



PIP 50,80,100,125 psi Surface Gated IPS Class 63,100,125 PIP 100 Foot Head



NACO Industries

Effective March 24, 2008



www.nacopvc.com

PIP 50, 80, 100, 125
Solvent Weld

PIP 80, 100, 125
Gasketed

Surface Gated

IPS 63, 100, 125
Solvent Weld

IPS 100, 125
Gasketed

PIP 100 Foot Head
Solvent Weld

Conditions of Sale

Prices: All prices are subject to change without notice and all shipments will be invoiced at the price in effect at the time of shipment. Possession of this price list is not an offer to sell. All orders are subject to acceptance by NACO Industries.

Payment: Invoices are due and payable 30 days from date of invoice. Purchaser agrees to pay a finance charge of 1 1/2% per month (18% annual rate) on all past due accounts. If any account is delinquent, all further shipments will be on a COD basis.

Delivery: All prices are FOB point of shipping. Merchandise damaged in transit shall be charged to the carrier by the purchaser. MERCHANDISE MAY NOT BE RETURNED WITHOUT THE WRITTEN CONSENT OF THE SELLER. All return shipments shall be freight prepaid FOB point of original shipment. 25% will be deducted for restocking. Special fabrications are not returnable. Seller will not be liable for any damages or costs due to late or non delivery of merchandise. Any shipments shipped by air will have a \$20 service charge.

Limited Warranty

NACO INDUSTRIES warrants its products against defects in workmanship and materials for a period of four months from date of delivery; provided that this warranty extends solely to the original purchaser of the products, is void if the product has not been properly installed or has been used other than in a manner as and for the purpose for which it was designed, and the manufacturer has first had delivered to it, freight prepaid, for inspection the products alleged to be defective; provided, further, that this warranty is limited to replacement without charge of products proven to have manufacturing defects, and there is no warranty included against any expense for removal of defective products, reinstallation of replacement products, or any other consequential damage arising from any defect. THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, AS TO MERCHANTABILITY OR FITNESS OF MANUFACTURER'S PRODUCTS, other than expressly provided herein.

Freight Policy

Prices are FOB Naco Plant or Warehouse. UPS and Truck Shipments are made daily, usually midafternoon. Shipments requiring special handling will be charged a \$20.00 service charge and added to the invoice. Claims for freight damage or shortages must be made to the delivering carrier at the destination.

Restocking Charge

A **restocking charge of 25%** applies to all returned merchandise. Written authorization must be obtained before any product can be returned.

Special fabrication items are non-cancellable and non-returnable.

Terms

2%/10 Days Net 30

Standards

ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compound and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

ASTM D 1785 - Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120.

ASTM D 2241 - Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series).

ASTM D 2564 - Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems.

ASTM D 2855 - Standard Practice for Making Solvent Cement Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings.

ASTM F 477 - Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe.

Dimensions are in inches and subject to change without notice.

A tolerance of $\pm 1/2"$ on dimensions should be allowed in the design of piping systems. Lay lengths shall not exceed $\pm 1/2"$ on fittings up to 12" in diameter and $\pm 1"$ on fittings 14" in diameter and up. Elbows, Wyes and all change in direction fittings shall not exceed $\pm 1^\circ$ variance in the specified angle.

Pressure ratings indicated are maximum internal pressure ratings, non-shock at 73° F. A sampling of standard fabricated fittings shall be tested to a minimum of two times the applicable maximum internal pressure ratings in accordance with ASTM D 1599. When temperatures rise above 73° F, the tensile strength of thermoplastics decreases, thereby derating the pipe or fitting Maximum Internal Pressure. When temperatures fall below 73° F, the tensile strength of thermoplastics increases, however, the impact strength decreases.

DO NOT use NACO Industries' fittings to transport or store compressed air or gases, or test thermoplastic piping systems with compressed air or gases.

Abbreviations

• ASAE	American Society of Agricultural Engineers	• G	Gasket	• PVC	Polyvinyl Chloride
• ASTM	American Society for Testing and Materials	• H	Hub, Bell or Socket	• S or Sp	Spigot
• B	Bell, Hub, or Socket	• IPS	Iron Pipe Size	• SCS	Soil Conservation Service
• DWV	Drain, Waste and Vent	• MIPT	Male Iron Pipe Thread	• SDR	Standard Dimension Ratio
• FIPT	Female Iron Pipe Thread	• OD	Outside Diameter	• SW	Solvent Weld
		• PIP	Plastic Irrigation Pipe		
		• PSI	Pounds per Square Inch		



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
Coupler B x B 	4*							3024-0401	11.23
	6	2724-0601	12.78	2824-0601	16.56	2924-0601	18.66	3024-0601	23.14
	8	2724-0801	17.74	2824-0801	20.72	2924-0801	25.54	3024-0801	31.57
	10	2724-1001	24.70	2824-1001	34.53	2924-1001	40.77	3024-1001	51.23
	12	2724-1201	33.20	2824-1201	51.84	2924-1201	62.88	3024-1201	77.89
	14	2724-1401	47.87	2824-1401	75.73				
	15	2724-1501	57.11	2824-1501	78.77	2924-1501	107.78	3024-1501	122.77
	18.7			2824-1871	180.40	2924-1871	226.69	3024-1871	276.42
	21			2824-2101	239.81	2924-2101	396.03	3024-2101	447.12
	24			2824-2401	420.90	2924-2401	528.03	3024-2401	537.76
	27			2824-2701	510.27	2924-2701	639.97	3024-2701	799.94
* This dimension is pip									
PIP x IPS Coupler 	4 x 4					2924-0401i	11.23	3024-0401i	13.33
	6 x 5					2924-5331i	18.24	3024-5331i	21.76
	6 x 6					2924-0601i	22.11	3024-0601i	28.08
	8 x 8					2924-0801i	31.78	3024-0801i	37.89
	10 x 10					2924-1001i	53.22	3024-1001i	65.25
	12 x 12					2924-1201i	82.91	3024-1201i	87.01
End Cap 	4*					2947-0401	18.96		
	6	2747-0601	8.41			2947-0601M	28.19	3047-0601	34.68
	8	2747-0801	14.34			2947-0801M	39.38	3047-0801	48.44
	10	2747-1001	25.45			2947-1001M	62.72	3047-1001	64.50
	12	2747-1201	33.97			2947-1201	74.64	3047-1201	91.23
	14	2747-1401	50.19			2947-1401	112.29		
	15	2747-1501	50.19			2947-1501	121.63	3047-1501	175.44
	18.7					2947-1871	237.73	3047-1871	287.01
	21					2947-2101	363.55	3047-2101	437.89
	24					2947-2401	504.56	3047-2401	632.29
	27					2947-2701	635.04	3047-2701	791.57
* This dimension is pip									
Reducer B x B 	6 x 4*	2732-5321	14.66	*This dimension is pip		2932-5321	23.14	3032-5321	24.56
	6 x 4					2932-5321i	23.14	3032-5321i	28.08
	8 x 4					2932-5821	48.90	3032-5821	60.37
	8 x 6	2732-5851	21.62			2932-5851	35.25	3032-5851	41.41
	10 x 6					2932-6261	70.72	3032-6261	80.35
	10 x 8	2732-6281	34.02			2932-6281	48.37	3032-6281	52.64
	12 x 8					2932-6681	102.75	3032-6681	128.19
	12 x 10	2732-6701	49.51			2932-6701	69.81	3032-6701	84.90
	14 x 10					2932-7001	110.18		
	14 x 12	2732-7021	61.74			2932-7021	98.24		
Single Step 	15 x 10					2932-7301	159.39	3032-7301	213.73
	15 x 12	2732-7321	75.09			2932-7321	112.64	3032-7321	150.88
	15 x 14					2932-7341	115.78		
	18.7 x 12					2932-3771	260.29	3032-3771	324.32
	18.7 x 15					2932-3791	205.25	3032-3791	249.49
	21 x 15					2932-8551	477.20	3032-8551	524.35
	21 x 18.7					2932-8591	282.66	3032-8591	354.56
	21 x 20.4					2932-8621	340.88		
	24 x 18.7					2932-9191	648.42	3032-9191	758.93
	24 x 21					2932-9211	416.08	3032-9211	505.92
Double Step 	27 x 21					2932-9471	900.74		
	27 x 24					2932-9481	623.78	3032-9481	778.11
	4" and smaller outlets are IPS								

Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
 Reducer B x B Fabricated Multiple Step  Concentric (centered) or Eccentric (offset)	6 x 2					2932-5281	54.02		
	6 x 3					2932-5301	55.44		
	8 x 2					2932-5781	56.13		
	8 x 3					2932-5801	56.85		
	10 x 2					2932-6211	72.99		
	10 x 3					2932-6231	76.48		
	10 x 4					2932-6241	80.00		
	12 x 2					2932-6611	103.14		
	12 x 3					2932-6631	111.57		
	12 x 4					2932-6641	121.41		
	12 x 6					2932-6661	124.21		
	14 x 4					2932-6941	98.96		
	14 x 6					2932-6961	99.65		
	14 x 8					2932-6981	103.87		
	15 x 2					2932-7211	142.45		
	15 x 3					2932-7231	146.66		
	15 x 4					2932-7241	151.57		
	15 x 6					2932-7261	157.89		
	15 x 8					2932-7281	173.33		
	18.7 x 2					2932-3701	241.41		
	18.7 x 3					2932-3711	244.21		
	18.7 x 4					2932-3721	249.81		
	18.7 x 6					2932-3741	252.64		
	18.7 x 8					2932-3751	256.85		
	18.7 x 10					2932-3761	317.69		
	21 x 2					2932-8411	362.11		
	21 x 3					2932-8431	366.32		
	21 x 4					2932-8441	374.02		
	21 x 6					2932-8461	386.66		
	21 x 8					2932-8481	396.48		
	21 x 10					2932-8501	411.23		
	21 x 12					2932-8521	444.21		
4" and smaller outlets are IPS	24 x 2					2932-9011	551.57		
	24 x 3					2932-9031	557.89		
	24 x 4					2932-9041	563.52		
	24 x 6					2932-9061	571.23		
	24 x 8					2932-9081	581.04		
	24 x 10					2932-9101	589.47		
	24 x 12					2932-9121	601.41		
	24 x 15					2932-9151	616.85		
	27 x 4					2932-9341	727.36		
	27 x 6					2932-9361	734.40		
	27 x 8					2932-9381	742.88		
	27 x 10					2932-9401	757.65		
	27 x 12					2932-9411	777.41		
	27 x 15					2932-9431	821.09		
	27 x 18					2932-9491	866.91		
 PIP x IPS Reducer	6 x 4					2932-5321i	23.14	3032-5321i	28.08
	8 x 6					2932-5851i	35.25	3032-5851i	41.41
	10 x 8					2932-6281i	48.37	3032-6281i	52.64
	12 x 10					2932-6701i	69.81	3032-6701i	84.90
	15 x 12					2932-7321i	112.64	3032-7321i	150.88

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PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
 Tee B x B x B	6 x 2			2801-5281	35.25	2901-5281	40.77	3001-5281	46.32
	6 x 3			2801-5301	38.00	2901-5301	43.55	3001-5301	49.81
	6 x 4	2701-5321	30.10	2801-5321	39.39	2901-5321	45.60	3001-5321	51.92
	6 x 6	2701-0601	46.32	2801-0601M	50.43	2901-0601M	50.43	3001-0601	61.76
	8 x 2			2801-5781	43.55	2901-5781	50.43	3001-5781	70.18
	8 x 3			2801-5801	48.37	2901-5801	54.59	3001-5801	76.48
	8 x 4	2701-5821	39.36	2801-5821	54.59	2901-5821	59.44	3001-5821	82.80
	8 x 6	2701-5851	46.32	2801-5851	64.93	2901-5851	73.25	3001-5851	102.45
	8 x 8	2701-0801	55.58	2801-0801M	89.15	2901-0801M	89.15	3001-0801	123.52
	10 x 2	2701-6211	50.95	2801-6211	63.57	2901-6211	69.81	3001-6211	97.54
	10 x 3	2701-6231	57.11	2801-6231	69.81	2901-6231	89.15	3001-6231	124.21
	10 x 4	2701-6241	57.90	2801-6241	80.85	2901-6241	91.20	3001-6241	127.71
	10 x 6	2701-6261	65.62	2801-6261	89.15	2901-6261	93.31	3001-6261	140.35
	10 x 8	2701-6281	72.57	2801-6281	102.96	2901-6281	124.40	3001-6281	174.02
	10 x 10	2701-1001	94.19	2801-1001	135.92	2901-1001	143.07	3001-1001	184.56
	12 x 2	2701-6611	72.62	2801-6611	84.29	2901-6611	100.88	3001-6611	152.99
	12 x 3	2701-6631	74.10	2801-6631	99.52	2901-6631	120.93	3001-6631	169.12
	12 x 4	2701-6641	78.73	2801-6641	112.64	2901-6641	134.08	3001-6641	186.66
	12 x 6	2701-6661	88.76	2801-6661	118.85	2901-6661	145.81	3001-6661	204.21
	12 x 8	2701-6681	101.90	2801-6681	140.29	2901-6681	172.08	3001-6681	240.69
IPS branches available at no additional cost	12 x 10	2701-6701	108.86	2801-6701	161.73	2901-6701	198.34	3001-6701	277.20
	12 x 12	2701-1201	131.23	2801-1201	178.32	2901-1201	228.05	3001-1201	322.11
	14 x 2			2801-6911	135.44				
	14 x 3			2801-6931	143.87				
	14 x 4	2701-6941	99.58	2801-6941	146.66				
	14 x 6	2701-6961	106.54	2801-6961	166.32				
	14 x 8	2701-6981	116.57	2801-6981	185.25				
	14 x 10	2701-7001	128.92	2801-7001	209.12				
	14 x 12	2701-7021	146.66	2801-7021	239.30				
	14 x 14	2701-1401	172.92	2801-1401	289.81				
	15 x 2	2701-7211	90.32	2801-7211	155.52	2901-7211	181.76	3001-7211	228.05
	15 x 3	2701-7231	95.71	2801-7231	163.81	2901-7231	191.44	3001-7231	242.61
	15 x 4	2701-7241	102.66	2801-7241	168.64	2901-7241	199.73	3001-7241	250.88
	15 x 6	2701-7261	119.65	2801-7261	183.12	2901-7261	219.78	3001-7261	284.05
	15 x 8	2701-7281	129.68	2801-7281	211.46	2901-7281	246.05	3001-7281	326.91
	15 x 10	2701-7301	142.03	2801-7301	239.81	2901-7301	290.98	3001-7301	369.76
	15 x 12	2701-7321	155.94	2801-7321	274.37	2901-7321	326.91	3001-7321	434.16
	15 x 14	2701-7341	170.60	2801-7341	284.90				
	15 x 15	2701-1501	203.02	2801-1501	333.81	2901-1501	392.58	3001-1501	510.08
4" and smaller outlets are IPS	18.7 x 2			2801-3701	270.24	2901-3701	295.09	3001-3701	360.08
	18.7 x 3			2801-3711	278.53	2901-3711	302.69	3001-3711	402.93
	18.7 x 4			2801-3721	308.24	2901-3721	333.12	3001-3721	429.20
	18.7 x 6			2801-3741	317.22	2901-3741	344.88	3001-3741	439.57
	18.7 x 8			2801-3751	330.37	2901-3751	359.39	3001-3751	490.72
	18.7 x 10			2801-3761	349.01	2901-3761	386.34	3001-3761	536.35
	18.7 x 12			2801-3771	386.34	2901-3771	458.93	3001-3771	602.66
	18.7 x 15			2801-3791	447.87	2901-3791	554.98	3001-3791	701.52
	18.7 x 18.7			2801-1871	516.99	2901-1871	602.66	3001-1871	858.43
Part numbers ending with "M" indicates molded									

