360°. (Bulk bag contains 4 pieces.) Nails not included.

COPPER DWV TO GENOVA DWV FLEXIBLE ADAPTER



F71915 1½" copper x 1½" vinyl Flexible coupling joins copper to vinyl pipe; hose-clamp into position.

Sch. 40 Acrylonitrile Butadiene Styrene (ABS) pipe and fittings are used for drain, waste, and vent applications.



Sch. 40 Cellular Core ABS DWV PipeMeets ASTM F628NSF Listed

ABS-DWV FittingsMeets ASTM D2661NSF Listed

- Pipe diameters are the same as iron pipe. (IPS=Iron Pipe Size)
- Solvent weld joints.

ABS-DWV PIPE & FITTINGS

Desc. Part# Size Qty. Qty. Wt. (Lgths.) (Lgths.) (Lbs.) **ABS-DWV CELLULAR CORE PIPE**



<u> </u>				
80011F	1½" x 10'	5	180	14
80012F	1½" x 20'	5	90	27
80021F	2" x 10'	5	140	19
80022F	2" x 20'	5	70	37
80031F	3" x 10'	5	75	35
80032F	3" x 20'	5	50	69
80041F	4" x 10'	3	54	30
80042F	4" x 20'	3	36	60

(Note: Be sure to order by the length and not by the foot.)

rait#	3126	Qty.	Qty.	Wt.
(HUB X HUB)				
80114	11/4"	10	50	5
80115	11½"	20	100	8
80120	2"	20	100	12
80130	3"		20	8
80140	4"		10	7
80160	6"		10	16
	80114 80115 80120 80130 80140	80114 1½" 80115 1½" 80120 2" 80130 3" 80140 4"	Qty. 80114 1½" 10 80115 1½" 20 80120 2" 20 80130 3" 80140 4"	80114 1½" 10 50 80115 1½" 20 100 80120 2" 20 100 80130 3" 20 80140 4" 10

Used to join straight lengths of pipe.

REPAIR COUPLING (NO STOP) (HUB X HUB)



80116	1 ½"	20	2
80122	2"	20	3
80133	3"	20	7
80144	4"	10	5

Furnished without center stop so that stationary lengths of pipe can be spliced together.

REDUCING COUPLING (HUB X HUB)



80121	2" x 1½"	20	100	12
80131	3" x 1½"		20	7
80132	3" x 2"		20	6
80142	4" x 2"		20	12
80143	4" x 3"		20	14

Used to reduce or increase pipe sizes.

CAP (HUB)



80151	1 ½"	20	100	7
80152	2"	20	100	9
80153	3"		20	6
80154	4"		10	6

Used for permanently or temporarily capping pipe.

Desc.	Part#	Size	Pkg.	Box	Box
			Qty.	Qty.	Wt.

CAP (FIP)



<u>80161 1½"</u>	100	6
Used for permanently or temporar	ily cappir	าฐ
pipe. Adapts to male pipe threac	ls. Teflon	
thread tape is recommended for t	hreaded	

ADAPTER BUSHING (DWV SPIGOT X S&D HUB)



	(,	
85330	3"	50	6
85340	4"	25	4

Adapts ABS fitting hub to Sewer pipe.

REDUCING BUSHING (SPIGOT X HUB)

joints.



80211	1½" x 1¼"		50	2
80221	2" x 1½"	20	100	8
80231	3" x 1½"		20	7
80232	3" x 2"		20	7
80242	4" x 2"		10	6
80243	4" x 3"		10	5

Inserts into fitting hub to reduce to smaller pipe size.

REDUCING BUSHING (SPIGOT X FIP)



84221 2" x 1½" Inserts into fitting hub to reduce to standard male pipe threads. Teflon thread tape is

recommended for threaded joints.

FLUSH BUSHING (SPIGOT X FIP)



84232 3" x 2" Inserts into fitting hub to reduce to smaller male threaded pipe size.

FEMALE ADAPTER (HUB X FIP)



80315	11/2"	20	100	9
80320	2"	20	100	12
80330	3"		20	8
80340	4"		10	6

Adapts to standard male pipe threads. Teflon thread tape is recommended for threaded joints.

MALE ADAPTER (HUB X MIP)



80411	1½" x 1¼"	20	100	7
80415	11/2"	20	100	7
80420	2"	20	100	9
80430	3"		20	6
80440	4"		10	6

Adapts to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

Part#

ABS-DWY FITTINGS

Qty. Qty.

Size

CAST IRON HUB ADAPTER (SPIGOT X HUB)



Desc.

80520	2"	25	50	12
80543	4" x 3"		10	7
80540	4"		10	9

Can be joined to a cast iron hub with oakum and poured lead or lead substitute.

CAST IRON ADAPTER (HUB X HUB)



81740 4" 10 10

This fitting adapts Genova ABS-DWV pipe to 4" cast iron spigot and can be joined to cast iron with oakum and poured lead or lead substitute.

CAST IRON NO-HUB* ADAPTER (HUB X SPIGOT)



20	3
20	7
12	6
	20

Provides a proper method of adapting from no-hub cast iron pipe utilizing the standard no hub clamp ring.

*No-Hub is a registered trademark of the Cast Iron Soil Pipe Institute.

SEWER PIPE ADAPTER COUPLING (SEWER HUB X SCH. 40 HUB)



81543	4" x 3"	20	10
81544	4" x 4"	10	5

Adapts Sch. 40 IPS Pipe to 4" sewer pipe.

TRAP ADAPTER (HUB X SLIP JAMNUT)



82211	1½" x 1¼"	20	100	12
89915	11//,"	90	100	11

Utilized to adapt ABS pipe to tubular traps at wall or floor. This fitting solvent welds over 1½" DWV pipe. Sometimes called a Marvel.

FITTING TRAP ADAPTER (SPIGOT X SLIP JAMNUT)



82311	1½" x 1¼"	20	100	11
82314	11/4"		50	5
82315	11/2"	20	100	11

Utilized to adapt ABS fitting hub to tubular traps at wall or floor. This fitting solvent welds into a DWV fitting hub. Sometimes called a Marvel.