Non-stocked fittings are non-cancellable and non-returnable

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI		
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	
(continued) Tee B x B x B IPS branches available at no additional cost.	21 x 2			2801-8411	398.29	2901-8411	492.10	3001-8411	559.84	
	21 x 3			2801-8431	406.40	2901-8431	495.55	3001-8431	569.52	
	21 x 4			2801-8441	414.69	2901-8441	501.09	3001-8441	594.40	
	21 x 6			2801-8461	439.57	2901-8461	607.52	3001-8461	681.49	
	21 x 8			2801-8481	469.28	2901-8481	625.49	3001-8481	709.81	
	21 x 10			2801-8501	500.40	2901-8501	648.99	3001-8501	742.98	
	21 x 12			2801-8521	548.08	2901-8521	655.20	3001-8521	924.08	
	21 x 15			2801-8551	604.08	2901-8551	751.28	3001-8551	1056.10	
	21 x 18.7			2801-8591	704.96	2901-8591	858.43	3001-8591	1204.69	
	21 x 21			2801-2101	953.81	2901-2101	1122.45	3001-2101	1279.33	
	24 x 2			2801-9011	516.99	2901-9011	610.98	3001-9011	660.03	
	24 x 3			2801-9031	550.13	2901-9031	644.16	3001-9031	693.22	
	24 x 4			2801-9041	581.28	2901-9041	693.22	3001-9041	742.98	
	24 x 6			2801-9061	612.37	2901-9061	742.98	3001-9061	792.08	
	24 x 8			2801-9081	652.45	2901-9081	792.08	3001-9081	858.43	
	24 x 10			2801-9101	671.78	2901-9101	858.43	3001-9101	924.08	
	24 x 12			2801-9121	726.43	2901-9121	924.08	3001-9121	990.43	
	24 x 15			2801-9151	797.57	2901-9151	1007.04	3001-9151	1089.28	
	24 x 18.7			2801-9191	908.19	2901-9191	1139.04	3001-9191	1237.89	
	24 x 21			2801-9211	1021.52	2901-9211	1220.58	3001-9211	1468.72	
	24 x 24			2801-2401	1302.16	2901-2401	1501.92	3001-2401	1558.59	
	27 x 4			2801-9341	703.39	2901-9341	883.12	3001-9341	1103.01	
	27 x 6			2801-9361	742.16	2901-9361	950.77	3001-9361	1188.29	
	27 x 8			2801-9381	790.08	2901-9381	1017.73	3001-9381	1272.88	
	27 x 10			2801-9401	814.05	2901-9401	1088.21	3001-9401	1360.99	
	27 x 12			2801-9411	879.60	2901-9411	1175.60	3001-9411	1469.52	
	27 x 15			2801-9431	965.60	2901-9431	1294.02	3001-9431	1618.24	
	27 x 18			2801-9491	1100.21	2901-9491	1467.41	3001-9491	1833.92	
	27 x 21			2801-9471	1237.65	2901-9471	1561.15	3001-9471	1950.91	
	27 x 24			2801-9481	1578.05	2901-9481	1927.65	3001-9481	2409.01	
	27 x 27			2801-2701	1972.74	2901-2701	2313.17	3001-2701	2891.81	
	4" and smaller outlets are IPS									

Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
 Cross Tee B x B x B x B	6 x 2			2808-5281	43.55	2908-5281	50.43	3008-5281	62.45
	6 x 3			2808-5301	47.68	2908-5301	56.67	3008-5301	67.36
	6 x 4	2708-5321	45.55	2808-5321	51.84	2908-5321	60.80	3008-5321	70.88
	6 x 6	2708-0601	48.63	2808-0601	57.36	2908-0601	79.46	3008-0601	100.35
	8 x 2			2808-5781	53.89	2908-5781	64.93	3008-5781	75.78
	8 x 3			2808-5801	58.72	2908-5801	71.17	3008-5801	84.90
	8 x 4	2708-5821	59.84	2808-5821	62.88	2908-5821	76.03	3008-5821	96.13
	8 x 6	2708-5851	63.10	2808-5851	73.25	2908-5851	87.78	3008-5851	110.18
	8 x 8	2708-0801	66.39	2808-0801	97.44	2908-0801	116.10	3008-0801	145.25
	10 x 2			2808-6211	82.91	2908-6211	86.40	3008-6211	98.24
	10 x 3			2808-6231	89.15	2908-6231	100.88	3008-6231	105.97
	10 x 4	2708-6241	62.54	2808-6241	99.52	2908-6241	107.78	3008-6241	135.44
	10 x 6	2708-6261	70.26	2808-6261	112.64	2908-6261	120.93	3008-6261	151.57
	10 x 8	2708-6281	88.00	2808-6281	132.00	2908-6281	147.20	3008-6281	185.25
	10 x 10	2708-1001	118.10	2808-1001	165.17	2908-1001	199.73	3008-1001	235.78
	12 x 2			2808-6611	124.40	2908-6611	127.17	3008-6611	163.52
	12 x 3			2808-6631	137.52	2908-6631	138.93	3008-6631	175.44
	12 x 4	2708-6641	75.65	2808-6641	140.29	2908-6641	152.05	3008-6641	191.57
	12 x 6	2708-6661	83.36	2808-6661	150.66	2908-6661	167.25	3008-6661	210.53
	12 x 8	2708-6681	98.03	2808-6681	175.55	2908-6681	194.88	3008-6681	245.63
IPS branches available at no additional cost.	12 x 10	2708-6701	132.00	2808-6701	206.64	2908-6701	234.98	3008-6701	294.75
	12 x 12	2708-1201	157.45	2808-1201	256.40	2908-1201	302.02	3008-1201	378.96
	14 x 14	2708-1401	196.99	2808-1401	385.25				
	15 x 2			2808-7211	175.55	2908-7211	198.34	3008-7211	231.52
	15 x 3			2808-7231	178.32	2908-7231	210.11	3008-7231	252.96
	15 x 4	2708-7241	117.33	2808-7241	186.61	2908-7241	214.96	3008-7241	262.61
	15 x 6	2708-7261	127.36	2808-7261	205.25	2908-7261	237.73	3008-7261	272.32
	15 x 8	2708-7281	141.26	2808-7281	242.61	2908-7281	272.32	3008-7281	371.84
	15 x 10	2708-7301	179.87	2808-7301	280.58	2908-7301	338.64	3008-7301	450.61
	15 x 12	2708-7321	195.29	2808-7321	330.37	2908-7321	396.03	3008-7321	514.91
	15 x 15	2708-1501	236.98	2808-1501	429.20	2908-1501	520.42	3008-1501	663.52
	18.7 x 3			2808-3711	269.54	2908-3711	322.08	3008-3711	422.98
	18.7 x 4			2808-3721	279.23	2908-3721	328.99	3008-3721	449.22
	18.7 x 6			2808-3741	299.25	2908-3741	355.25	3008-3741	495.55
	18.7 x 8			2808-3751	331.73	2908-3751	388.42	3008-3751	561.20
	18.7 x 10			2808-3761	366.29	2908-3761	420.90	3008-3761	644.16
	18.7 x 12			2808-3771	427.81	2908-3771	520.42	3008-3771	729.86
	18.7 x 15			2808-3791	518.37	2908-3791	676.67	3008-3791	866.72
	18.7 x 18.7			2808-1871	742.98	2908-1871	841.84	3008-1871	1072.67
21" thru 27" reducing crosses are available - call for price -	21 x 21			2808-2101	1096.88	2908-2101	1386.48	3008-2101	1650.48
	24 x 24			2808-2401	1568.24	2908-2401	1848.16	3008-2401	2541.44
	27 x 27			2808-2701	2374.48	2908-2701	2798.08	3008-2701	3636.80

Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
Stub Saddle 	6 x 2	2739-5281	12.49			2939-5281	33.95		
	6 x 3	2739-5301	15.00			2939-5301	48.19		
	6 x 4	2739-5321	17.51			2939-5321	44.69		
	6 x 6	2739-0601	40.59			2939-0601	50.22		
	8 x 2	2739-5781	12.49			2939-5781	35.66		
	8 x 3	2739-5801	15.00			2939-5801	48.19		
	8 x 4	2739-5821	17.51			2939-5821	55.69		
	8 x 6	2739-5851	21.88			2939-5851	68.84		
	8 x 8	2739-0801	49.17			2939-0801	78.43		
	10 x 2	2739-6211	12.49			2939-6211	43.80		
	10 x 3	2739-6231	15.00			2939-6231	48.19		
	10 x 4	2739-6241	17.51			2939-6241	55.69		
	10 x 6	2739-6261	20.64			2939-6261	68.84		
	10 x 8	2739-6281	38.96			2939-6281	90.13		
	10 x 10	2739-1001	69.52			2939-1001	102.63		
	12 x 2	2739-6611	13.13			2939-6611	43.80		
	12 x 3	2739-6631	16.25			2939-6631	48.19		
	12 x 4	2739-6641	17.51			2939-6641	55.69		
	12 x 6	2739-6661	20.64			2939-6661	68.84		
	12 x 8	2739-6681	27.52			2939-6681	90.13		
	12 x 10	2739-6701	36.28			2939-6701	97.63		
	12 x 12	2739-1201	97.02			2939-1201	111.21		
	14 x 2	2739-6911	12.49						
	14 x 3	2739-6931	16.25						
	14 x 4	2739-6941	17.51			2939-6941	71.39		
	14 x 6	2739-6961	20.64			2939-6961	73.61		
	14 x 8	2739-6981	29.39			2939-6981	91.31		
	14 x 10	2739-7001	38.17			2939-7001	101.30		
	14 x 12	2739-7021	54.44			2939-7021	133.64		
	15 x 2	2739-7211	14.39			2939-7211	63.22		
	15 x 3	2739-7231	16.25			2939-7231	70.09		
	15 x 4	2739-7241	17.51			2939-7241	73.23		
	15 x 6	2739-7261	22.09			2939-7261	75.72		
	15 x 8	2739-7281	29.39			2939-7281	90.13		
	15 x 10	2739-7301	38.17			2939-7301	103.90		
	15 x 12	2739-7321	54.44			2939-7321	137.07		
	15 x 14	2739-7341	85.12						
4" and smaller outlets are IPS	18.7 x 2					2939-3701	103.27		
	18.7 x 3					2939-3711	105.78		
	18.7 x 4					2939-3721	127.68		
	18.7 x 6					2939-3741	162.75		
	18.7 x 8					2939-3751	174.00		
	18.7 x 10					2939-3761	200.30		
	18.7 x 12					2939-3771	230.98		
	18.7 x 15					2939-3791	323.10		

Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
(continued) Stub Saddle 	21 x 2					2939-8411	297.40		
	21 x 3					2939-8431	312.98		
	21 x 4					2939-8441	318.60		
	21 x 6					2939-8461	335.42		
	21 x 8					2939-8481	387.79		
	21 x 10					2939-8501	417.73		
	21 x 12					2939-8521	421.47		
	21 x 15					2939-8551	483.81		
	21 x 18.7					2939-8591	551.77		
	24 x 2					2939-9011	393.42		
	24 x 3					2939-9031	414.61		
	24 x 4					2939-9041	445.79		
	24 x 6					2939-9061	478.21		
	24 x 8					2939-9081	509.39		
	24 x 10					2939-9101	551.78		
	24 x 12					2939-9121	594.18		
	24 x 15					2939-9151	647.80		
	24 x 18.7					2939-9191	695.96		
	24 x 21					2939-9211	784.96		
	27 x 2					2939-9311	492.55		
	27 x 3					2939-9331	519.35		
	27 x 4					2939-9341	557.38		
	27 x 6					2939-9361	598.53		
	27 x 8					2939-9381	636.57		
	27 x 10					2939-9401	690.20		
	27 x 12					2939-9411	742.57		
	27 x 15					2939-9431	810.52		
	27 x 18					2939-9491	844.81		
	27 x 21					2939-9471	981.98		
	27 x 24					2939-9481	1022.51		
11 1/4° Elbow B x B 	6	2710-0601	14.66	2810-0601	18.66	2910-0601	22.11	3010-0601	27.36
	8	2710-0801	21.58	2810-0801	30.40	2910-0801	33.17	3010-0801	41.41
	10	2710-1001	31.15	2810-1001	54.59	2910-1001	62.88	3010-1001	80.00
	12	2710-1201	43.18	2810-1201	77.38	2910-1201	87.78	3010-1201	110.18
	14	2710-1401	61.74	2810-1401	105.25				
	15	2710-1501	74.27	2810-1501	120.24	2910-1501	147.20	3010-1501	191.44
	18.7			2810-1871	206.64	2910-1871	244.67	3010-1871	304.08
	21			2810-2101	344.88	2910-2101	393.25	3010-2101	512.16
	24			2810-2401	463.76	2910-2401	512.16	3010-2401	552.93
	27			2810-2701	581.47	2910-2701	620.93	3010-2701	807.71
15° Elbow B x B 	6	2711-0601	14.66	2811-0601	18.66	2911-0601	22.11	3011-0601	27.36
	8	2711-0801	21.58	2811-0801	30.40	2911-0801	33.17	3011-0801	41.41
	10	2711-1001	31.15	2811-1001	54.59	2911-1001	62.88	3011-1001	80.00
	12	2711-1201	43.18	2811-1201	77.38	2911-1201	87.78	3011-1201	110.18
	14	2711-1401	61.74	2811-1401	105.25				
	15	2711-1501	74.27	2811-1501	120.24	2911-1501	147.20	3011-1501	191.44
	18.7			2811-1871	206.64	2911-1871	244.67	3011-1871	304.08
	21			2811-2101	344.88	2911-2101	393.25	3011-2101	512.16
	24			2811-2401	463.76	2911-2401	512.16	3011-2401	552.93
	27			2811-2701	581.47	2911-2701	620.93	3011-2701	807.71

Other elbows from 1 to 90 degrees are available - call for pricing - non-standard elbows are non-cancellable and non-returnable

Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

		PIP 50 PSI		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
22 ½° Elbow B x B 	6	2712-0601	14.66	2812-0601	18.66	2912-0601	22.11	3012-0601	27.36
	8	2712-0801	21.58	2812-0801	30.40	2912-0801	33.17	3012-0801	41.41
	10	2712-1001	31.15	2812-1001	54.59	2912-1001	62.88	3012-1001	80.00
	12	2712-1201	43.18	2812-1201	77.38	2912-1201	87.78	3012-1201	110.18
	14	2712-1401	61.74	2812-1401	105.25				
	15	2712-1501	74.27	2812-1501	120.24	2912-1501	147.20	3012-1501	191.44
	18.7			2812-1871	206.64	2912-1871	244.67	3012-1871	304.08
	21			2812-2101	344.88	2912-2101	393.25	3012-2101	512.16
	24			2812-2401	463.76	2912-2401	512.16	3012-2401	552.93
	27			2812-2701	581.47	2912-2701	620.93	3012-2701	807.71
30° Elbow B x B 	6	2713-0601	24.70	2813-0601	28.32	2913-0601	29.70	3013-0601	38.59
	8	2713-0801	35.52	2813-0801	42.85	2913-0801	51.84	3013-0801	65.25
	10	2713-1001	45.55	2813-1001	66.32	2913-1001	78.08	3013-1001	98.96
	12	2713-1201	75.91	2813-1201	95.36	2913-1201	116.10	3013-1201	145.25
	14	2713-1401	101.90	2813-1401	130.53				
	15	2713-1501	122.20	2813-1501	150.66	2913-1501	180.40	3013-1501	223.23
	18.7			2813-1871	246.05	2913-1871	300.64	3013-1871	376.67
	21			2813-2101	398.11	2913-2101	485.20	3013-2101	610.98
	24			2813-2401	1135.60	2913-2401	1320.10	3013-2401	1385.79
	27			2813-2701	1251.73	2913-2701	1408.21	3013-2701	1551.28
45° Elbow B x B 	6	2714-0601	24.70	2814-0601	28.32	2914-0601	29.70	3014-0601	38.59
	8	2714-0801	35.52	2814-0801	42.85	2914-0801	51.84	3014-0801	65.25
	10	2714-1001	45.55	2814-1001	66.32	2914-1001	78.08	3014-1001	98.96
	12	2714-1201	75.91	2814-1201	95.36	2914-1201	116.10	3014-1201	145.25
	14	2714-1401	101.90	2814-1401	130.53				
	15	2714-1501	122.20	2814-1501	150.66	2914-1501	180.40	3014-1501	223.23
	18.7			2814-1871	246.05	2914-1871	300.64	3014-1871	376.67
	21			2814-2101	398.11	2914-2101	485.20	3014-2101	610.98
	24			2814-2401	1135.60	2914-2401	1320.10	3014-2401	1385.79
	27			2814-2701	1251.73	2914-2701	1408.21	3014-2701	1551.28
60° Elbow B x B 	6	2715-0601	68.70	2815-0601	68.42	2915-0601	80.16	3015-0601	101.04
	8	2715-0801	83.36	2815-0801	92.61	2915-0801	126.48	3015-0801	146.66
	10	2715-1001	137.39	2815-1001	152.05	2915-1001	178.32	3015-1001	224.56
	12	2715-1201	182.95	2815-1201	195.57	2915-1201	250.18	3015-1201	278.59
	14	2715-1401	223.87	2815-1401	282.11				
	15	2715-1501	251.65	2815-1501	326.21	2915-1501	387.73	3015-1501	443.73
	18.7			2815-1871	490.72	2915-1871	577.79	3015-1871	759.57
	21			2815-2101	767.87	2915-2101	930.98	3015-2101	1143.87
	24			2815-2401	1716.16	2915-2401	2046.56	3015-2401	2155.73
	27			2815-2701	1828.26	2915-2701	2181.38	3015-2701	2399.87
90° Elbow B x B  Part numbers ending in "M" indicates molded.	6	2716-0601	68.70	2916-0601M	74.29	2916-0601M	74.29	3016-0601	101.04
	8	2716-0801	83.36	2916-0801M	109.55	2916-0801M	109.55	3016-0801	146.66
	10	2716-1001	137.39	2916-1001M	165.19	2916-1001M	165.19	3016-1001	224.56
	12	2716-1201	182.95	2816-1201	195.57	2916-1201	250.18	3016-1201	278.59
	14	2716-1401	223.87	2816-1401	282.11				
	15	2716-1501	251.65	2816-1501	326.21	2916-1501	387.73	3016-1501	443.73
	18.7			2816-1871	490.72	2916-1871	577.79	3016-1871	759.57
	21			2816-2101	767.87	2916-2101	930.98	3016-2101	1143.87
	24			2816-2401	1716.16	2916-2401	2046.56	3016-2401	2155.73
	27			2816-2701	1828.26	2916-2701	2181.38	3016-2701	2399.87

Other elbows from 1 to 90 degrees are available - call for pricing - non-standard elbows are non-cancellable and non-returnable

Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

Item	Size	Part No.	List Price
PIP x IPS Reducer Bushing 	4	3033-040i	15.43
	6	3033-060i	22.39
	8	3033-080i	24.70
	10	3033-100i	35.46
	12	3033-120i	54.12

Item	Size	Part No.	List Price
PIP x OD Adapter B x B 100 psi material 	6 x 6	2919-0601F	24.56
	8 x 8	2919-0801F	30.88
	10 x 10	2919-1001F	49.81
	12 x 12	2919-1201F	65.97
	15 x 15	2919-1501F	122.11

Tee B x B x FIPT 100 psi 	6 x 2	2901-528115	38.00
	6 x 3	2901-530115	46.29
	6 x 4	2901-532115	51.84
	8 x 2	2901-578115	64.26
	8 x 3	2901-580115	67.71
	8 x 4	2901-582115	73.25
	10 x 2	2901-621115	87.78
	10 x 3	2901-623115	107.78
	10 x 4	2901-624115	115.41
	12 x 2	2901-661115	134.08
	12 x 3	2901-663115	148.56
	12 x 4	2901-664115	170.02
	15 x 2	2901-721115	220.99
	15 x 3	2901-723115	238.98
	15 x 4	2901-724115	252.08

Tee B x Sp x FIPT 100 psi 	6 x 2	2901-528135	35.25
	6 x 3	2901-530135	41.47
	6 x 4	2901-532135	48.37
	8 x 2	2901-578135	56.67
	8 x 3	2901-580135	62.18
	8 x 4	2901-582135	67.71
	10 x 2	2901-621135	84.29
	10 x 3	2901-623135	102.96
	10 x 4	2901-624135	109.20
	12 x 2	2901-661135	125.76
	12 x 3	2901-663135	143.76
	12 x 4	2901-664135	163.81
	15 x 2	2901-721135	219.78
	15 x 3	2901-723135	232.90
	15 x 4	2901-724135	248.10

Wye B x B x B 80 psi material 	6 x 4	2857-5321	41.14
	6 x 6	2857-0601	45.52
	8 x 4	2857-5821	72.31
	8 x 6	2857-5851	77.94
	8 x 8	2857-0801	102.25
	10 x 4	2857-6241	86.67
	10 x 6	2857-6261	97.89
	10 x 8	2857-6281	114.72
	10 x 10	2857-1001	149.02
	12 x 4	2857-6641	122.20
	12 x 6	2857-6661	147.08
	12 x 8	2857-6681	164.34
	12 x 10	2857-6701	177.13
	12 x 12	2857-1201	241.08
	15 x 4	2857-7241	230.86
	15 x 6	2857-7261	244.29
	15 x 8	2857-7281	295.26
	15 x 10	2857-7301	326.77
	15 x 12	2857-7321	361.32
	15 x 15	2857-1501	507.76
4" and smaller outlets are IPS	18.7 x 4	2857-3721	412.48
	18.7 x 6	2857-3741	447.00
	18.7 x 8	2857-3751	483.45
	18.7 x 10	2857-3761	525.65
	18.7 x 12	2857-3771	569.14
	18.7 x 15	2857-3791	661.88

Wye Saddle 80 psi material 	6 x 4	2858-5321	43.64
	8 x 4	2858-5821	52.37
	8 x 6	2858-5851	68.57
	10 x 4	2858-6241	69.83
	10 x 6	2858-6261	79.81
	10 x 8	2858-6281	92.27
	12 x 4	2858-6641	99.12
	12 x 6	2858-6661	115.96
	12 x 8	2858-6681	129.06
	12 x 10	2858-6701	139.04
	15 x 4	2858-7241	182.68
	15 x 6	2858-7261	192.65
	15 x 8	2858-7281	231.92
	15 x 10	2858-7301	257.50
	15 x 12	2858-7321	286.18
	18.7 x 4	2858-3721	325.45
	18.7 x 6	2858-3741	354.13
	18.7 x 8	2858-3751	382.20
	18.7 x 10	2858-3761	414.61
	18.7 x 12	2858-3771	448.28
	18.7 x 15	2858-3791	453.27

Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

Item	Size	Part No.	List Price
Butterfly Valve B x B Above Ground 22 psi	6	2542-0601	239.29
	8	2542-0801	253.67
	10	2542-1001	300.08
	12	2542-1201	382.38



Item	Size	Part No.	List Price
Butterfly Valve B x B Underground 22 psi	6	2543-0601	237.07
	8	2543-0801	252.85



Van Stone Style Flange Flange x Socket 150 Series  100 psi 6" - 12" Flanges are Bushed PIP	6 x 6.140	2953-06041	79.07
	8 x 8.160	2953-08041	119.72
	10 x 10.200	2953-10041	168.34
	12 x 12.240	2953-12041	257.07
	14 x 15.300	2953-14041	688.72
	16 x 15.300	2953-16041	695.96
	18 x 18.701	2953-18741	1126.30
	20 x 22.047	2953-20041	1715.62
	24 x 24.803	2953-24041	2512.44

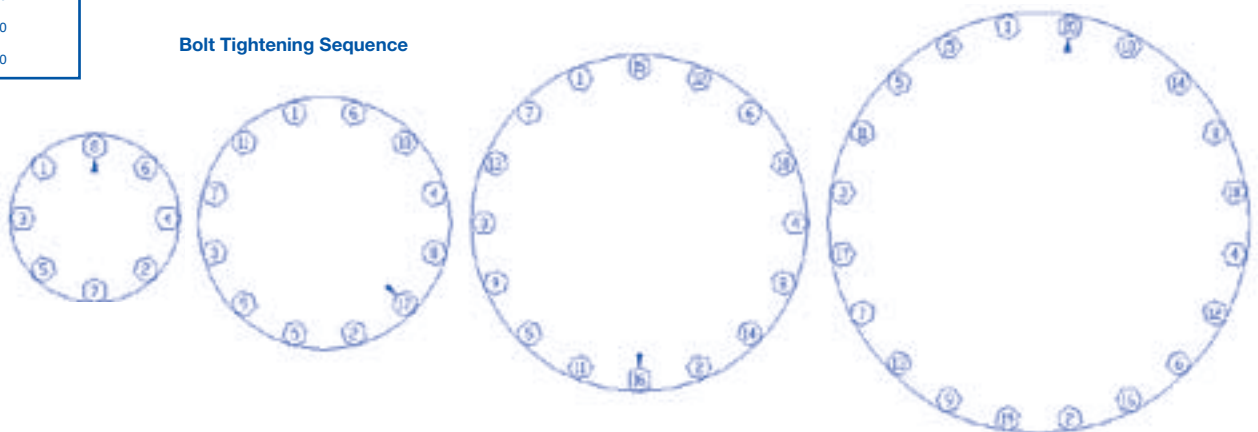
Van Stone Style Flange Flange x Gasket 150 Series  100 psi	6 x 6.140	2953-06042	104.22
	8 x 8.160	2953-08042	152.97
	10 x 10.200	2953-10042	226.20
	12 x 12.240	2953-12042	339.51
	14 x 15.300	2953-14042	772.27
	16 x 15.300	2953-16042	820.51
	18 x 18.701	2953-18742	1272.98
	20 x 22.047	2953-20042	1952.60
	24 x 24.803	2953-24042	2834.99

Van Stone Flanges	
SIZE	# OF BOLT HOLES
6"	8
8"	8
10"	12
12"	12
14"	12
16"	16
18"	16
20"	20
24"	20

Van Stone Flanges
6" - 12" Flange Rings
are FRP*

14" - 24" Flange Rings
are Steel 1/2" thick
* FRP - Injection Molded
Fiberglassed Reinforced
Plastic Flange Rings

Bolt Tightening Sequence



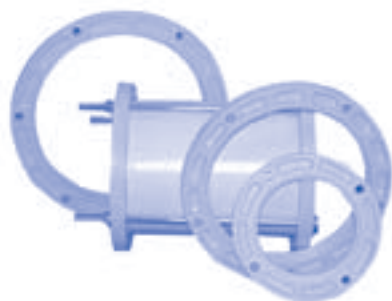


PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
 Bolted Repair Coupler 12" length 100 psi zinc plated bolts PVC body w/ FRP* flange ring	6	2928-060	95.11	 Bolted Repair Coupler 18" length 100 psi zinc plated bolts PVC body w/ FRP* flange ring	6	2929-060	108.75
	8	2928-080	118.95		8	2929-080	134.85
	10	2928-100	143.37		10	2929-100	187.92
	12	2928-120	165.11		12	2929-120	196.28
	14	2928-140	267.93		15	2929-150	342.45
	15	2928-150	299.78				

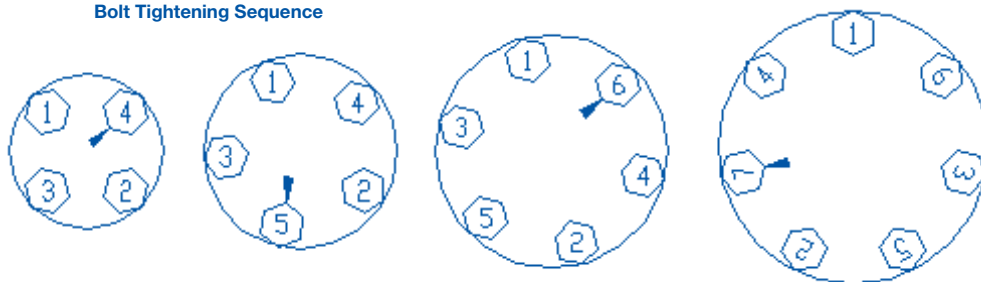
* FRP - Injection Molded Fiberglass Reinforced Plastic Flange Rings
Note: See page 28 for Stainless Steel Bolt Packs



NACO Industries Bolted Compression Couplers with *Injection Molded* Fiberglass Reinforced PVC Flange Ends.

Exceptional Corrosion Resistance -
Add our new *injection molded fiberglass reinforced PVC flanges* to our **PVC body** with Buna-S gaskets, and you have a superior product that ***will not pit, rust, or scale*** which is so common to metal compression couplers.

Bolt Tightening Sequence



6" - 4 bolts
8" - 4 bolts
10" - 5 bolts
12" - 6 bolts
14" & 15" - 7 bolts

*Non-stocked fittings are non-cancellable and non-returnable



PIP-Solvent Weld

PIP 50, 80, 100, 125
Solvent Weld

Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
Male Threaded Adapter PIP Bell x MIPT  Non-pressure 200 psi material	4	3019-04061	16.23	Female Threaded Adapter PIP Bell x FIPT  Non-pressure 200 psi material	4	3019-04051	16.98
	6	3019-06061	61.01		6	3019-06051	68.75
	8	3019-08061	86.47		8	3019-08051	102.66
	10	3019-10061	126.60		10	3019-10051	142.79
	12	3019-12061	149.01		12	3019-12051	165.20
Air Relief Valve Adapter 80 psi 	10 x 3	2822-623133	75.65	Air Relief Valve Adapter 100 psi 	6 x 2	2922-528133	46.32
	12 x 4	2822-664133	101.90		8 x 3	2922-580133	63.29
	14 x 4	2822-694133	160.57		10 x 3	2922-623133	84.92
	15 x 4	2822-724133	160.57		12 x 4	2922-664133	115.78
					15 x 4	2922-724133	183.71
Riser Nipple mipr x mipr  size x length	3 x 24	3464-3646	38.59	Threaded Plug Raised Nut Non-pressure rated 	4	3748-0406M	5.44
	4 x 24	3364-4446	49.81		6	3748-0606M	16.73
	3 x 30	3464-3686	40.00		8	3748-0806M	70.17
	4 x 30	3364-4486	52.64		10	3748-1006M	138.92
	3 x 36	3464-3856	42.00		12	3748-1206M	207.64
	4 x 36	3364-4656	55.64				
Threaded Valve Stub 	4 x 3	8599200	70.40	Stainless Steel Strapping 	6	65200008	7.19
	4 x 4	8599210	77.79		8	65200009	8.44
					10	65200010	8.80
					12	65200011	10.64
					15	65200012	13.56
					18	65200013	13.94
PIP x Valve Adapter B x B 100 psi material 	6 x 6	2919-0601V	24.56				
	8 x 8	2919-0801V	30.88				
	10 x 10	2919-1001V	49.81				
	12 x 12	2919-1201V	65.97				
	15 x 15	2919-1501V	122.11				

Non-stocked fittings are non-cancellable and non-returnable



PIP-Gasketed

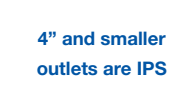
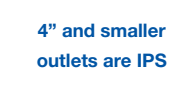
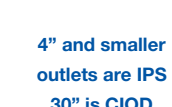
		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
Adapter G x Sp  30" is CIOD	6			2919-06023	36.58	3019-06023	46.29
	8			2919-08023	56.64	3019-08023	73.70
	10	2819-10023	78.08	2919-10023	82.88	3019-10023	109.44
	12	2819-12023	96.10	2919-12023	112.64	3019-12023	143.89
	15	2819-15023	148.58	2919-15023	224.64	3019-15023	261.22
	18.7	2819-18723	249.49	2919-18723	304.10	3019-18723	343.78
	21	2819-21023	364.90	2919-21023	450.77	3019-21023	523.84
	24	2819-24023	452.69	2919-24023	697.86	3019-24023	597.86
	27	2819-27023	578.98	2919-27023	723.52	3019-27023	904.53
	30			6419-30023	1653.46		
Coupler with Center Stop G x G  30" is CIOD	6			2924-0602	46.18	3024-0602	60.58
	8			2924-0802	75.94	3024-0802	99.41
	10	2824-1002	84.16	2924-1002	109.01	3024-1002	146.66
	12	2824-1202	122.13	2924-1202	135.25	3024-1202	194.56
	15	2824-1502	196.69	2924-1502	293.33	3024-1502	311.57
	18.7	2824-1872	328.53	2924-1872	346.45	3024-1872	453.86
	21	2824-2102	410.66	2924-2102	560.10	3024-2102	656.85
	24	2824-2402	616.74	2924-2402	747.09	3024-2402	933.86
	27	2824-2702	795.73	2924-2702	901.86	3024-2702	1167.89
	30			6419-3002	1705.82		
Repair Coupler without Center Stop G x G  30" is CIOD	6			2925-0602	63.89		
	8			2925-0802	90.56		
	10	2825-1002	136.10	2925-1002	145.28		
	12	2825-1202	188.80	2925-1202	199.36		
	15	2825-1502	282.77	2925-1502	296.85		
	18.7	2825-1872	470.93	2925-1872	543.14		
	21	2825-2102	651.20	2925-2102	868.80		
	24	2825-2402	904.53	2925-2402	1085.65		
	27	2825-2702	1157.86	2925-2702	1447.04		
	30			6425-3002	2590.17		
End Cap G x Cap  30" is CIOD	6			2947-0602	65.60	3047-0602	73.28
	8			2947-0802	96.53	3047-0802	116.26
	10			2947-1002	155.73	3047-1002	181.86
	12			2947-1202	208.64	3047-1202	262.18
	15			2947-1502	299.52	3047-1502	423.68
	18.7			2947-1872	563.20	3047-1872	688.00
	21			2947-2102	815.46	3047-2102	1090.34
	24			2947-2402	1141.12	3047-2402	1380.69
	27			2947-2702	1275.73	3047-2702	1453.33
	30			6447-3002	1375.75		
End Plug Sp x Plug  30" is CIOD	6			2948-0603	26.45	3048-0603	35.84
	8			2948-0803	65.28	3048-0803	86.40
	10			2948-1003	105.60	3048-1003	138.56
	12			2948-1203	122.66	3048-1203	161.38
	15			2948-1503	204.90	3048-1503	269.01
	18.7			2948-1873	291.94	3048-1873	383.14
	21			2948-2103	444.05	3048-2103	583.68
	24			2948-2403	555.84	3048-2403	733.65
	27			2948-2703	710.29	3048-2703	917.86
	30			6448-3003	1325.48		
Expansion Joint Coupler G x B  size x overall length	6 x 31			2927-06021	72.96		
	8 x 31			2927-08021	108.80		
	10 x 31			2927-10021	145.28		
	12 x 31			2927-12021	181.01		
	15 x 31			2927-15021	253.33		
	18.7 x 31			2927-18721	335.04		
PIP x IPS Coupler G x G  15 x 12	6			2924-0602i	53.86	3024-0602i	68.05
	8			2924-0802i	73.28	3024-0802i	93.33
	10			2924-1002i	107.09	3024-1002i	136.10
	12			2924-1202i	178.34	3024-1202i	226.66
	15 x 12			2924-7322i	289.81	3024-7322i	362.13