FITTING ADAPTER (SPIGOT X MIP)



82415	1 ½"	20	100	8
82420	2"		25	2

Adapts fitting hub to standard female pipe threads. Teflon thread tape is recommended for threaded joints.

Desc.	Part#	Size	Pkg.	Box	Box
			Qtv.	Qtv.	Wt.

SWIVEL TRAY PLUG ADAPTER (HUB X FIP)



Box Box

Wt.

Pkg.

88911	1½" x 1¼"	70	6
<u>88915</u>	11½"	80	7

Used to connect laundry tray to drain.

TRAY PLUG ADAPTER (SPIGOT X FEMALE NPSM)



89815 $1\frac{1}{2}$ " Used to connect laundry tray to drain.

SWIVEL TRAY PLUG (SPIGOT X FIP)



	(,			
89915	11½"	5	10	1

Used to connect laundry tray to drain.

22½° ELBOW (HUB X HUB)



80815	1 ½"	20	100	11
80820	2"		20	4
80830	3"		20	12
<u>80840</u>	4"		10	10

Used to change direction in piping. Sometimes called a "Sixteenth Bend".

221/2° STREET ELBOW (HUB X SPIGOT)



	(
85815	11/2"	20	100	11
85820	2"		20	4
85830	3"		20	11

Used to change direction in piping. Sometimes called a "Street Sixteenth Bend".

45° ELBOW (HUB X HUB)



83615	11/2"	20	100	15
83620	2"	20	100	24
80630	3"		20	14
80640	4"		10	13

Used to change direction in piping. Sometimes called an "Eighth Bend".

45° STREET ELBOW (HUB X SPIGOT)



(,	,			
82715	1 ½"	20	100	15
82720	2"	20	100	24
82730	3"		20	14
82740	4"		10	13

Used to change direction from a fitting hub to a pipe. Sometimes called a "Street Eighth Bend".

60° ELBOW (HUB X HUB)



80915	11/2"	20	100	14
80920	2"		20	5
80930	3"		20	13
80940	4"		10	12

Used to change direction in piping. Sometimes called a "Sixth Bend".

ABS-DWV FITTINGS

Desc. Part# Size Pkg. Qty. Qty. Wt. Box Qty. Wt. 90° SANITARY ELBOW (HUB X HUB) 82814 1½" 10 50 9



82814	11/4"	10	50	9
82815	1 ½"	20	100	18
82820	2"	20	100	29
82830	3"		20	19
82840	4"		10	15

Used to change direction in piping. Sometimes called a "Quarter Bend".

90° VENT ELBOW (HUB X HUB)



80715	1 ½"	20	100	16
80720	2"		20	4
80730	3"		20	14

Used to change direction in the "dry" portion of vent piping where water flow is not a consideration. Sometimes called a "Short Turn Quarter Bend".

90° SANITARY STREET ELBOW (HUB X SPIGOT)



<u>82916</u>	1½"	20	100	<u> 18</u>
82926	2"		20	6
82936	3"		20	17
82946	4"		10	15

Used to change direction from a fitting hub to a pipe. Sometimes called a "Street Quarter Bend".

REDUCING CLOSET BEND (HUB X HUB)



82834 4" x 3" 20 23
Used to change direction in piping as well as

size. Usually utilized to convert from 3" horizontal pipe to 4" vertical pipe directly under the toilet.

REDUCING CLOSET BEND (SPIGOT X HUB)



82934 4" x 3" 10 11

Used to change direction in piping as well as size. Usually utilized to convert from 3" horizontal pipe to 4" fitting hub directly under the toilet.

REDUCING CLOSET BEND W/TEST CAP (SPIGOT X HUB) 82935 4" x 3" 10



Used to change direction in piping as well as size. Usually utilized to convert from 3" horizontal pipe to 4" fitting hub directly under the toilet.

90° LONG SWEEP ELBOW (HUB X HUB)



83815	11/2"	20	100	24
83820	2"	20	80	26
83830	3"		20	21
83840	4"		10	18

Used to change direction in piping. Sometimes called a "Long Turn Quarter Bend".

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

90° ELBOW W/LOWHEEL INLET (HUB X HUB X HUB)



83031	3" x 3" x 1½"	20	18
83032	3" x 3" x 2"	20	19
83042	4" x 4" x 2"	10	15

Connects a branch line or vent at a change of direction in a larger vertical or horizontal pipe.

90° STREET ELBOW W/LOWHEEL INLET



(HUB X SPIGOT X HUB)

83332 3" x 3" x 2" 15 13

Connects a branch line or vent at a change of direction in a larger vertical or horizontal pipe.

90° ELBOW W/SIDE INLET (HUB X HUB X HUB)



83132 3" x 3" x 2" 20 18

Connects a branch line or vent at a change of direction in a larger vertical or horizontal drain pipe.

WYE (HUB X HUB X HUB)



	,		
81015	1 ½"	25	8
81020	2"	20	10
81030	3"	20	27
81040	4"	5	14

Used when connecting a branch line into a horizontal drain pipe.

REDUCING WYE (HUB X HUB X HUB)



81021	2" x 2" x 1½"	20	9
81023	2" x 1½" x 1½"	20	8
81031	3" x 3" x 1½"	20	18
81032	3" x 3" x 2"	20	19
81042	4" x 4" x 2"	10	15
81043	4" x 4" x 3"	10	21

Used when connecting a branch line into a horizontal drain pipe. Reduces to smaller pipe size.

STREET WYE (SPIGOT X HUB X HUB)



86015	1½"	100	29
86020	2"	50	21
86030	3"	20	24
86040	4"	10	22

Used when connecting a branch line into a horizontal drain pipe.

REDUCING STREET WYE (SPIGOT X HUB X HUB)



· · · · · · · · · · · · · · · · · · ·	(01.100171.110271.11027		
86021	2" x 2" x 1½"	35	13
86042	4" x 4" x 2"	10	18

Used when connecting a branch line into a horizontal drain pipe. Reduces to smaller pipe size.