PIP 80, 100, 125
Gasketed



PIP-Gasketed

PIP 80, 100, 125
Gasketed

		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
 Reducer G x G  Single Step  Double Step 4" and smaller outlets are IPS 30" is CIOD	6 x 4			2932-5322	67.73	3032-5322	87.36
	8 x 4			2932-5822	99.62	3032-5822	132.37
	8 x 6			2932-5852	89.17	3032-5852	112.74
	10 x 6			2932-6262	165.44	3032-6262	206.82
	10 x 8	2832-6282	127.57	2932-6282	143.04	3032-6282	181.86
	12 x 8			2932-6682	228.26	3032-6682	275.09
	12 x 10	2832-6702	172.69	2932-6702	196.26	3032-6702	250.88
	15 x 10			2932-7302	350.29	3032-7302	438.40
	15 x 12	2832-7322	254.40	2932-7322	285.44	3032-7322	356.69
	18.7 x 12			2932-3772	555.84	3032-3772	665.81
	18.7 x 15	2832-3792	454.61	2932-3792	498.98	3032-3792	570.24
	21 x 15			2932-8552	874.13	3032-8552	1093.01
	21 x 18.7	2832-8592	694.73	2932-8592	784.42	3032-8592	872.96
	24 x 18.7	2832-9192	744.96	2932-9192	1446.72	3032-9192	1798.72
	24 x 21	2832-9212	1181.22	2932-9212	1315.20	3032-9212	1635.20
 Reducer G x Sp  Single Step  Double Step 4" and smaller outlets are IPS 30" is CIOD	6 x 4			2932-53223	50.45	3032-53223	72.96
	8 x 4			2932-58223	80.00	3032-58223	103.89
	8 x 6			2932-58523	71.89	3032-58523	94.72
	10 x 6			2932-62623	115.84	3032-62623	160.00
	10 x 8	2832-62823	98.24	2932-62823	103.68	3032-62823	145.28
	12 x 8			2932-66823	169.81	3032-66823	207.68
	12 x 10	2832-67023	137.60	2932-67023	152.10	3032-67023	188.80
	15 x 10			2932-73023	282.77	3032-73023	318.61
	15 x 12	2832-73223	217.60	2932-73223	253.01	3032-73223	285.44
	18.7 x 12			2932-37723	537.28	3032-37723	557.22
	18.7 x 15	2832-37923	416.10	2932-37923	481.06	3032-37923	498.98
	21 x 15			2932-85523	836.05	3032-85523	901.65
	21 x 18.7	2832-85923	615.46	2932-85923	748.58	3032-85923	819.73
	24 x 18.7			2932-91923	1253.65	3032-91923	1512.21
	24 x 21	2832-92123	904.53	2932-92123	1139.62	3032-92123	1374.72
 Reducer Sp x G  Single Step  Double Step 4" and smaller outlets are IPS 30" is CIOD	6 x 4			2932-53232	53.86	3032-53232	63.46
	8 x 4			2932-58232	95.89	3032-58232	97.81
	8 x 6			2932-58532	67.73	3032-58532	73.28
	10 x 6			2932-62632	149.22	3032-62632	165.22
	10 x 8	2832-62832	90.88	2932-62832	107.09	3032-62832	131.09
	12 x 8			2932-66832	211.73	3032-66832	233.70
	12 x 10	2832-67032	131.09	2932-67032	143.04	3032-67032	185.38
	15 x 10			2932-73032	305.70	3032-73032	366.18
	15 x 12	2832-73232	193.17	2932-73232	221.22	3032-73232	313.81
	18.7 x 12			2932-37732	487.57	3032-37732	583.36
	18.7 x 15	2832-37932	378.45	2932-37932	427.84	3032-37932	498.98
	21 x 15			2932-85532	759.89	3032-85532	949.86
	21 x 18.7	2832-85932	581.44	2932-85932	644.90	3032-85932	748.58
	24 x 18.7			2932-91932	1179.20	3032-91932	1311.46
	24 x 21	2832-92132	890.13	2932-92132	1072.00	3032-92132	1192.21
	27 x 24	2832-94832	1244.05	2932-94832	1489.92	3032-94832	1860.69
	30 x 24			6432-97032P	2486.04		
	30 x 27			6432-97132P	2963.26		

Non-stocked fittings are non-cancellable and non-returnable



PIP-Gasketed

		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
11 1/4° Elbow G x G  G x Sp Available at the same price. * 30" is CIOD	6			2910-0602	67.73	3010-0602	79.68
	8			2910-0802	100.26	3010-0802	119.14
	10	2810-1002	134.82	2910-1002	148.58	3010-1002	174.82
	12	2810-1202	183.14	2910-1202	214.29	3010-1202	253.01
	15	2810-1502	322.77	2910-1502	353.92	3010-1502	418.88
	18.7	2810-1872	511.46	2910-1872	586.13	3010-1872	696.74
	21	2810-2102	755.41	2910-2102	812.80	3010-2102	1056.85
	24	2810-2402	1250.34	2910-2402	1420.90	3010-2402	1776.10
	27	2810-2702	1617.49	2910-2702	1829.65	3010-2702	2220.90
	30			6410-3002	3256.74		
15° Elbow G x G  G x Sp Available at the same price. * 30" is CIOD	6			2911-0602	67.73	3011-0602	79.68
	8			2911-0802	100.26	3011-0802	119.14
	10	2811-1002	134.82	2911-1002	148.58	3011-1002	174.82
	12	2811-1202	183.14	2911-1202	214.29	3011-1202	253.01
	15	2811-1502	322.77	2911-1502	353.92	3011-1502	418.88
	18.7	2811-1872	511.46	2911-1872	586.13	3011-1872	696.74
	21	2811-2102	775.41	2911-2102	812.80	3011-2102	1056.85
	24	2811-2402	1250.34	2911-2402	1420.90	3011-2402	1776.10
	27	2811-2702	1617.49	2911-2702	1829.65	3011-2702	2220.90
	30			6411-3002	3256.74		
22 1/2° Elbow G x G  G x Sp Available at the same price. * 30" is CIOD	6			2912-0602	67.73	3012-0602	79.68
	8			2912-0802	100.26	3012-0802	119.14
	10	2812-1002	134.82	2912-1002	148.58	3012-1002	174.82
	12	2812-1202	183.14	2912-1202	214.29	3012-1202	253.01
	15	2812-1502	322.77	2912-1502	353.92	3012-1502	418.88
	18.7	2812-1872	511.46	2912-1872	586.13	3012-1872	696.74
	21	2812-2102	755.41	2912-2102	812.80	3012-2102	1056.85
	24	2812-2402	1250.34	2912-2402	1420.90	3012-2402	1776.10
	27	2812-2702	1617.49	2912-2702	1829.65	3012-2702	2220.90
	30			6412-3002	3256.74		
30° Elbow G x G  G x Sp Available at the same price. * 30" is CIOD	6			2913-0602	79.46	3013-0602	96.53
	8			2913-0802	112.64	3013-0802	136.00
	10	2813-1002	145.81	2913-1002	161.70	3013-1002	192.42
	12	2813-1202	196.26	2913-1202	230.18	3013-1202	274.88
	15	2813-1502	399.46	2913-1502	465.81	3013-1502	520.42
	18.7	2813-1872	561.17	2913-1872	660.05	3013-1872	825.28
	21	2813-2102	836.26	2913-2102	994.56	3013-2102	1175.04
	24	2813-2402	1341.97	2913-2402	1525.22	3013-2402	1905.81
	27	2813-2702	1812.80	2913-2702	2062.29	3013-2702	2477.44
	30			6413-3002	3296.04		

Other elbows from 1 to 90 degrees are available - call for pricing
 *Add the numeral 3 to the end of the original part # for G x Sp elbows

Non-stocked fittings are non-cancellable and non-returnable



PIP-Gasketed

		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
45° Elbow G x G  G x Sp Available at the same price. * 30" is CIOD	6			2914-0602	79.46	3014-0602	96.53
	8			2914-0802	112.64	3014-0802	136.00
	10	2814-1002	145.81	2914-1002	161.70	3014-1002	192.42
	12	2814-1202	196.26	2914-1202	230.18	3014-1202	274.88
	15	2814-1502	399.46	2914-1502	465.81	3014-1502	520.42
	18.7	2814-1872	561.17	2914-1872	660.05	3014-1872	825.28
	21	2814-2102	836.26	2914-2102	994.56	3014-2102	1175.04
	24	2814-2402	1341.97	2914-2402	1525.22	3014-2402	1905.81
	27	2814-2702	1812.80	2914-2702	2062.29	3014-2702	2477.44
	30			6414-3002	3296.04		
60° Elbow G x G  G x Sp Available at the same price. * 30" is CIOD	6			2915-0602	89.81	3015-0602	113.38
	8			2915-0802	143.78	3015-0802	174.82
	10	2815-1002	195.62	2915-1002	221.86	3015-1002	270.61
	12	2815-1202	266.13	2915-1202	315.20	3015-1202	388.37
	15	2815-1502	510.08	2915-1502	644.16	3015-1502	726.40
	18.7	2815-1872	855.68	2915-1872	990.40	3015-1872	1007.04
	21	2815-2102	1240.00	2915-2102	1486.72	3015-2102	1795.62
	24	2815-2402	1979.09	2915-2402	2249.06	3015-2402	2812.16
	27	2815-2702	2685.33	2915-2702	3110.29	3015-2702	3697.38
	30			6415-3002	3980.25		
90° Elbow G x G  G x Sp Available at the same price. * 30" is CIOD	6			2916-0602	89.81	3016-0602	113.38
	8			2916-0802	143.78	3016-0802	174.82
	10	2816-1002	195.62	2916-1002	221.86	3016-1002	270.61
	12	2816-1202	266.13	2916-1202	315.20	3016-1202	388.37
	15	2816-1502	510.08	2916-1502	644.16	3016-1502	726.40
	18.7	2816-1872	855.68	2916-1872	990.40	3016-1872	1007.04
	21	2816-2102	1240.00	2916-2102	1486.72	3016-2102	1795.62
	24	2816-2402	1979.09	2916-2402	2249.06	3016-2402	2812.16
	27	2816-2702	2685.33	2916-2702	3110.29	3016-2702	3697.38
	30			6416-3002	3980.25		
Other elbows from 1 to 90 degrees are available - call for pricing							
* Add the numeral 3 to the end of the original part # for G x Sp elbows							
Repair Tee G x G x FIPT 	6 x 3			2902-530225	90.88		
	8 x 3			2902-580225	124.05		
	10 x 3			2902-623225	160.00		
	12 x 3			2902-663225	243.84		
Repair Tee G x Sp x FIPT 	6 x 3			2902-530235	83.73		
	8 x 3			2902-580235	106.24		
	10 x 3			2902-623235	143.36		
	12 x 3			2902-663235	205.76		
Cross Tee G x G x G x G  reducing crosses are available call for pricing 30" is CIOD	6 x 6			2908-0602	142.40		
	8 x 8			2908-0802	205.22		
	10 x 10	2808-1002	287.57	2908-1002	298.85		
	12 x 12	2808-1202	412.58	2908-1202	429.22		
	15 x 15	2808-1502	644.16	2908-1502	743.04		
	18.7 x 18.7	2808-1872	990.40	2908-1872	1122.45		
	21 x 21	2808-2102	1639.46	2908-2102	2672.10		
	24 x 24	2808-2402	3524.80	2908-2402	4214.72		
	27 x 27	2808-2702	4904.74	2908-2702	7048.74		
	30 x 30			6408-3002	7360.40		