ABS-DWV FITTINGS

Desc. Part# Size Box Box Pkg. Qty. Qty. Wt. **DOUBLE WYE (ALL HUB)**



83415	1 ½"	25	11
83420	2"	20	13
83430	3"	10	19
83440	4"	5	17

Used to bring two branch lines into a horizontal drain pipe.

COMBINATION TEE-WYE (HUB X HUB X HUB)



82515	11/2"	20	8
82520	2"	10	7
82530	3"	10	19
82540	4"	5	19

Used in some plumbing code areas to connect a branch line into a vertical drain pipe instead of a conventional tee fitting. Also, is the acceptable method of connecting a horizontal branch pipe approaching a horizontal drain pipe on the perpendicular. Can be made from a wye and a "Street Eighth Bend".

REDUCING COMBINATION TEE-WYE (HUB X HUB X HUB)



4	(1.05 /		, ,
82521	2" x 2" x 1½"	10	4
82531	3" x 3" x 1½"	10	11
82532	3" x 3" x 2"	10	11
82542	4" x 4" x 2"	10	14
82543	4" x 4" x 3"	5	13

Used in some plumbing code areas to connect a reducing branch line into a vertical drain pipe instead of a conventional tee fitting. Also, is the acceptable method of connecting a horizontal drain pipe on the perpendicular. Can be made from a wye and a "Street Eighth Bend".

SANITARY TEE (HUB X HUB X HUB)



81115	1 ½"	20	5
81120	2"	20	8
81130	3"	20	25
81140	4"	10	21

Used when connecting a branch line into a vertical drain pipe.

REDUCING SANITARY TEE (HUB X HUB X HUB)



81123	2" x 1½" x 1½"	50	15
81122	2" x 1½" x 2"	20	8
81121	2" x 2" x 1½"	20	7
81131	3" x 3" x 1½"	20	14
81132	3" x 3" x 2"	20	16
81142	4" x 4" x 2"	10	12
81143	4" x 4" x 3"	10	17

Used when connecting a reducing branch line into a vertical drain pipe.

Desc.	Part#	Size	Pkg.	Box	Вох
			Qty.	Qty.	Wt.

SANITARY STREET TEE (SPIGOT X HUB X HUB)



86115	11/2"	50	11
86120	2"	20	6
86130	3"	10	10

Used when connecting a branch line into a vertical drain pipe.

REDUCING SANITARY STREET TEE (SPIGOT X HUB X HUB)



2" x 1½" x 1½" Used when connecting a reducing branch line into a vertical drain pipe.

DOUBLE FIXTURE TEE (ALL HUB)

86123



82620 2" 20 12 Used in some plumbing code areas to connect two branch lines into a vertical drain pipe.

REDUCING DOUBLE FIXTURE TEE (ALL HUB)



826<u>21</u> 2" x 1½" x 1½" x 1½" Used in some plumbing code areas to connect a reducing branch line into a vertical drain pipe.

DOUBLE SANITARY TEE (ALL HUB)



83515	 1½"	20	6
83520	2"	15	8
83530	3"	10	15
83540	4"	5	14

Used when connecting a branch line into a vertical drain pipe.

REDUCING DOUBLE SANITARY TEE (ALL HUB)



=		· · · · · · · · · · · · · · · · · · ·		
	83521	2" x 2" x 1½" x 1½"	15	7
1	83531	3" x 3" x 1½" x 1½"	10	8
7	83532	3" x 3" x 2" x 2"	10	10

Used to bring two reducing branch lines into a vertical drain pipe.

TEST TEE W/CLEANOUT PLUG (HUB X HUB X FIP)



81315	11/2"	10	3
81320	2"	10	4
81340	4"	10	19

Used at the base of a vertical drain pipe to provide a cleanout opening flush with the finished wall. Teflon thread tape is recommended for threaded joints.

ABS-DWV FITTINGS

Box Desc. Part# Size Pkg. Box Wt. Qty. Qty. **TEST TEE** (HUB X HUB X FIP)



81416	11/2"	10	3
81421	2"	10	4
81431	3"	10	8
81441	4"	10	16

Used in conjunction with a threaded plug to provide a cleanout opening. Teflon thread tape is recommended for threaded joints.

TWO-WAY CLEANOUT TEE (HUB X HUB X HUB)



81633	3"	10	16
81644	4"	5	15

Used with a vertical pipe stack, this fitting provides for above ground level access to piping.

<u>VENT TEE</u> (HUB X HUB X HUB)



81415	1 ½"	10	3
81420	2"	10	3
81430	3"	10	10
81440	4"	10	20

Used primarily in vent lines. Used where flow characteristics are not a primary consideration.

WASTE & VENT TEE W/DOUBLE SIDE INLET (ALL HUB)



3" x 3" x 3" x 1½"/2" x 1½"/2" 87031 10 12

Provides for the connection of $1\frac{1}{2}$ " or 2" vent or branch waste piping to a vertical pipe as well as receiving the discharge of a water closet. The inlets are constructed to accept a 2" fitting hub over their outside diameter or an 1½" pipe into their inside diameter.

SANITARY TEE W/LEFT SIDE INLET (ALL HUB)



<u>87131</u>	3" x 3" x 3" x 1½"	10	11
87132	3" x 3" x 3" x 2"	10	12

This fitting provides for the connection of vent or branch waste piping to a vertical pipe.

FITTING CLEANOUT BODY (SPIGOT X FIP)



81614	1½"	20	100	10
81619	2"	20	100	11
81629	3"		20	7
81639	4"		10	6

Conventional threaded cleanout fitting solvent welds into fitting hub and adapts to male threaded plug. Teflon thread tape is recommended for threaded joints.

Desc. Part# Size Pkg. Box Qty. Qty.

FITTING CLEANOUT W/THREADED PLUG (SPIGOT X FIP)



	,	<u> </u>		/
81615	11/2"	20	100	14
81620	2"	20	100	17
81630	3"		25	13
81640	4"		10	9

Solvent welds into fitting hub to provide access to piping. Teflon thread tape is recommended for threaded joints.

SNAP-IN CLEANOUT W/PLUG



89330	3"	25	6
89340	4"	10	4

Fitting fits into Sch. 40 DWV pipe and is used to provide access to piping.

THREADED PLUG (MIP)



· · · · · · · · ·	,			
81814	11/4"	20	100	3
81815	1 ½"	20	100	5
81820	2"	20	100	7
81830	3"	20	100	17
81835	31/2"		20	5
81840	4"		10	3

Used to form a removable closure. These threaded plugs offer a corrosion proof alternative to metal plugs. Teflon thread tape is recommended for threaded joints.

COUNTER SUNK PLUG (MIP)



					
81851	1 ½"	50	2		
81852	2"	50	3		
81853	3"	75	9		
81854	4"	25	6		

Used to form a removable flush closure. Teflon thread tape is recommended for threaded joints.

SLIP PLUG (SPIGOT)



81811	11/2"		100
Used to fo	rm a perman	ent closure.	These
plugs offer	r a corrosion	proof altern	ative to
metal plug	S.		

SLIP JOINT NUT (FIP)



<u>84715</u>	1½"	25	50	2
Interchang	es with metal or	r plactic an	d offer	ແລ

Interchanges with metal or plastic and offers a corrosion proof alternative to metal nuts.

ADJUSTABLE P-TRAP W/UNION



88314	11/4"	10	50	19
88315	1 ½"		20	9
88320	2"		20	16

Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain.

88420

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

P-TRAP W/CLEANOUT

88415 1½" 50 22

Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain.

P-TRAP



88515	11/2"	20	8
88520	2"	20	15
88530	3"	10	21
88540	4"	5	20

Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain.

LOS ANGELES P-TRAP



88715 $1\frac{1}{4}\frac{1}{2}$ 90 11 Used to prevent the passage of sewer gas

Used to prevent the passage of sewer gas from the plumbing system into house through the plumbing fixture drain. Used when local code doesn't permit the use of slip coupled traps.

U-BEND W/CLEANOUT (HUB X HUB)



88115 $1\frac{1}{2}$ " 50 15 Bottom part of trap furnished with cleanout.

CLOSET FLANGE



85135 4" x 3" HUB 20 13 Solvent welds over 3" Sch. 40 pipe.



85141 4" HUB 10 6
Solvent welds over 4" Sch. 40 pipe.

CLOSET FLANGE W/GUSSETS



85133 4" HUB 35 19 Solvent welds over 4" Sch. 40 pipe.

"POP-TOP" CLOSET FLANGE



85134 4" x 3" HUB 20 14

Solvent welds over 3" Sch. 40 pipe. Unique "Pop-Top" feature prevents debris from entering plumbing system prior to setting the toilet.

CLOSET FLANGE



85136 4" x 3" FIP 20 11 Screws onto 3" thread.

CLOSET FLANGE



85137 4" x 3" MIP 25 14

Teflon thread tape is recommended for threaded joints. Screws into 3" thread.

Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

11/2" OFFSET CLOSET FLANGE W/METAL RING



8

85160 4" X 3" HUB 10 11

This flange has an adjustable metal ring which allows for easier toilet alignment. Solvent welds over 3" Sch. 40 pipe.

CLOSET FLANGE-FLUSH FIT



85166 4" X 3" HUB 10 6
Solvent welds over 3" Sch. 40 pipe.

CLOSET FLANGE W/METAL RING



85146 4" X 3" SPIGOT 10 8
Solvent welds into 3" Sch. 40 fitting hub.



85150 4" X 3" HUB 10 8
Solvent welds over 3" Sch. 40 pipe.



85155 4" HUB 25 19 Solvent welds into 4" Sch. 40 pipe.

85164 4" SPIGOT 25 Solvent welds into 4" Sch. 40 fitting hub.

These flanges have an adjustable metal ring which allows for easier toilet alignment.

BACKWATER VALVE



 87630
 3"
 1
 4
 8

 87640
 4"
 1
 2
 9

Solvent welds directly into ABS-DWV pipe without the need for adapters. Full size cleanout/maintenance port provided. Helps prevent sewage backup during flood conditions.

POLYETHYLENE PIPE

			Pressure		Coil
sc.	Part#	Size	Rating	Coil	Wt.
			at 73° F (PSI)	Qty.	(lbs.)
ON-NSF POLYE	THYLENE PII	PE			
	911051	1/2" x 100'	100	1	<u>5</u>
	911052	1/2" x 400'	100	1	20
	911071	3/4" x 100'	100	1	7
	911072	3/4" x 400'	100	1	26
	911101	1" x 100'	100	1	9
	911102	1" x 300'	100	1	27
	911111	11/4" x 100'	100	1	15
	911112	11/4" x 300'	100	1	44
	911121	1½" x 100'	100	1	20
	911122	1½" x 300'	100	1	59
	911221	2" x 100'	100	1	33
	911222	2" x 200'	100	1	65
APPROVED		NE PIPE (ASTM D-2239, PI		4	
	910053	1/2" x 25'	125	1	<u>2</u>
	910054	1/2" x 50'	125	1	3
	912051	1/2" x 100'	125	1	<u>6</u>
	912052	1/2" x 400'	125	1	<u>23</u>
	910073	3/4" x 25'	100	1	2
	910074	3/4" x 50'	100	1	4
	910071	3/4" x 100' 3/4" x 400'	100 100	1 1	8
	<u>910072</u> 910103	1" x 25'	100	<u> </u> 1	<u>30</u> <u>3</u>
	910103	1" x 50'	100	<u> </u> 1	<u> </u>
	910104	1" x 100'	100	<u> </u> 1	<u>0</u> 11
	910101	1" x 300'	100	<u> </u> 1	33
	910113	11/4" x 25'	100	1	<u> </u>
	910114	11/4" x 50'	100	1	<u> </u>
	910111	11/4" x 100'	100	1	
	910112	11/4" x 300'	100	1	<u>56</u>
	910121	1½" x 100'	100	<u> </u>	<u>25</u>
	910122	1½" x 300'	100	<u>.</u> 1	<u>77</u>
	910221	2" x 100'	100	1	42
	910222	2" x 200'	100	1	84
	912071	3/4" X 100'	125	1	9
	912101	1" X 100'	125	1	<u>15</u>
	912102	1" X 300'	125	1	43
	912112	11/4" X 300'	125	1	75
	912121	1½" X 100'	125	1	32
	916051	1/2" X 100'	160	1	6
	916071	3/4" X 100'	160	1	12
	916072	3/4" X 300'	160	1	35
	916101	1" X 100'	160	1	19
	916102	1" X 300'	160	1	57
	916111	11/4" X 100'	160	1	33
	916112	11/4" X 300'	160	1	97
	916221	2" X 100'	160	1	69
	920071	3/4" X 100'	200	1	<u> 16</u>
	<u>920101</u>	1" X 100'	200	1	<u> 25</u>
	920111	11/4" X 100'	200	1	42