Non-stocked fittings are non-cancellable and non-returnable



PIP-Gasketed

		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
 Tee G x G x SW  G x Sp x SW available for the same price Change last 2 digits of part # to 31	6 x 2			2901-528221	73.28	3001-528221	96.53
	6 x 3			2901-530221	80.32	3001-530221	102.18
	6 x 4			2901-532221	83.84	3001-532221	105.70
	6 x 6			2901-060221	90.88	3001-060221	146.66
	8 x 2			2901-578221	102.18	3001-578221	150.18
	8 x 3			2901-580221	109.22	3001-580221	153.70
	8 x 4	2801-582221	108.80	2901-582221	124.05	3001-582221	163.52
	8 x 6	2801-585221	116.26	2901-585221	131.09	3001-585221	170.56
	8 x 8	2801-080221	131.09	2901-080221	145.92	3001-080221	208.64
	10 x 2	2801-621221	145.92	2901-621221	167.78	3001-621221	215.68
	10 x 3	2801-623221	160.00	2901-623221	174.82	3001-623221	229.12
	10 x 4	2801-624221	167.78	2901-624221	181.86	3001-624221	237.54
	10 x 6	2801-626221	174.82	2901-626221	196.69	3001-626221	248.85
	10 x 8	2801-628221	181.86	2901-628221	200.21	3001-628221	258.66
	10 x 10	2801-100221	189.65	2901-100221	218.45	3001-100221	303.78
	12 x 2	2801-661221	200.21	2901-661221	203.73	3001-661221	281.17
	12 x 3	2801-663221	207.25	2901-663221	210.77	3001-663221	286.18
	12 x 4	2801-664221	210.77	2901-664221	218.45	3001-664221	297.38
	12 x 6	2801-666221	218.45	2901-666221	236.80	3001-666221	332.69
	12 x 8	2801-668221	225.60	2901-668221	254.40	3001-668221	349.65
	12 x 10	2801-670221	232.64	2901-670221	272.74	3001-670221	370.77
	12 x 12	2801-120221	254.40	2901-120221	291.09	3001-120221	440.53
	15 x 2	2801-721221	245.97	2901-721221	309.44	3001-721221	460.26
	15 x 3	2801-723221	250.24	2901-723221	327.04	3001-723221	479.25
	15 x 4	2801-724221	254.40	2901-724221	345.38	3001-724221	499.73
	15 x 6	2801-726221	272.74	2901-726221	363.73	3001-726221	517.33
	15 x 8	2801-728221	291.09	2901-728221	381.97	3001-728221	541.33
	15 x 10	2801-730221	327.04	2901-730221	379.94	3001-730221	573.76
	15 x 12	2801-732221	345.38	2901-732221	454.61	3001-732221	608.21
	15 x 15	2801-150221	417.92	2901-150221	508.90	3001-150221	784.42
	18.7 x 2	2801-370221	363.73	2901-370221	417.92	3001-370221	700.58
	18.7 x 3	2801-371221	370.77	2901-371221	436.26	3001-371221	715.41
	18.7 x 4	2801-372221	381.97	2901-372221	454.61	3001-372221	720.32
	18.7 x 6	2801-374221	400.32	2901-374221	545.49	3001-374221	742.93
	18.7 x 8	2801-375221	417.92	2901-375221	618.13	3001-375221	881.70
	18.7 x 10	2801-376221	454.61	2901-376221	690.77	3001-376221	1056.53
	18.7 x 12	2801-377221	506.02	2901-377221	763.30	3001-377221	1120.00
	18.7 x 15	2801-379221	528.64	2901-379221	800.00	3001-379221	1187.62
	18.7 x 18.7	2801-187221	635.09	2901-187221	835.94	3001-187221	1480.10
	21 x 2	2801-841221	545.49	2901-841221	672.42	3001-841221	1153.81
	21 x 3	2801-843221	552.53	2901-843221	679.46	3001-843221	1201.70
	21 x 4	2801-844221	563.20	2901-844221	690.77	3001-844221	1285.54
	21 x 6	2801-846221	568.74	2901-846221	726.72	3001-846221	1315.84
	21 x 8	2801-848221	599.14	2901-848221	817.60	3001-848221	1367.36
	21 x 10	2801-850221	617.38	2901-850221	999.46	3001-850221	1456.85
	21 x 12	2801-852221	678.08	2901-852221	1090.34	3001-852221	1557.65
	21 x 15	2801-855221	875.41	2901-855221	1162.98	3001-855221	1728.85
	21 x 18.7	2801-859221	830.29	2901-859221	1235.52	3001-859221	1957.22
	21 x 21	2801-210221	947.30	2901-210221	1453.33	3001-210221	2345.60
	24 x 6	2801-906221	1453.33	2901-906221	1948.05	3001-906221	2435.09
	24 x 8	2801-908221	1525.97	2901-908221	2055.89	3001-908221	2569.70
	24 x 10	2801-910221	1599.25	2901-910221	2158.18	3001-910221	2698.02
	24 x 12	2801-912221	1671.78	2901-912221	2237.12	3001-912221	2795.94
	24 x 15	2801-915221	1744.42	2901-915221	2389.33	3001-915221	2986.24
	24 x 18.7	2801-919221	1816.96	2901-919221	2528.10	3001-919221	3160.42
	24 x 21	2801-921221	1998.82	2901-921221	2657.17	3001-921221	3321.81
	24 x 24	2801-240221	2216.64	2901-240221	2758.61	3001-240221	3447.89
	27 x 6	2801-936221	2144.00	2901-936221	2435.09	3001-936221	3044.05
	27 x 8	2801-938221	2252.58	2901-938221	2569.70	3001-938221	3212.48
	27 x 10	2801-940221	2361.81	2901-940221	2698.02	3001-940221	3371.84
	27 x 12	2801-941221	2452.69	2901-941221	2795.94	3001-941221	3495.14
	27 x 15	2801-943221	2634.56	2901-943221	2986.24	3001-943221	3732.69
	27 x 18	2801-949221	2779.73	2901-949221	3160.42	3001-949221	3950.40
	27 x 21	2801-947221	2906.66	2901-947221	3321.81	3001-947221	4152.00
	27 x 24	2801-948221	3051.84	2901-948221	3447.89	3001-948221	4269.01
	27 x 27	2801-270221	3633.28	2901-270221	4137.28	3001-270221	5086.61
30" is CIOD	30 x 6			6401-960221P	4086.10		
	30 x 8			6401-961221P	4104.40		
	30 x 10			6401-962221P	4144.19		
	30 x 12			6401-963221P	4194.37		
	30 x 15			6401-965221P	4278.72		
	30 x 18			6401-922221P	4355.95		
	30 x 21			6401-969221P	4435.90		
	30 x 24			6401-970221P	5749.20		
4" and smaller outlets are IPS	30 x 27			6401-971221P	5895.65		
	30 x 30			6401-300221	6120.85		

Non-stocked fittings are non-cancellable and non-returnable



PIP-Gasketed

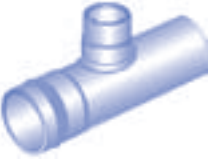
PIP 80, 100, 125
Gasketed

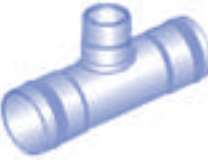
		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
 Tee G x G x G	4 x 4					3001-0402	83.52
	6 x 4			2901-5322	100.26	3001-5322	108.80
	6 x 6			2901-0602	107.09	3001-0602	116.26
	8 x 4			2901-5822	121.60	3001-5822	131.09
	8 x 6			2901-5852	128.53	3001-5852	152.96
	8 x 8			2901-0802	143.04	3001-0802	174.82
	10 x 4	2801-6242	171.20	2901-6242	178.34	3001-6242	189.65
	10 x 6	2801-6262	174.61	2901-6262	185.92	3001-6262	210.77
	10 x 8	2801-6282	192.53	2901-6282	199.78	3001-6282	229.12
	10 x 10	2801-1002	196.05	2901-1002	217.70	3001-1002	262.18
	12 x 4	2801-6642	199.46	2901-6642	224.64	3001-6642	254.40
	12 x 6	2801-6662	205.01	2901-6662	232.21	3001-6662	272.74
	12 x 8	2801-6682	237.44	2901-6682	259.14	3001-6682	291.09
	12 x 10	2801-6702	244.26	2901-6702	264.00	3001-6702	327.04
	12 x 12	2801-1202	270.50	2901-1202	295.78	3001-1202	363.73
	15 x 4	2801-7242	320.21	2901-7242	338.66	3001-7242	445.76
	15 x 6	2801-7262	324.37	2901-7262	392.64	3001-7262	474.13
	15 x 8	2801-7282	341.65	2901-7282	399.46	3001-7282	492.16
	15 x 10	2801-7302	367.78	2901-7302	409.92	3001-7302	517.01
	15 x 12	2801-7322	392.00	2901-7322	445.76	3001-7322	552.21
 G x Sp x G available for the same price add 32 to the end of the part #	15 x 15	2801-1502	432.00	2901-1502	534.93	3001-1502	641.38
	18.7 x 4	2801-3722	415.46	2901-3722	463.78	3001-3722	570.24
	18.7 x 6	2801-3742	445.12	2901-3742	498.98	3001-3742	624.10
	18.7 x 8	2801-3752	454.82	2901-3752	563.30	3001-3752	677.33
	18.7 x 10	2801-3762	505.81	2901-3762	588.16	3001-3762	730.56
	18.7 x 12	2801-3772	548.69	2901-3772	624.10	3001-3772	766.50
	18.7 x 15	2801-3792	573.54	2901-3792	659.41	3001-3792	819.73
	18.7 x 18.7	2801-1872	688.74	2901-1872	801.70	3001-1872	1033.28
	21 x 4	2801-8442	644.58	2901-8442	784.42	3001-8442	944.10
	21 x 6	2801-8462	651.52	2901-8462	801.70	3001-8462	962.13
	21 x 8	2801-8482	685.97	2901-8482	844.58	3001-8482	1008.42
	21 x 10	2801-8502	707.41	2901-8502	855.68	3001-8502	1040.85
	21 x 12	2801-8522	776.42	2901-8522	908.90	3001-8522	1140.48
	21 x 15	2801-8552	840.64	2901-8552	944.10	3001-8552	1229.54
	21 x 18.7	2801-8592	951.04	2901-8592	1140.48	3001-8592	1389.97
	21 x 21	2801-2102	1084.16	2901-2102	1336.00	3001-2102	1631.89
	24 x 6	2801-9062	1731.73	2901-9062	1962.24	3001-9062	2452.69
	24 x 8	2801-9082	1822.61	2901-9082	2034.77	3001-9082	2579.62
	24 x 10	2801-9102	1915.62	2901-9102	2071.46	3001-9102	2724.80
	24 x 12	2801-9122	2019.30	2901-9122	2125.76	3001-9122	2870.72
30" is CIOD 4" and smaller outlets are IPS	24 x 15	2801-9152	2125.01	2901-9152	2216.64	3001-9152	3015.89
	24 x 18.7	2801-9192	2234.98	2901-9192	2325.12	3001-9192	3161.06
	24 x 21	2801-9212	2353.38	2901-9212	2471.04	3001-9212	3342.93
	24 x 24	2801-2402	2476.69	2901-2402	2579.62	3001-2402	3517.01
	27 x 6	2801-9362	2164.48	2901-9362	2452.69	3001-9362	3088.42
	27 x 8	2801-9382	2277.97	2901-9382	2579.62	3001-9382	3233.70
	27 x 10	2801-9402	2394.98	2901-9402	2724.80	3001-9402	3378.88
	27 x 12	2801-9412	2524.58	2901-9412	2870.72	3001-9412	3542.40
	27 x 15	2801-9432	2657.17	2901-9432	3015.89	3001-9432	3669.97
	27 x 18	2801-9492	2794.56	2901-9492	3179.41	3001-9492	3960.32
	27 x 21	2801-9472	2941.86	2901-9472	3342.93	3001-9472	4178.13
	27 x 24	2801-9482	3096.96	2901-9482	3488.10	3001-9482	4414.18
	27 x 27	2801-2702	3560.64	2901-2702	4087.14	3001-2702	5177.49
	30 x 6			6401-9602P	4085.75		
	30 x 8			6401-9612P	4099.28		
	30 x 10			6401-9622P	4219.34		
	30 x 12			6401-9632P	4227.39		
	30 x 15			6401-9652P	4299.90		
	30 x 18			6401-9222P	4365.75		
	30 x 21			6401-9692P	4445.38		
	30 x 24			6401-9702P	5758.90		
	30 x 27			6401-9712P	5995.60		
	30 x 30			6401-3002	6135.50		

Non-stocked fittings are non-cancellable and non-returnable



PIP-Gasketed

		PIP 80 PSI		PIP 100 PSI		PIP 125 PSI	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
	4 x 2					3301-420235	51.20
	4 x 3					3301-422235	68.48
	4 x 4					3301-040235	80.00
	6 x 2			2901-528235	60.80	3001-528235	73.28
	6 x 3			2901-530235M	78.82	3001-530235M	78.82
	6 x 4			2901-532235	82.24	3001-532235	95.14
	8 x 2			2901-578235	85.65	3001-578235	109.22
	8 x 3			2901-580235M	105.70	3001-580235M	105.70
	8 x 4			2901-582235	110.61	3001-582235	124.05
	10 x 2	2801-621235	117.01	2901-621235	128.53	3001-621235	145.92
	10 x 3	2801-623235	123.30	2901-623235	135.46	3001-623235	156.48
	10 x 4	2801-624235	126.18	2901-624235	141.01	3001-624235	171.30
	12 x 2	2801-661235	171.94	2901-661235	178.34	3001-661235	200.21
	12 x 3	2801-663235	178.34	2901-663235	192.85	3001-663235	218.45
	12 x 4	2801-664235	180.48	2901-664235	199.78	3001-664235	236.80
	15 x 2	2801-721235	229.12	2901-721235	249.49	3001-721235	303.89
	15 x 3	2801-723235	241.81	2901-723235	264.00	3001-723235	325.65
	15 x 4	2801-724235	262.18	2901-724235	285.44	3001-724235	355.09
	18.7 x 2	2801-370235	477.86	2901-370235	530.77	3001-370235	663.89
	18.7 x 3	2801-371235	498.98	2901-371235	548.37	3001-371235	685.76
	18.7 x 4	2801-372235	510.29	2901-372235	552.53	3001-372235	694.29
	21 x 2	2801-841235	760.53	2901-841235	800.00	3001-841235	1055.14
	21 x 3	2801-843235	766.08	2901-843235	828.90	3001-843235	1063.57
	21 x 4	2801-844235	787.30	2901-844235	835.94	3001-844235	1093.86
	24 x 2	2801-901235	1046.61	2901-901235	1162.98	3001-901235	1453.33
	24 x 3	2801-903235	1072.00	2901-903235	1191.14	3001-903235	1488.53
	24 x 4	2801-904235	1103.04	2901-904235	1226.45	3001-904235	1531.52
	27 x 2	2801-931235	1272.21	2901-931235	1453.33	3001-931235	1816.32
	27 x 3	2801-933235	1308.16	2901-933235	1489.92	3001-933235	1861.44
	27 x 4	2801-934235	1344.74	2901-934235	1525.97	3001-934235	1915.62
30" is CIOD Part numbers ending w/ "M" indicates molded	30 x 2			6401-955235P	4165.25		
	30 x 3			6401-957235P	4286.24		
	30 x 4			6401-959235P	4385.64		

	4 x 2					3301-420225	58.24
	4 x 3					3301-422225	72.96
	4 x 4					3301-040225	87.04
	6 x 2			2901-528225	64.32	3001-528225	76.80
	6 x 3			2901-530225	78.82	3001-530225	78.82
	6 x 4			2901-532225	85.65	3001-532225	100.80
	8 x 2			2901-578225	96.74	3001-578225	117.01
	8 x 3			2901-580225	105.70	3001-580225	105.70
	8 x 4			2901-582225	114.02	3001-582225	145.92
	10 x 2	2801-621225	127.57	2901-621225	139.62	3001-621225	169.81
	10 x 3	2801-623225	134.61	2901-623225	153.49	3001-623225	185.38
	10 x 4	2801-624225	145.92	2901-624225	164.48	3001-624225	196.69
	12 x 2	2801-661225	174.82	2901-661225	196.26	3001-661225	236.80
	12 x 3	2801-663225	181.86	2901-663225	206.61	3001-663225	249.49
	12 x 4	2801-664225	193.17	2901-664225	221.22	3001-664225	264.32
	15 x 2	2801-721225	262.18	2901-721225	285.44	3001-721225	348.80
	15 x 3	2801-723225	272.74	2901-723225	295.78	3001-723225	378.98
	15 x 4	2801-724225	291.09	2901-724225	310.29	3001-724225	398.61
	18.7 x 2	2801-370225	472.96	2901-370225	527.25	3001-370225	692.80
	18.7 x 3	2801-371225	490.56	2901-371225	537.81	3001-371225	704.10
	18.7 x 4	2801-372225	498.34	2901-372225	552.53	3001-372225	711.14
	21 x 2	2801-841225	734.40	2901-841225	835.94	3001-841225	1068.48
	21 x 3	2801-843225	744.96	2901-843225	847.14	3001-843225	1079.04
	21 x 4	2801-844225	763.30	2901-844225	879.57	3001-844225	1109.33
	24 x 2	2801-901225	1024.85	2901-901225	1199.57	3001-901225	1495.57
	24 x 3	2801-903225	1039.57	2901-903225	1213.65	3001-903225	1510.40
	24 x 4	2801-904225	1053.65	2901-904225	1228.48	3001-904225	1554.13
	27 x 2	2801-931225	1294.08	2901-931225	1475.20	3001-931225	1835.30
	27 x 3	2801-933225	1308.16	2901-933225	1489.92	3001-933225	1852.90
	27 x 4	2801-934225	1344.74	2901-934225	1508.26	3001-934225	1871.25
30" is CIOD Part numbers ending w/ "M" indicates molded	30 x 2			6401-955225P	4185.49		
	30 x 3			6401-957225P	4315.76		
	30 x 4			6401-959225P	4425.98		