SUMP PUMP CHECK VALVES

Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.	Desc.	Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.
CHECK VA	sump pit. P	OLY INSERT) 11/4" x 11/4" vent discharge lin revents sump pun apt directly to 11/	np "sho	rt cycl	ing".						
CHECK VA	LIVE W/HOSE 96620 Used to pre sump pit. P Made to ad fittings or 11	/4" flexible polyeti (MIP X POLY INSE 11/4" x 11/4" vent discharge ling revents sump pundapt directly to 11/4" flexible polyetics of the p	hylene. The backform "show solve the solve th	20 flow in rt cycli nt wel Provid	11 to ing". d						
UNIVERSA	provides ea valves are tr adapter hos they will fit	ually merchandise sy installation inst uly universal; prov ses and necessary the full range of p nylene to 11½" iron	ructions vided w stainles ipe size	i. The rith two sections of the contract of th	o nps,						
Check valv quantities		ole from the facto	ory in bo	οx							

PVC FURNITURE FITTINGS

# ELBOW 11180	### 1180	### 1180		Part#	Size	Pkg. Qty.	Box Qty.	Box Wt.	Desc.	Part#	Size	Pkg. Qty.	Box Qty.	B
11180 1½" 1 125 26 11181 1½" 1 75 19 P 3-WAY ELBOW 11182 1" 1 200 31 11183 1½" 1 75 19 11185 2" 1 40 17 E 11186 1½" 1 50 16 11187 1½" 1 75 21 P 4-WAY TEE 11188 1" 1 100 20 11189 1½" 1 50 18 11190 1½" 1 75 34 ROSS 11191 1½" 1 75 32 WAY CROSS 11191 1½" 1 75 32 WAY CROSS 11307 1" 1 75 19 11308 1½" 1 50 23 ease Note: The fittings above are for creating pe furniture only and are not for use in any umbing applications. Any Genova product ared other than for its intended purpose will not	11180 1½" 1 125 26 11181 1½" 1 75 19 2-3-WAY ELBOW 11182 1" 1 200 31 11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 11186 1½" 1 75 21 11187 1½" 1 75 21 2-4-WAY TEE 11189 1½" 1 50 18 11190 1½" 1 75 34 OSS 11191 1½" 1 75 32 NAY CROSS 11307 1" 1 75 19 11308 1½" 1 50 23 PASS Note: The fittings above are for creating one furniture only and are not for use in any ambing applications. Any Genova product and other than for its intended purpose will not	11180 1½" 1 125 26 11181 1½" 1 75 19 2-WAY ELBOW 11182 1" 1 200 31 11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 11186 1½" 1 75 21 11187 1½" 1 75 21 2-WAY TEE 11189 1½" 1 50 18 11190 1½" 1 75 34 OSS 11191 1½" 1 75 32 VAY CROSS 11307 1" 1 75 32 VAY CROSS 11307 1" 1 75 19 11308 1½" 1 50 23 PARE Note: The fittings above are for creating per furniture only and are not for use in any ambing applications. Any Genova product and other than for its intended purpose will not)° FI R∩W	,		٠,٠		., .,				٠,٠	٠٠/٠	
11181 1½" 1 75 19 11182 1" 1 200 31 11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 E 11186 1½" 1 75 21 11187 1½" 1 75 21 11188 1" 1 00 20 11189 1½" 1 50 18 11190 1½" 1 75 34 ROSS 11191 1½" 1 75 21 11192 1½" 1 75 32 WAY CROSS 11307 1" 1 75 19 11308 1½" 1 50 23 ease Note: The fittings above are for creating pe furniture only and are not for use in any umbing applications. Any Genova product sed other than for its intended purpose will not	11181 1½" 1 75 19 2 3-WAY ELBOW 11182 1" 1 200 31 11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 11186 1½" 1 75 21 11187 1½" 1 75 21 2 4-WAY TEE 11189 1½" 1 50 18 11190 1½" 1 75 34 OSS 11191 1½" 1 75 21 11192 1½" 1 75 32 NAY CROSS 11307 1" 1 75 19 11308 1½" 1 50 23 PARENTE THE THINGS above are for creating one furniture only and are not for use in any ambing applications. Any Genova product and other than for its intended purpose will not	11181			11/ ₄ "	1	195	26						
11182 1" 1 200 31 11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 E 11186 1½" 1 75 21 11187 1½" 1 75 21 11188 1" 1 100 20 11189 1½" 1 50 18 11190 1½" 1 75 34 ROSS 11191 1½" 1 75 32 WAY CROSS 11192 1½" 1 75 39 WAY CROSS 11307 1" 1 75 19 11308 1½" 1 50 23 ease Note: The fittings above are for creating pe furniture only and are not for use in any umbing applications. Any Genova product and other than for its intended purpose will not	11182 1" 1 200 31 11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 11186 1½" 1 75 21 11188 1" 1 100 20 11189 1½" 1 50 18 11190 1½" 1 75 34 OSS 11191 1½" 1 75 32 NAY CROSS 11308 1½" 1 75 19 11308 1½" 1 50 23 Passe Note: The fittings above are for creating per furniture only and are not for use in any ambing applications. Any Genova product and other than for its intended purpose will not	11182 1" 1 200 31 11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 11186 1½" 1 75 21 11188 1" 1 100 20 11189 1½" 1 50 18 11190 1½" 1 75 34 OSS 11191 1½" 1 75 32 VAY CROSS 11308 1½" 1 75 19 11308 1½" 1 50 23 Passe Note: The fittings above are for creating per furniture only and are not for use in any ambing applications. Any Genova product and other than for its intended purpose will not	1			1								
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11183 11¼" 1 75 19 11184 11½" 1 50 16 11185 2" 1 40 17 E 11186 11¼" 1 75 21 11187 11½" 1 75 21 11188 1" 1 00 20 11189 11¼" 1 50 18 11190 11½" 1 75 34 ROSS 11191 11½" 1 75 32 WAY CROSS 11307 1" 1 75 19 11308 11¼" 1 50 23 ease Note: The fittings above are for creating pe furniture only and are not for use in any umbing applications. Any Genova product ed other than for its intended purpose will not	11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 11186 1½" 1 75 21 11187 1½" 1 75 21 24-WAY TEE 11188 1" 1 100 20 11189 1½" 1 50 18 11190 1½" 1 75 34 OSS 11191 1½" 1 75 32 WAY CROSS 11307 1" 1 75 32 WAY CROSS 11308 1½" 1 50 23 Page furniture only and are not for use in any ambing applications. Any Genova product and other than for its intended purpose will not	11183 1½" 1 75 19 11184 1½" 1 50 16 11185 2" 1 40 17 11186 1½" 1 75 21 11187 1½" 1 75 21 24-WAY TEE 11188 1" 1 100 20 11189 1½" 1 50 18 11190 1½" 1 75 34 OSS 11191 1½" 1 75 32 WAY CROSS 11307 1" 1 75 19 11308 1½" 1 50 23 Passe Note: The fittings above are for creating per furniture only and are not for use in any ambing applications. Any Genova product and other than for its intended purpose will not			411	1	000	24						
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MARINE/RV FILTER/SOFTENER