*Non-stocked fittings are non-cancellable and non-returnable

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Surface/Gated - 22 PSI

Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
Butterfly Valve G x Sp 	6	2542-06023	218.82	End Plug Sp x Plug 	6	2548-0603	29.65
	8	2542-08023	241.12		8	2548-0803	36.58
	10	2542-10023	297.32		10	2548-1003	45.44
	12	2542-12023	356.58		12	2548-1203	58.13
End Cap G x Cap 	6	2547-0602	39.14	End Cap SW 	6	2547-0601	13.86
	8	2547-0802	51.20		8	2547-0801	18.98
	10	2547-1002	66.98		10	2547-1001	24.64
	12	2547-1202	89.70		12	2547-1201	35.41
Field Tee G x G x Sp 	6	2501-060223	115.62	Line Tee G x Sp x G 	6	2501-060232	115.62
	8	2501-080223	145.28		8	2501-080232	145.28
	10	2501-100223	180.58		10	2501-100232	180.58
	12	2501-120223	243.20		12	2501-120232	243.20
Starter Coupler G x Sp 	6	2590-06023	41.70	Starter Coupler G x Sp 	6	2591-06023	48.64
	8	2590-08023	53.01		8	2591-08023	63.14
	10	2590-10023	66.98		10	2591-10023	78.93
	12	2590-12023	81.49		12	2591-12023	96.00
	3 Foot Length				4 Foot Length		
Starter Coupler G x Sp 	6	2592-06023	56.21	Coupling B x Sp 	6	2524-06013	24.64
	8	2592-08023	72.64		8	2524-08013	30.29
	10	2592-10023	91.62		10	2524-10013	37.22
	12	2592-12023	111.14		12	2524-12013	41.06
	5 Foot Length						
Increaser G x Sp 	8 x 6	2532-58523	63.78	Reducer Sp x G 	8 x 6	2532-58532	63.78
	10 x 8	2532-62823	77.65		10 x 8	2532-62832	77.65
	12 x 10	2532-67023	94.08		12 x 10	2532-67032	94.08

Non-stocked fittings are non-cancellable and non-returnable



Surface/Gated - 22 PSI

Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
22 ½° Elbow Sp x G 	6	2512-06023	80.85	22 ½° Elbow G x G 	6	2512-0602	92.16
	8	2512-08023	96.64		8	2512-0802	109.86
	10	2512-10023	122.56		10	2512-1002	138.98
	12	2512-12023	157.22		12	2512-1202	178.77
45° Elbow Sp x G 	6	2514-06023	80.85	45° Elbow G x G 	6	2514-0602	92.16
	8	2514-08023	96.64		8	2514-0802	109.86
	10	2514-10023	122.56		10	2514-1002	138.98
	12	2514-12023	157.22		12	2514-1202	178.77
90° Elbow Sp x G 	6	2516-06023	89.70	90° Elbow G x G 	6	2516-0602	102.29
	8	2516-08023	114.34		8	2516-0802	130.13
	10	2516-10023	155.41		10	2516-1002	176.21
	12	2516-12023	198.93		12	2516-1202	226.13
22 ½° Elbow B x B 	6	2512-0601	25.08	45° Elbow B x B 	6	2512-0602	25.08
	8	2512-0801	35.66		8	2512-0802	35.66
	10	2512-1001	44.11		10	2512-1002	44.11
	12	2512-1201	72.27		12	2512-1202	72.27
90° Elbow B x B 	6	2514-0601	45.64	Coupler B x B 	6	2524-0601	12.58
	8	2514-0801	56.20		8	2524-0801	15.78
	10	2514-1001	89.76		10	2524-1001	21.44
	12	2514-1201	117.80		12	2524-1201	26.56
Adapter B x B Surf x PIP 	6	2519-0601p	12.58	Adapter B x B Surf x IPS 	6	2519-0601i	12.58
	8	2519-0801p	15.78		8	2519-0801i	15.78
	10	2519-1001p	21.44		10	2519-1001i	21.44
	12	2519-1201p	26.56		12	2519-1201i	26.56
Coupler B x G 	6	2524-06012	37.22	Adapter B x G PIP x Surf 	6	2519-06012p	37.22
	8	2524-08012	53.65		8	2519-08012p	53.65
	10	2524-10012	55.57		10	2519-10012p	55.57
	12	2524-12012	71.36		12	2519-12012p	71.36
Adapter B x G IPS x Surf 	6	2519-06012i	37.22				
	8	2519-08012i	53.65				
	10	2519-10012i	55.57				
	12	2519-12012i	71.36				

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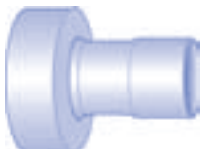
IPS Solvent Weld

		IPS Class 63		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
Coupler B x B 	6	3124-0601	12.48	3224-0601	15.14	3324-0601	17.06
	8	3124-0801	21.65	3224-0801	26.24	3324-0801	28.26
	10	3124-1001	25.60	3224-1001	43.30	3324-1001	51.84
	12	3124-1201	39.36	3224-1201	67.62	3324-1201	83.41
	*15	3124-1501	59.09				
* 15" 63 psi is a PIP size							
End Cap 	6	3147-0601	12.48	3247-0601	20.37	3347-0601	24.32
	8	3147-0801	22.93	3247-0801	25.06	3347-0801	31.46
	10	3147-1001	39.36	3247-1001	40.64	3347-1001	50.56
	12	3147-1201	48.21	3247-1201	71.14	3347-1201	97.17
	*15	3147-1501	63.89				
* 15" 63 psi is a PIP size							
IPS x Concrete Adapter B x Sp 	6 x 6	3119-06013K	29.44				
	8 x 8	3119-08013K	36.48				
	10 x 10	3119-10013K	47.68				
	12 x 12	3119-12013K	68.80				
	12 x 14	3119-67413K	72.32				
	12 x 16	3119-67613K	79.36				
	*15 x 14	3119-73413K	90.56				
	*15 x 15	3119-15013K	93.33				
	15 x 16	3119-73613K	123.52				
* 15" 63 psi is a PIP size							
PIP x IPS Coupler B x B 	6 x 6			2924-0601i	22.11	3024-0601i	28.08
	8 x 8			2924-0801i	31.78	3024-0801i	37.89
	10 x 10			2924-1001i	53.22	3024-1001i	65.25
	12 x 12			2924-1201i	82.91	3024-1201i	87.01
PIP x IPS Reducer B x B 	6 x 4			2932-5321i	23.14	3032-5321i	28.08
	6 x 5			2932-5331i	23.14	3032-5331i	33.70
	8 x 6			2932-5851i	35.25	3032-5851i	41.41
	10 x 8			2932-6281i	48.37	3032-6281i	52.64
	12 x 10			2932-6701i	69.81	3032-6701i	84.90
Butterfly Valve B x B Above Ground 22 psi 	6	2542-0601i	239.29	Butterfly Valve B x B Underground 22 psi 	6	2543-0601i	237.07
	8	2542-0801i	253.67		8	2543-0801i	252.85
	10	2542-1001i	300.08				
	12	2542-1201i	382.38				

IPS 63, 100, 125
Solvent Weld



IPS Solvent Weld

		IPS Class 63		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
Reducer B x B  Single Step  Double Step * 15" 63 PSI is a PIP size	6 x 4	3132-5321	17.06	3232-5321	18.98	3332-5321	21.65
	6 x 5	3132-5331	19.82	3232-5331	22.50	3332-5331	28.80
	8 x 4	3132-5821	34.67	3232-5821	45.18	3332-5821	50.66
	8 x 6	3132-5851	22.29	3232-5851	30.28	3332-5851	33.49
	10 x 6	3132-6261	63.10	3232-6261	76.42	3332-6261	83.09
	10 x 8	3132-6281	31.46	3232-6281	47.28	3332-6281	53.86
	12 x 8	3132-6681	74.50	3232-6681	101.63	3332-6681	128.32
	12 x 10	3132-6701	55.14	3232-6701	82.13	3332-6701	102.40
	* 15 x 12	3132-7321	103.78				
Fabricated Reducer B x B  Concentric (centered)  Eccentric (offset)	6 x 2			3232-5281	54.72	3332-5281	56.85
	6 x 3			3232-5301	59.62	3332-5301	60.37
	8 x 2			3232-5781	61.33	3332-5781	65.28
	8 x 3			3232-5801	61.44	3332-5801	70.93
	8 x 5			3232-5831	75.09	3332-5831	80.00
	10 x 2			3232-6211	85.65	3332-6211	94.72
	10 x 3			3232-6231	90.56	3332-6231	101.76
	10 x 4			3232-6241	91.09	3332-6241	115.84
	10 x 5			3232-6251	92.80	3332-6251	120.00
	12 x 2			3232-6611	108.26	3332-6611	137.60
	12 x 3			3232-6631	112.21	3332-6631	143.14
	12 x 4			3232-6641	115.84	3332-6641	148.80
	12 x 5			3232-6651	120.00	3332-6651	155.84
	12 x 6			3232-6661	127.04	3332-6661	159.36
Surface Reducer  * 15" 63 PSI is a PIP size	6 x Hole	3134-060	18.34				
	8 x Hole	3134-080	24.96				
	10 x Hole	3134-100	40.10				
	12 x Hole	3134-120	49.28				
	15 x Hole	3134-150	72.96				
IPS x Valve Adapter 	6 x 6			3119-0601V	24.56		
	8 x 8			3119-0801V	30.88		
	10 x 10			3119-1001V	49.81		
	12 x 12			3119-1201V	65.97		

Non-stocked fittings are non-cancellable and non-returnable



IPS Solvent Weld

		IPS Class 63		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
11 1/4° Elbow B x B  *15" 63 PSI is a PIP size	5					3310-0501	23.89
	6	3110-0601	17.06	3210-0601	22.29	3310-0601	26.88
	8	3110-0801	26.88	3210-0801	34.13	3310-0801	41.38
	10	3110-1001	38.08	3210-1001	54.50	3310-1001	75.52
	12	3110-1201	61.65	3210-1201	85.33	3310-1201	122.77
	*15	3110-1501	103.78				
15° Elbow B x B  *15" 63 PSI is a PIP size	5					3311-0501	23.89
	6	3111-0601	17.06	3211-0601	22.29	3311-0601	26.88
	8	3111-0801	26.88	3211-0801	34.13	3311-0801	41.38
	10	3111-1001	38.08	3211-1001	54.50	3311-1001	75.52
	12	3111-1201	61.65	3211-1201	85.33	3311-1201	122.77
	*15	3111-1501	103.78				
22 1/2° Elbow B x B  *15" 63 PSI is a PIP size	5					3312-0501	23.89
	6	3112-0601	17.06	3212-0601	22.29	3312-0601	26.88
	8	3112-0801	26.88	3212-0801	34.13	3312-0801	41.38
	10	3112-1001	38.08	3212-1001	54.50	3312-1001	75.52
	12	3112-1201	61.65	3212-1201	85.33	3312-1201	122.77
	*15	3112-1501	103.78				
30° Elbow B x B  *15" 63 PSI is a PIP size	5					3313-0501	27.41
	6	3113-0601	23.68	3213-0601	29.54	3313-0601	33.49
	8	3113-0801	34.77	3213-0801	49.28	3313-0801	51.84
	10	3113-1001	50.56	3213-1001	75.52	3313-1001	106.98
	12	3113-1201	82.13	3213-1201	110.29	3313-1201	156.90
	*15	3113-1501	122.77				
45° Elbow B x B  *15" 63 PSI is a PIP size	6	3114-0601	23.68	3214-0601	29.54	3314-0601	33.49
	8	3114-0801	34.77	3214-0801	49.28	3314-0801	51.84
	10	3114-1001	50.56	3214-1001	75.52	3314-1001	106.98
	12	3114-1201	82.13	3214-1201	110.29	3314-1201	156.90
	*15	3114-1501	122.77				
60° Elbow B x B  *15" 63 PSI is a PIP size	6	3115-0601	44.69	3215-0601	57.81	3315-0601	64.32
	8	3115-0801	61.01	3215-0801	88.64	3315-0801	105.70
	10	3115-1001	95.25	3215-1001	138.56	3315-1001	167.46
	12	3115-1201	135.89	3215-1201	193.06	3315-1201	256.10
	*15	3115-1501	254.08				
90° Elbow B x B  *15" 63 PSI is a PIP size	6	3116-0601	44.69	3216-0601	57.81	3316-0601	64.32
	8	3116-0801	61.01	3216-0801	88.64	3316-0801	105.70
	10	3116-1001	95.25	3216-1001	138.56	3316-1001	167.46
	12	3116-1201	135.89	3216-1201	193.06	3316-1201	256.10
	*15	3116-1501	254.08				

Other elbows from 1 to 90 degrees are available - call for pricing - non-standard elbows are non-cancellable and non-returnable

Non-stocked fittings are non-cancellable and non-returnable

IPS 63, 100, 125
Solvent Weld



IPS 63, 100, 125
Solvent Weld

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IPS Solvent Weld

		IPS Class 63		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price	Part No.	List Price
Short Saddle  *15" 63 PSI is a PIP size	6 x 2	3138-5281	15.14				
	6 x 3	3138-5301	16.65				
	6 x 4	3138-5321	18.77				
	8 x 2	3138-5781	15.14				
	8 x 3	3138-5801	16.65				
	8 x 4	3138-5821	18.77				
	8 x 6	3138-5851	19.47				
	10 x 2	3138-6211	15.14				
	10 x 3	3138-6231	16.65				
	10 x 4	3138-6241	18.77				
	10 x 6	3138-6261	19.47				
	10 x 8	3138-6281	28.86				
	12 x 2	3138-6611	15.14				
	12 x 3	3138-6631	16.65				
	12 x 4	3138-6641	18.77				
	12 x 6	3138-6661	19.47				
	12 x 8	3138-6681	28.86				
	12 x 10	3138-6701	44.81				
	*15 x 12	3138-7321	66.99				
Stub Saddle  *15" 63 PSI is a PIP size	6 x 2	3139-5281	20.88			3339-5281	38.25
	6 x 3	3139-5301	24.52			3339-5301	41.89
	6 x 4	3139-5321	28.16			3339-5321	46.93
	8 x 2	3139-5781	20.88			3339-5781	38.25
	8 x 3	3139-5801	24.52			3339-5801	41.89
	8 x 4	3139-5821	28.16			3339-5821	46.93
	8 x 6	3139-5851	31.79			3339-5851	57.02
	10 x 2	3139-6211	20.88			3339-6211	38.25
	10 x 3	3139-6231	24.52			3339-6231	41.89
	10 x 4	3139-6241	28.16			3339-6241	46.93
	10 x 6	3139-6261	31.79			3339-6261	57.02
	10 x 8	3139-6281	43.30			3339-6281	65.70
	12 x 2	3139-6611	20.88			3339-6611	38.25
	12 x 3	3139-6631	24.52			3339-6631	41.89
	12 x 4	3139-6641	28.16			3339-6641	46.93
	12 x 6	3139-6661	31.79			3339-6661	57.02
	12 x 8	3139-6681	43.30			3339-6681	65.70
	12 x 10	3139-6701	59.95			3339-6701	69.34
	*15 x 12	3139-7321	75.09				
Cross Tee B x B x B x B  *15" 63 PSI is a PIP size	5 x 5					3308-0501	54.72
	6 x 2	3108-5281	37.44	3208-5281	40.74	3308-5281	54.50
	6 x 3	3108-5301	42.66	3208-5301	51.20	3308-5301	68.26
	6 x 4	3108-5321	45.97	3208-5321	57.81	3308-5321	78.08
	6 x 5			3208-5331	67.41	3308-5331	87.04
	6 x 6	3108-0601	54.50	3208-0601	94.50	3308-0601	106.98
	8 x 2	3108-5781	47.89	3208-5781	61.01	3308-5781	68.26
	8 x 3	3108-5801	51.20	3208-5801	68.26	3308-5801	74.88
	8 x 4	3108-5821	58.45	3208-5821	78.08	3308-5821	89.92
	8 x 5			3208-5831	94.72	3308-5831	103.89
	8 x 6	3108-5851	64.32	3208-5851	95.25	3308-5851	112.96
	8 x 8	3108-0801	70.93	3208-0801	122.77	3308-0801	149.01
	10 x 2	3108-6211	58.45	3208-6211	84.69	3308-6211	100.48
	10 x 3	3108-6231	64.32	3208-6231	95.89	3308-6231	120.85
	10 x 4	3108-6241	70.93	3208-6241	106.98	3308-6241	136.53
	10 x 5			3208-6251	115.84	3308-6251	152.96
	10 x 6	3108-6261	78.82	3208-6261	118.82	3308-6261	158.93
	10 x 8	3108-6281	89.92	3208-6281	145.81	3308-6281	197.65
	10 x 10	3108-1001	114.88	3208-1001	183.14	3308-1001	257.38
	12 x 2	3108-6611	83.41	3208-6611	111.57	3308-6611	162.88
	12 x 3	3108-6631	91.30	3208-6631	128.74	3308-6631	169.38
	12 x 4	3108-6641	97.17	3208-6641	153.92	3308-6641	189.76
	12 x 5			3208-6651	156.48	3308-6651	207.04
	12 x 6	3108-6661	102.40	3208-6661	160.21	3308-6661	218.02
	12 x 8	3108-6681	118.18	3208-6681	187.09	3308-6681	256.10
	12 x 10	3108-6701	141.12	3208-6701	232.42	3308-6701	325.01
	12 x 12	3108-1201	179.30	3208-1201	282.34	3308-1201	415.68
	*15 x 4	3108-7241	162.88				
	*15 x 6	3108-7261	186.45				
	*15 x 8	3108-7281	203.52				
	*15 x 10	3108-7301	220.58				
	*15 x 12	3108-7321	244.26				
	*15 x 15	3108-1501	304.64				