Desc. Part# Size Pkg. Box Box Qty. Qty. Wt.

BOJI PACKAGES

REGULAR CAPACITY SYSTEM

Includes: Standard Boji, Prefilter Housing w/Clear Canister, Activated Carbon Filter Cartridge, 36" RV Hose w/Male and

Female Fittings.

HI-CAPACITY SYSTEM

SS6015

1 41

Includes: Hi-Capacity Boji, Prefilter Housing w/Clear Canister, Activated Carbon Filter Cartridge, 36" RV Hose w/Male and Female Fittings.

ACCESSORY ITEMS

PREFILTER W/HOSE FITTINGS

FH10

3

Used for regenerating the Boji. Includes plastic hose fittings.

ACTIVATED CARBON FILTER CARTRIDGE

C232

1

Replacement filter cartridge for water filter.

WATER METER VALVE

WT101

1 .

For monitoring water flow.

HOSE

NRVH6 6" NRVH36 36"

Used to connect Boji Filter to water

supply.

The Boji Marine/RV Filter/Softener is constructed of the finest thermoplastic materials and should provide a lifetime of trouble free use. There are no moving parts to wear out and the softener is resistant to all corrosive environments encountered in boating. The unit is designed to soften your dockside water supply, providing you with generous amounts of soft water for drinking, bathing and washing your boat or RV.

The Boji Marine/RV Filter/Softener can be installed in-line for dockside pressure water supply or can be used to fill your vessel's or RV's inboard water storage tank. The result— water suds easier, is less corrosive to inboard plumbing and minimizes unsightly stains and water spots. The Boji Marine/RV Filter/Softener is also an indispensable aid in washing your boat or RV. Say good-bye to difficult to remove deposits on bright work and windows.

The Boji Marine/RV Filter/Softener works in the same manner as a commercial manually operated water conditioner. There are no time clocks, solenoids or directional valves to malfunction. No external power source is required. The unit is simply installed between the water supply hose. When the water is turned on, water flows through the softener, softening as it goes. That's all there is to it!

Depending on the hardness of the water supply source, your Boji will require periodic regeneration to maintain its water softening capabilities. This is easily done utilizing a canister type water filtration unit and pure pelletized water softener salt cubes, available from a variety of local sources.

MARINE/RY PRODUCTS

Pkg.

Qty.

Box

Wt.

39

Box

Qty.





WASH, RINSE & GO END WATER SPOTS



Simply connect it to the end of your hose after washing your car or recreational vehicle for a fast and clean rinse down...and go!

- Rechargeable with Table Salt
- Use for final rinse Only
- Eliminate Drying Time
- Portable
- Economical

HITCH HIDER HH100 8' x 29" 1 10 19 HH200 10' x 29" 1 21 HH300 8' x 36" 1 24

18' x 29"

Size

Desc.

Part#

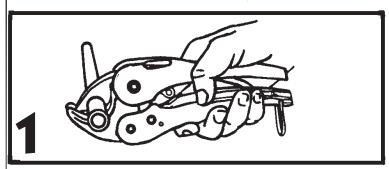
HH400

Used for concealing the hitch on travel trailers and mobile homes.

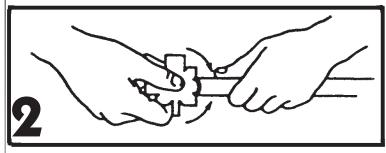


Our maintenance-free, light weight Vinyl Picket Hitch-Hider will never rot, rust or corrode & best of all will never need painting.

UNIVERSAL FITTINGS INSTALLATION INSTRUCTIONS



Carefully inspect each fitting prior to assembly to ensure that all internal components are present and correctly positioned. It is not necessary to disassemble fitting for this inspection.



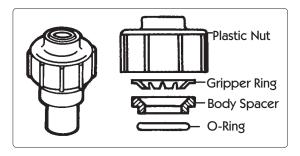




Fig. 1 Using Genova Plastic Tubing Cutters (PN 53499), cut tubing squarely to length.

Mark tubing 111/411 from end to provide a visual aid to ensure complete insertion of the tube into the fitting (this step may be eliminated once installer has acquired the "feel" of proper tube seating).

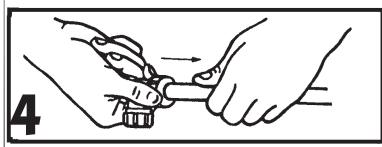
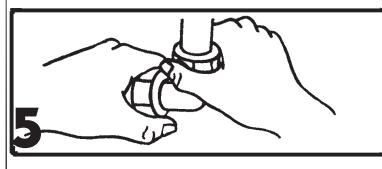


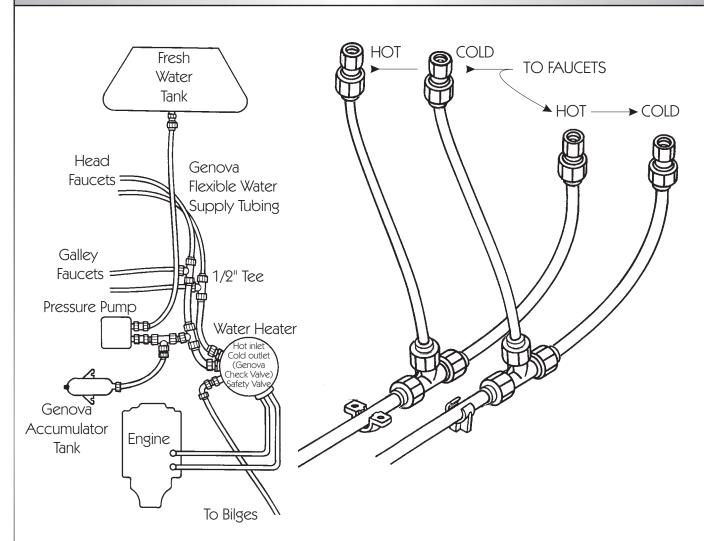
Fig. 2 Inspect the end of the tubing for burrs and chamfer with Genova Chamfering Tool (PN 53489) if necessary.



- Fig. 3 Lubricate the tubing and fitting with liquid soap or Genova All Purpose Lubricant (PN RW206) prior to insertion.
- Fig. 4 Loosen fitting nut approximately one turn and firmly push tubing all the way into the fitting, to the 11/4" mark, without twisting.
- Fig. 5 Hand tighten the fitting nut...the joint is ready!

GENOVA PRODUCTS

MARINE POTABLE WATER DISTRIBUTION SYSTEM



Our research of the potable water distribution systems now being used in the various O.E.M. segments of the marine industry has indicated that a "Potpourri" type system has evolved. These systems are made up of a combination of different piping materials installed from the water tanks to the various water-fed fixtures. The systems range from flexible vinyl hose and barbed fittings, to solvent welded irrigation and chemical process PVC piping, to acetal fittings, or combinations of all three. The result has been plumbing nightmares, costly to both manufacturer and boat owner. In essence, the systems currently being employed, in many cases, don't match up to the quality and engineering normally found in the boats being built by today's reputable boat manufacturers. To continue this practice means big dollars in labor and materials, spending much more than what a correctly engineered system would cost!

Here at Genova, we specialize in the creation and sale of "systems," not component parts. Our unique Marine/RV water supply system designs are based on over 40 years of outstanding success in creating engineered thermoplastic hot and cold water distribution systems for the housing industry. These systems are designed and certified for temperatures up to 180° F @100 PSI, exceeding the requirements of most marine systems. A complete range of tubing, fittings, and specialized accessories are available for every engineering need.

LIMITED PRODUCT WARRANTIES

Genova Products, Inc. Limited Product Warranties

7034 East Court Street Form No. 257207
Box 309 Printed in USA

Davison, MI 48423-0309 Effective Date: October 2003

GENERAL - Applies to all Genova Products

All Genova products are warranted only for their expressly recommended applications as further described below. Improper use of Genova products will void all warranties. Genova's liability in all cases is limited to a refund of the factory purchase price or factory replacement of the product proven to be unserviceable for its intended use. In no case will Genova be responsible for any incidental or consequential damages of any kind, including without limitation any claims for installation labor, property damage or personal injury.

100 Series - Tubular, Flashings, Solvent Cements, Specialty Items

Genova warrants all of its 100 Series products to be manufactured in accordance to applicable ASTM standards and to function properly within the limitations posed by standard residential plumbing applications when installed in accordance with good plumbing practice and specific recommendations outlined in our installation manuals. Canned products are warranted to have a shelf life of 12 months from date of delivery or 18 months from the date of manufacture as attested to by the date imprinted thereon.

Genova solvent cements and cleaners are warranted to conform with applicable ASTM standards and perform satisfactorily when utilized in accordance to our published instructions.

In no case will claims for installation labor or consequential property damage be honored. There are no warranties, expressed or implied including any implied warranty of merchantability or fitness for a particular purpose, which extend beyond the above description.

300 Series - Pressure Pipe and Fittings

Genova pressure pipe and fittings have been designed for outside the house irrigation and residential underground cold water supply applications. Uses for other purposes will void our warranties and no liabilities will be accepted as a result thereof. Genova warrants that its pipe and fittings are produced in conformance to applicable national standards and this fact is attested to by independent testing laboratory reports. While reasonable care has been taken in the manufacture, we cannot guarantee the performance of installed jobs, because we have no control over the wide range of installation conditions present. Our warranties are void in installations where all system components are not of our manufacture.

Note: Class 125 PVC pipe is not warranted by Genova Products in any applications. All liabilities incurred by the use of this product shall remain the responsibility of the end user.

In no case will claims for installation labor or consequential property damage be honored. There are no warranties, expressed or implied including any implied warranty of merchantability or fitness for a particular purpose, which extend beyond the above description.