Non-stocked fittings are non-cancellable and non-returnable



IPS Solvent Weld

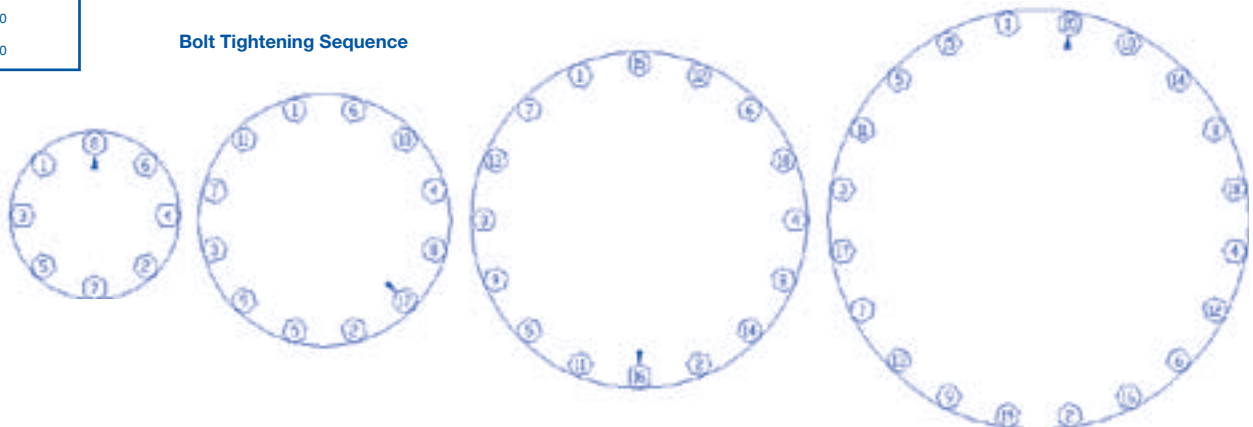
Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
Wye - B x B x B Non-pressure rated  125# Material reducing wyes are available	6	3357-0601	99.62	Male Threaded Adapter H x MIPT  Non-pressure Sch 40 material	6	0419-06016M	26.81
	8	3357-0801	119.68		8	0419-08016M	91.38
	10	3357-1001	159.81		10	0419-10016	102.88
	12	3357-1201	199.94		12	0419-12016	151.83

Van Stone Style Flange Flange x Spigot 150 Series  100 psi	6	0853-06042	58.82	Female Threaded Adapter H x FIPT  Non-pressure Sch 40 material	6	0419-06015M	39.62
	8	0853-08042	95.98		8	0419-08015M	74.70
	10	0853-10042	150.94		10	0419-10015	126.29
	12	0853-12042	162.54		12	0419-12015	177.38
	14	0853-14042	790.38				
	16	0853-16042	1041.55				
	18	0853-18042	1086.94				
	20	0853-20042	1365.08				
	24	0853-24042	1942.61				

Van Stone Style Flange Flange x Socket 150 Series  100 psi	6	0853-06041	58.82	Van Stone Style Flange Flange x Gasket 150 Series  100 psi	6	0853-06042	85.72
	8	0853-08041	95.98		8	0853-08042	132.34
	10	0853-10041	150.94		10	0853-10042	213.37
	12	0853-12041	162.54		12	0853-12042	249.37
	14	0853-14041	790.38		14	0853-14042	987.50
	16	0853-16041	1041.55		16	0853-16042	1301.25
	18	0853-18041	1086.94				
	20	0853-20041	1365.08				
	24	0853-24041	1942.61				

Van Stone Flanges		Van Stone Flanges	
SIZE	# OF BOLT HOLES	6" - 12" Flange Rings are FRP*	
6"	8	14" - 24" Flange Rings are Steel 1/2" thick	
8"	8		
10"	12		
12"	12		
14"	12		
16"	16	* FRP - Injection Molded Fiberglassed Reinforced Plastic Flange Rings	
18"	16		
20"	20		
24"	20		

Bolt Tightening Sequence



Non-stocked fittings are non-cancellable and non-returnable



IPS Solvent Weld

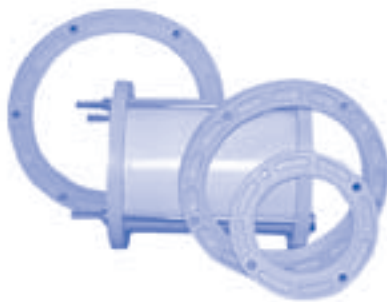
		IPS / Sch 40	
Item	Size	Part No.	List Price
Bolted Repair Coupler 12" length  zinc plated bolts 130 psi	4	3328-040	75.00
	6	3328-060	127.65
	8	3328-080	174.92
	10	3328-100	215.93
	12	3328-120	239.54

Bolted Repair Coupler 18" length  zinc plated bolts 130 psi	4	3329-040	80.96
	6	3329-060	145.39
	8	3329-080	184.95
	10	3329-100	224.57
	12	3329-120	256.34

Bolted Repair Couplers - PVC body with FRP* Flange Rings
 * FRP - Injection Molded Fiberglass Reinforced Plastic Flange Rings

Item	Size	Part No.	List Price
Bolted Repair Coupler Stainless Steel Bolt Packs 12" Length  4", 6", & 8" / 4 bolts per pack 10" / 5 bolts per pack 12" / 6 bolts per pack ALL THREAD	4, 6, & 8	65300114-	101.38
	10	65300115-	126.72
	12	65300116-	152.06
		all bolt packs include nuts and washers	

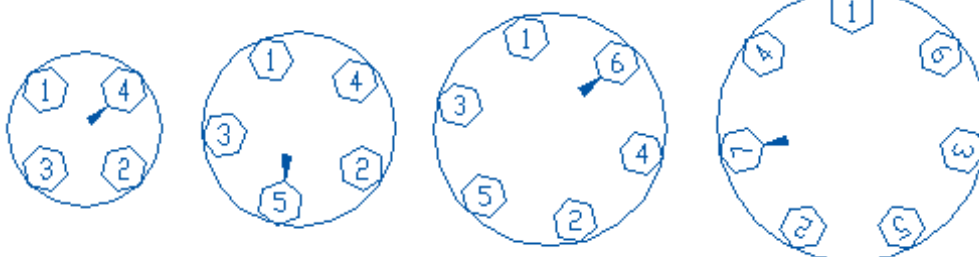
Bolted Repair Coupler Stainless Steel Bolt Packs 18" Length  4", 6", & 8" / 4 bolts per pack 10" / 5 bolts per pack 12" / 6 bolts per pack ALL THREAD	4, 6, & 8	65300118-	131.30
	10	65300119-	164.12
	12	65300120-	196.94
		all bolt packs include nuts and washers	



NACO Industries Bolted Compression Couplers with Injection Molded Fiberglass Reinforced PVC Flange Ends.

Exceptional Corrosion Resistance -
 Add our new *injection molded fiberglass reinforced PVC flanges* to our **PVC body** with Buna-S gaskets, and you have a superior product that **will not pit, rust, or scale** which is so common to metal compression couplers.

Bolt Tightening Sequence



4" - 4 bolts
 6" - 4 bolts
 8" - 4 bolts
 10" - 5 bolts
 12" - 6 bolts

IPS 63, 100, 125
 Solvent Weld

Swing Check Foot Valves & Swing Check Valves

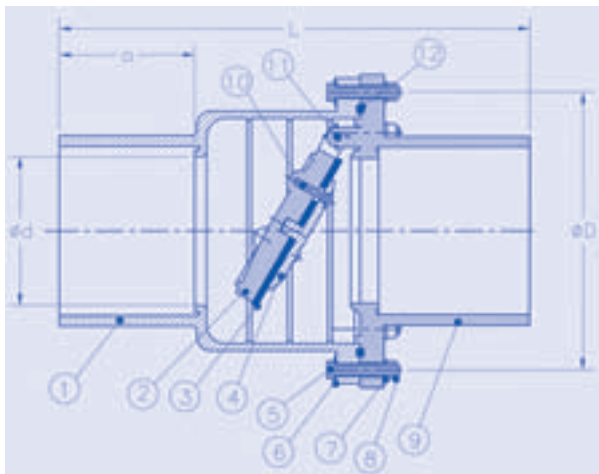
- All Valves Pressure & Leak Tested
- 0-150 P.S.I.
- Heavy Duty Injection Molded Gray PVC Material
- Stainless Steel Assembly Bolts & Flap Pin
- EPDM Gaskets for Positive Seal
- Reinforced Basket Strainer on Foot Valves
- Vertical or Horizontal Mount
- Standard Connection is IPS Solvent Weld
- Optional Connections on Foot Valves include: Flanged



Swing Check Valve

Swing Check Valve / Solvent Weld

2	0844-0201	25.12
3	0844-0301	46.37
4	0844-0401	110.88
6	0844-0601	380.73



Swing Check Foot Valve / Parts List

No.	Parts Name	Pcs.	Materials
1	End Connector	1	PVC
2	Disk	1	ABS
3	Gasket	1	EPDM
4	Gasket Holder	1	ABS
5	Bolt	8	Stainless Steel
6	Flat Washer	8	Stainless Steel
7	Lock Washer	8	Stainless Steel
8	Nut	8	Stainless Steel
9	Valve Body	1	PVC
10	Screw	3	Stainless Steel
11	Pin	1	Stainless Steel
12	O-ring	1	EPDM



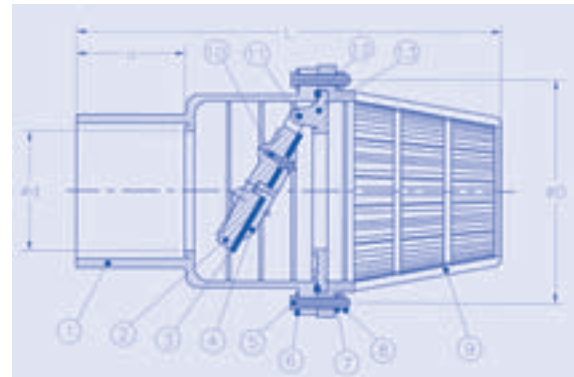
Swing Check Foot Valve

Swing Check Foot Valve / Solvent Weld

2	0841-0201 (Spring)	28.95
3	0841-0301	53.45
4	0841-0401	145.74
6	0841-0601	289.38

Swing Check Foot Valve / Flanged

3	0841-0304	83.84
4	0841-0404	226.17
6	0841-0604	359.31
8	0841-0804	453.41



Swing Check Foot Valve / Parts List

No.	Parts Name	Pcs.	Materials
1	End Connector	1	PVC
2	Disk	1	ABS
3	Gasket	1	EPDM
4	Gasket Holder	1	ABS
5	Bolt	8	Stainless Steel
6	Flat Washer	8	Stainless Steel
7	Lock Washer	8	Stainless Steel
8	Nut	8	Stainless Steel
9	Basket Filter	1	PVC
10	Screw	3	Stainless Steel
11	Pin	1	Stainless Steel
12	O-ring	1	EPDM
13	Disk Holder	1	ABS

PVC Utility Ball Valves

- All Valves Pressure & Leak Tested
- 0-150 P.S.I. Pressure Rating
- Rigid body formed in one-piece injection
- EPDM Seats and O-Ring
- Heavy Duty Injection Molded PVC Body, Ball and Handle
- IPS Solvent Weld or Threaded NPT Connections



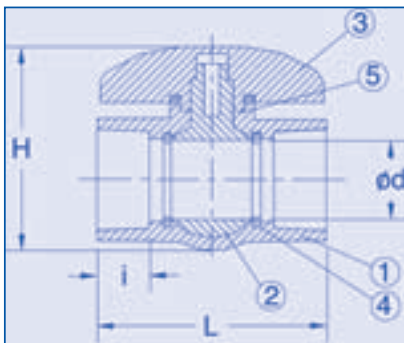
Utility Ball Valves / Solvent Weld

Size	Part #	End Connection	List Price
1/2"	0850-0051	Solvent Weld	\$3.84
3/4"	0850-0071	Solvent Weld	\$4.98
1"	0850-0101	Solvent Weld	\$6.72
1 1/4"	0850-0121	Solvent Weld	\$9.60
1 1/2"	0850-0151	Solvent Weld	\$15.18
2"	0850-0201	Solvent Weld	\$18.30
3"	0850-0301	Solvent Weld	\$40.00

Utility Ball Valves / Threaded NPT

Size	Part #	End Connection	List Price
1/2"	0850-0055	Threaded	\$3.84
3/4"	0850-0075	Threaded	\$4.98
1"	0850-0105	Threaded	\$6.72
1 1/4"	0850-0125	Threaded	\$9.60
1 1/2"	0850-0155	Threaded	\$15.18
2"	0850-0205	Threaded	\$18.30

IPS 63, 100, 125
Solvent Weld



No.	Parts Name	Pcs.	Materials
1	Body	1	PVC
2	Ball	1	PVC
3	Handle	1	PVC
4	Seat	2	NBR EPDM
5	O-Ring	1	NBR EPDM

Spec.	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"
d	0.60	0.79	0.99	1.20	1.38	1.78	2.77
H	2.40	2.79	3.35	4.14	4.44	4.96	7.50
L	2.98	3.42	4.10	4.54	5.07	5.46	8.52
i	0.85	0.96	1.17	1.14	1.28	1.25	2.08

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IPS Gasketed

		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price
Adapter G x Sp 	6	3219-06023	36.16	3319-06023	39.36
	8	3219-08023	58.45	3319-08023	70.93
	10	3219-10023	77.44	3319-10023	94.50
	12	3219-12023	106.98	3319-12023	128.74
Coupler with Center Stop G x G 	6	3224-0602	54.50	3324-0602	61.01
	8	3224-0802	81.38	3324-0802	88.64
	10	3224-1002	115.52	3324-1002	128.74
	12	3224-1202	152.32	3324-1202	176.64
Repair Coupler without Center Stop G x G 	6	3225-0602	54.72	3325-0602	57.81
	8	3225-0802	65.81	3325-0802	83.18
	10	3225-1002	102.18	3325-1002	131.94
	12	3225-1202	126.18	3325-1202	179.67
End Plug Spigot x Plug 	6			3348-0603	31.62
	8			3348-0803	40.90
	10			3348-1003	65.73
	12			3348-1203	126.32
PIP x IPS Coupler G x G 	6			3024-0602i	68.05
	8			3024-0802i	93.33
	10			3024-1002i	136.10
	12			3024-1202i	226.66
End Cap G x Cap 	6			3347-0602	63.04
	8			3347-0802	106.98
	10			3347-1002	172.69
	12			3347-1202	260.69

All gasketed IPS fittings are non-stocked and non-returnable

IPS Gasketed

		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price
Reducer G x G  Single Step  Double Step	6 x 4	3232-5322	68.26	3332-5322	74.88
	8 x 4	3232-5822	117.36	3332-5822	127.04
	8 x 6	3232-5852	98.45	3332-5852	108.37
	10 x 6	3232-6262	159.07	3332-6262	199.36
	10 x 8	3232-6282	135.89	3332-6282	169.38
	12 x 8	3232-6682	236.19	3332-6682	301.22
	12 x 10	3232-6702	188.48	3332-6702	213.44
Reducer G x Sp  Single Step  Double Step	6 x 4	3232-53223	54.50	3332-53223	64.32
	8 x 4	3232-58223	104.10	3332-58223	111.57
	8 x 6	3232-58523	78.08	3332-58523	95.25
	10 x 6	3232-62623	133.73	3332-62623	151.57
	10 x 8	3232-62823	108.37	3332-62823	128.74
	12 x 8	3232-66823	191.77	3332-66823	217.60
	12 x 10	3232-67023	153.60	3332-67023	185.17
Reducer Sp x G  Single Step  Double Step	6 x 4	3232-53232	51.20	3332-53232	57.81
	8 x 4	3232-58232	89.10	3332-58232	99.94
	8 x 6	3232-58532	68.26	3332-58532	81.38
	10 x 6	3232-62632	124.49	3332-62632	147.41
	10 x 8	3232-62832	101.76	3332-62832	125.44
	12 x 8	3232-66832	181.63	3332-66832	205.65
	12 x 10	3232-67032	152.32	3332-67032	174.72
Wye G x G x G  Drain only Reducing wyes available call for price	6 x 6			3357-0602	150.93
	8 x 8			3357-0802	229.44
	10 x 10			3357-1002	364.26
	12 x 12			3357-1202	527.04