400 Series - Sewer Pipe and Fittings

Genova sewer pipe and fittings have been designed for drainage applications servicing inhabited structures. Uses for other purposes will void our warranties and no liabilities will be accepted as a result thereof. Genova warrants that its pipe and fittings are produced in conformance to applicable national standards and this fact is attested to by independent testing laboratory reports. While reasonable care has been taken in the manufacture, we cannot guarantee the performance of installed jobs, because we have no control over the wide range of installation conditions present. Our warranties are void in installations where all system components are not of our manufacture.

In no case will claims for installation labor or consequential property damage be honored. There are no warranties, expressed or implied including any implied warranty of merchantability or fitness for a particular purpose, which extend beyond the above description.

500 Series - CPVC Tubing, CPVC Fittings, and Universal Fittings

Genova high-temperature water pipe and fittings have been designed for residential hot and cold water distribution use in single family dwellings in conjunction with standard storage type water heaters. Such systems must employ adequate protection from water hammer. Uses for other purposes will void our warranties and no liabilities will be accepted as a result thereof. Genova CPVC water pipe has a long-term rating of 100 PSI at 180°F. Excursions beyond the rated temperature and pressure will void our warranties. Genova manufactures their CPVC pipe and fittings to conform to ASTM Standard D2846. Genova manufactures their Universal fittings to conform to ASTM Standard D-3309. Installation or long term storage where CPVC is exposed to direct sunlight will void our warranty. While reasonable care has been taken in the manufacture, we cannot guarantee performance of installed jobs, because we have no control over the wide range of installation conditions. Our warranties are void in installations where all system components are not of our manufacture.

Warranties continued

LIMITED PRODUCT WARRANTIES

To adapt from traditional piping materials, a special group of patented transition fittings should be used. These fittings are the recommended method of compensating for the different coefficients of expansion which exist between all dissimilar materials - the use of other methods or fittings may result in system leaks. Do not enclose transition fittings in walls or other inaccessible places as a matter of good plumbing practice.

In no case will claims for installation labor or consequential property damage be honored. There are no warranties, expressed or implied including any implied warranty of merchantability or fitness for a particular purpose, which extend beyond the above description.

600 Series - Schedule 30 In-Wall PVC Drain, Waste and Vent Pipe and Fittings

Genova PVC-DWV pipe and fittings have been designed for drainage applications servicing inhabited structures. Uses for other purposes will void our warranties and no liabilities will be accepted as a result thereof. Genova warrants that its pipe and fittings are produced in conformance to applicable national standards and this fact is attested to by independent testing laboratory reports. Genova manufactures their Schedule 30 In-wall PVC-DWV pipe and fittings to conform to ASTM Standard D2949. While reasonable care has been taken in the manufacture, we cannot guarantee the performance of installed jobs, because we have no control over the wide range of installation conditions present. Our warranties are void in installations where all system components are not of our manufacture.

In no case will claims for installation labor or consequential property damage be honored. There are no warranties, expressed or implied including any implied warranty of merchantability or fitness for a particular purpose, which extend beyond the above description.

700 and 800 Series - Schedule 40 PVC & ABS Drain, Waste and Vent Pipe and Fittings

Genova PVC & ABS DWV pipe and fittings have been designed for drainage applications servicing inhabited structures. Uses for other purposes will void our warranties and no liabilities will be accepted as a result thereof. Genova warrants that its pipe and fittings are produced in conformance to applicable national standards and this fact is attested to by independent testing laboratory reports. Genova manufactures their Schedule 40 DWV pipe and fittings to conform to the applicable ASTM Standard. While reasonable care has been taken in the manufacture, we cannot guarantee the performance of installed jobs, because we have no control over the wide range of installation conditions present. Our warranties are void in installations where all system components are not of our manufacture.

In no case will claims for installation labor or consequential property damage be honored. There are no warranties, expressed or implied including any implied warranty of merchantability or fitness for a particular purpose, which extend beyond the above description.

900 Series - Check Valves and Polyethylene Pipe

Genova sump pump check valves are designed for use in conjunction with residential sump pumps utilized in single family dwelling applications. Their installation outside the sump pit and uses for all other purposes will void our warranties and no liabilities will be accepted as a result thereof. While reasonable care has been taken in the manufacture, we cannot guarantee the performance of installed jobs because we have no control over the wide range of installation conditions present.

Genova polyethylene pipe has been designed for outside the house irrigation and underground residential cold water supply applications. Uses for other purposes will void our warranties and no liabilities will be accepted as a result thereof. Genova warrants that its polyethylene pipe is produced in accordance to applicable national standards and this fact is attested to by independent labratory reports. While reasonable care has been taken in the manufacture, we cannot guarantee the performance of installed jobs because we have no control over the wide range of installation conditions present. Our warranties are void in installations where all system components are not of our manufacture.

Note: Non-NSF polyethylene pipe is not warranted by Genova Products in any applications. All liabilities incurred by the use of this product shall remain the responsibility of the end user.

In no case will claims for installation labor or consequential property damage be honored. THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTEND BEYOND THE ABOVE DESCRIPTION.

Warranties continued

LIMITED PRODUCT WARRANTIES

General

IMPORTANT NOTICE REGARDING USE OF GENOVA PRODUCTS

All Genova Products are designed only for their intended use. Any use of our products in applications or for purposes which are contrary to the written recommendations in our catalog, the product packaging or printed on the products themselves, including without limitation any commercial application, any use with compressed air or gases, or any other use or application for which our products were not designed or intended, will void all otherwise applicable warranties, expressed or implied, and will be at the user's sole risk. Improper design, installation, operation or use of our products may cause extensive damage and serious or fatal bodily injury. Genova Products, Inc. is not responsible for any damage, injury or loss which results from or in connection with any unauthorized use or application of our products.

You may also have other rights under state law. In the event of a problem with a warranty service or performance, you may be able to go to small claims court, a State court, or a Federal district court.

Although our warranties do not extend directly to end users of our products, Genova protects the organizations you purchased it from and they can rely on Genova for prompt action.

Should any questions arise concerning our warranties, or if you would like to comment on our products or services, please write:

Genova Products

Customer Service Department 7034 East Court Street Davison, MI 48423-0309