All gasketed IPS fittings are non-stocked and non-returnable

IPS Gasketed

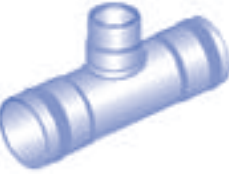
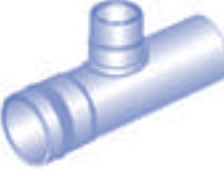
		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price
11 ¼° Elbow G x G 	4			3310-0402	68.26
	6	3210-0602	76.16	3310-0602	95.25
	8	3210-0802	93.22	3310-0802	142.50
	10	3210-1002	159.57	3310-1002	189.76
	12	3210-1202	213.44	3310-1202	257.38
15° Elbow G x G 	4			3311-0402	68.26
	6	3211-0602	76.16	3311-0602	95.25
	8	3211-0802	93.22	3311-0802	142.50
	10	3211-1002	159.57	3311-1002	189.76
	12	3211-1202	213.44	3311-1202	257.38
22 ½° Elbow G x G 	4			3312-0402	68.26
	6	3212-0602	76.16	3312-0602	95.25
	8	3212-0802	93.22	3312-0802	142.50
	10	3212-1002	159.57	3312-1002	189.76
	12	3212-1202	213.44	3312-1202	257.38
30° Elbow G x G 	4			3313-0402	78.40
	6	3213-0602	101.76	3313-0602	108.37
	8	3213-0802	125.44	3313-0802	152.32
	10	3213-1002	176.64	3313-1002	223.89
	12	3213-1202	244.26	3313-1202	325.01
45° Elbow G x G 	4			3314-0402	78.40
	6	3214-0602	101.76	3314-0602	108.37
	8	3214-0802	125.44	3314-0802	152.32
	10	3214-1002	176.64	3314-1002	223.89
	12	3214-1202	244.26	3314-1202	325.01
60° Elbow G x G 	4			3315-0402	99.73
	6	3215-0602	116.90	3315-0602	134.61
	8	3215-0802	177.28	3315-0802	217.38
	10	3215-1002	258.02	3315-1002	342.08
	12	3215-1202	346.02	3315-1202	407.78
90° Elbow G x G 	4			3316-0402	99.73
	6	3216-0602	116.90	3316-0602	134.61
	8	3216-0802	177.28	3316-0802	217.38
	10	3216-1002	258.02	3316-1002	342.08
	12	3216-1202	346.02	3316-1202	407.78

G x Sp elbows available at the same price as G x G elbows, add the numeral 3 to the end of the original part number for G x Sp elbows

Other elbows from 1 to 90 degrees are available - call for pricing - non-standard elbows are non-cancellable and non-returnable

All gasketed IPS fittings are non-stocked and non-returnable

IPS Gasketed

		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price
Tee G x Sp x SW 	6 x 2	3201-528231	87.04	3301-528231	99.62
	6 x 3	3201-530231	98.24	3301-530231	112.32
	6 x 4	3201-532231	107.41	3301-532231	123.52
	6 x 5	3201-533231	112.32	3301-533231	127.04
	6 x 6	3201-060231	120.00	3301-060231	134.08
	8 x 2	3201-578231	108.80	3301-578231	137.60
	8 x 3	3201-580231	115.84	3301-580231	141.76
	8 x 4	3201-582231	123.52	3301-582231	145.28
	8 x 5	3201-583231	130.56	3301-583231	152.32
	8 x 6	3201-585231	137.60	3301-585231	162.77
	8 x 8	3201-080231	152.32	3301-080231	174.08
	10 x 2	3201-621231	167.04	3301-621231	188.80
	10 x 3	3201-623231	174.08	3301-623231	195.84
	10 x 4	3201-624231	181.01	3301-624231	209.81
	10 x 5	3201-625231	184.53	3301-625231	217.60
	10 x 6	3201-626231	192.32	3301-626231	228.05
	10 x 8	3201-628231	206.29	3301-628231	253.33
	10 x 10	3201-100231	221.01	3301-100231	289.81
	12 x 2	3201-661231	209.81	3301-661231	253.33
	12 x 3	3201-663231	224.53	3301-663231	261.01
	12 x 4	3201-664231	231.57	3301-664231	268.05
	12 x 5	3201-665231	235.84	3301-665231	271.57
	12 x 6	3201-666231	239.36	3301-666231	275.09
	12 x 8	3201-668231	246.29	3301-668231	289.81
	12 x 10	3201-670231	280.74	3301-670231	325.65
	12 x 12	3201-120231	308.05	3301-120231	398.61
Tee G x G x G 	4 x 4			3301-0402	107.62
	6 x 4	3201-5322	81.38	3301-5322	115.52
	6 x 6	3201-0602	91.94	3301-0602	122.13
	8 x 4	3201-5822	122.13	3301-5822	135.89
	8 x 6	3201-5852	125.44	3301-5852	153.60
	8 x 8	3201-0802	162.88	3301-0802	176.00
	10 x 4	3201-6242	181.86	3301-6242	225.81
	10 x 6	3201-6262	194.98	3301-6262	235.73
	10 x 8	3201-6282	212.05	3301-6282	274.45
	10 x 10	3201-1002	237.01	3301-1002	298.13
	12 x 4	3201-6642	232.42	3301-6642	274.45
	12 x 6	3201-6662	238.40	3301-6662	282.34
	12 x 8	3201-6682	250.77	3301-6682	338.77
	12 x 10	3201-6702	298.13	3301-6702	361.17
	12 x 12	3201-1202	329.60	3301-1202	431.36
Tee G x G x FIPT 	4 x 3			3301-422225	62.18
	4 x 4			3301-040225	74.13
	6 x 2	3201-528225	60.37	3301-528225	96.53
	6 x 3	3201-530225	66.34	3301-530225	103.25
	6 x 4	3201-532225	74.13	3301-532225	109.86
	8 x 2	3201-578225	92.69	3301-578225	120.53
	8 x 3	3201-580225	108.26	3301-580225	127.14
	8 x 4	3201-582225	117.22	3301-582225	137.81
	10 x 2	3201-621225	138.66	3301-621225	187.73
	10 x 3	3201-623225	146.45	3301-623225	197.76
	10 x 4	3201-624225	162.02	3301-624225	218.34
	12 x 2	3201-661225	185.28	3301-661225	254.29
	12 x 3	3201-663225	193.06	3301-663225	278.29
	12 x 4	3201-664225	200.85	3301-664225	290.98
Tee G x Sp x FIPT 	4 x 3			3301-422235	55.57
	4 x 4			3301-040235	68.16
	6 x 2	3201-528235	51.41	3301-528235	79.89
	6 x 3	3201-530235	58.56	3301-530235	91.20
	6 x 4	3201-532235	68.16	3301-532235	96.53
	8 x 2	3201-578235	77.12	3301-578235	99.84
	8 x 3	3201-580235	86.72	3301-580235	106.56
	8 x 4	3201-582235	95.68	3301-582235	113.92
	10 x 2	3201-621235	120.74	3301-621235	151.14
	10 x 3	3201-623235	129.70	3301-623235	163.09
	10 x 4	3201-624235	142.29	3301-624235	179.09
	12 x 2	3201-661235	160.85	3301-661235	206.40
	12 x 3	3201-663235	169.81	3301-663235	223.68
	12 x 4	3201-664235	185.28	3301-664235	240.32

All gasketed IPS fittings are non-stocked and non-returnable

IPS Gasketed

		IPS Class 100		IPS Class 125	
Item	Size	Part No.	List Price	Part No.	List Price
Tee G x Sp x G 	4 x 4			3301-040232	68.26
	6 x 4	3201-532232	81.38	3301-532232	98.45
	6 x 6	3201-060232	95.25	3301-060232	101.76
	8 x 4	3201-582232	102.72	3301-582232	112.32
	8 x 6	3201-585232	119.46	3301-585232	141.86
	8 x 8	3201-080232	131.62	3301-080232	169.38
	10 x 4	3201-624232	153.60	3301-624232	196.37
	10 x 6	3201-626232	169.38	3301-626232	213.44
	10 x 8	3201-628232	188.48	3301-628232	237.01
	10 x 10	3201-100232	223.25	3301-100232	271.14
	12 x 4	3201-664232	207.46	3301-664232	254.08
	12 x 6	3201-666232	221.33	3301-666232	257.38
	12 x 8	3201-668232	244.90	3301-668232	271.14
	12 x 10	3201-670232	279.04	3301-670232	304.64
	12 x 12	3201-120232	312.53	3301-120232	372.90
Tee G x G x SW 	6 x 2	3201-528221	87.04	3301-528221	99.62
	6 x 3	3201-530221	98.24	3301-530221	112.32
	6 x 4	3201-532221	107.41	3301-532221	123.52
	6 x 5	3201-533221	112.32	3301-533221	127.04
	6 x 6	3201-060221	120.00	3301-060221	134.08
	8 x 2	3201-578221	108.80	3301-578221	137.60
	8 x 3	3201-580221	115.84	3301-580221	141.76
	8 x 4	3201-582221	123.52	3301-582221	145.28
	8 x 5	3201-583221	130.56	3301-583221	152.32
	8 x 6	3201-585221	137.60	3301-585221	162.77
	8 x 8	3201-080221	152.32	3301-080221	174.08
	10 x 2	3201-621221	167.04	3301-621221	188.80
	10 x 3	3201-623221	174.08	3301-623221	195.84
	10 x 4	3201-624221	181.01	3301-624221	209.81
	10 x 5	3201-625221	184.53	3301-625221	217.60
	10 x 6	3201-626221	192.32	3301-626221	228.05
	10 x 8	3201-628221	206.29	3301-628221	253.33
	10 x 10	3201-100221	221.01	3301-100221	289.81
	12 x 2	3201-661221	209.81	3301-661221	253.33
	12 x 3	3201-663221	224.53	3301-663221	261.01
	12 x 4	3201-664221	231.57	3301-664221	268.05
	12 x 5	3201-665221	235.84	3301-665221	271.57
	12 x 6	3201-666221	239.36	3301-666221	275.09
	12 x 8	3201-668221	246.29	3301-668221	289.81
	12 x 10	3201-670221	280.74	3301-670221	325.65
	12 x 12	3201-120221	308.05	3301-120221	398.61
Cross Tee G x G x G x G 	6 x 4	3208-5322	118.24	3308-5322	152.17
	6 x 6	3208-0602	133.97	3308-0602	168.10
	8 x 4	3208-5822	147.66	3308-5822	183.42
	8 x 6	3208-5852	172.38	3308-5852	207.63
	8 x 8	3208-0802	219.30	3308-0802	250.77
	10 x 4	3208-6242	186.72	3308-6242	210.48
	10 x 6	3208-6262	227.36	3308-6262	256.73
	10 x 8	3208-6282	271.10	3308-6282	296.46
	10 x 10	3208-1002	329.60	3308-1002	436.05
	12 x 4	3208-6642	296.76	3308-6642	358.49
	12 x 6	3208-6662	322.64	3308-6662	410.76
	12 x 8	3208-6682	365.84	3308-6682	475.28
	12 x 10	3208-6702	401.35	3308-6702	536.49
	12 x 12	3208-1202	447.14	3308-1202	611.94

All gasketed IPS fittings are non-stocked and non-returnable

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PIP 100 FOOT HEAD - SOLVENT WELD

Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
Coupler B x B 	4	2624-0401	9.86	Adapter (PIP x Concrete) B x Sp 	6 x 6	2619-06013K	18.18
	6	2624-0601	12.20		8 x 8	2619-08013K	26.63
	8	2624-0801	13.73		10 x 10	2619-10013K	41.06
	10	2624-1001	19.01		12 x 12	2619-12013K	57.73
	12	2624-1201	25.81		12 x 14	2619-67413K	61.60
	15	2624-1501	45.64		12 x 16	2619-67613K	75.68
	18.3	2624-1831	81.31		15 x 14	2619-73413K	85.18
	20.4	2624-2041	100.32		15 x 15	2619-15013K	87.41
	20.4 x 21	2624-8621	108.16		15 x 16	2619-73613K	88.94
					18.3 x 18	2619-18413K	103.37
			20.4 x 20	2619-20413K	118.80		
Reducer B x B 	8 x 6	2632-5851	21.23	Adapter (PIP x IPS) B x B 	6 x 6	2624-0601i	19.01
	10 x 8	2632-6281	32.74		8 x 8	2624-0801i	28.16
	12 x 10	2632-6701	47.17		10 x 10	2624-1001i	44.11
	15 x 12	2632-7321	71.46		12 x 12	2624-1201i	62.30
	18.3 x 15	2632-1811	114.86				
	20.4 x 18.3	2632-4641	168.01				
Reducer (PIP x IPS) B x B 	6 x 4	2632-5321i	17.13	End Cap 	4	2647-0401	6.80
	8 x 6	2632-5851i	24.75		6	2647-0601	7.62
	10 x 8	2632-6281i	32.74		8	2647-0801	12.90
	12 x 10	2632-6701i	57.02		10	2647-1001	20.53
	15 x 12	2632-7321i	91.17		12	2647-1201	31.91
PIP x Valve Adapter* B x B  (for overflow valves & linegates)	6	2619-0601V	18.18		15	2647-1501	44.81
	8	2619-0801V	22.76		18.3	2647-1831	82.13
	10	2619-1001V	38.02	20.4	2647-2041	110.29	
	12	2619-1201V	57.02	11¼° Elbow B x B 	6	2610-0601	14.43
	15	2619-1501V	86.71		8	2610-0801	20.53
	18.3	2619-1801V	109.74		10	2610-1001	29.68
20.4	2619-2041V	116.29	12		2610-1201	41.06	
* 100 Ft Head Material			15		2610-1501	70.75	
			18.3		2610-1831	123.90	
Surface Reducer 	4 x hole	2634-0401	11.62	20.4	2610-2041	160.39	
	6 x hole	2634-0601	12.20	15° Elbow B x B 	6	2611-0601	14.43
	8 x hole	2634-0801	16.65		8	2611-0801	20.53
	10 x hole	2634-1001	33.44		10	2611-1001	29.68
	12 x hole	2634-1201	41.06		12	2611-1201	41.06
	15 x hole	2634-1501	57.73		15	2611-1501	70.75
	18.3 x hole	2634-1831	86.70		18.3	2611-1831	123.90
	20.4 x hole	2634-2041	114.862		20.4	2611-2041	160.39
22½° Elbow B x B 	6	2612-0601	14.43	45° Elbow B x B 	6	2614-0601	24.29
	8	2612-0801	20.53		8	2614-0801	35.66
	10	2612-1001	29.68		10	2614-1001	44.11
	12	2612-1201	41.06		12	2614-1201	72.27
	15	2612-1501	70.75		15	2614-1501	116.27
	18.3	2612-1831	123.90		18.3	2614-1831	206.03
	20.4	2612-2041	160.39	20.4	2614-2041	228.80	
30° Elbow B x B 	6	2613-0601	24.29	90° Elbow B x B 	6	2616-0601	45.64
	8	2613-0801	35.66		8	2616-0801	56.20
	10	2613-1001	44.11		10	2616-1001	89.76
	12	2613-1201	72.27		12	2616-1201	117.80
	15	2613-1501	116.27		15	2616-1501	192.30
	18.3	2613-1831	206.03		18.3	2616-1831	332.99
	20.4	2613-2041	228.80		20.4	2616-2041	448.56
60° Elbow B x B 	6	2615-0601	45.64				
	8	2615-0801	56.20				
	10	2615-1001	89.76				
	12	2615-1201	117.80				
	15	2615-1501	192.30				
	18.3	2615-1831	332.99				
	20.4	2615-2041	448.56				

Other elbows from 1 to 90 degrees are available - call for pricing - non-standard elbows are non-cancellable and non-returnable
Non-stocked fittings are non-cancellable and non-returnable

WEST COAST AVAILABILITY ONLY

PIP 100 Foot Head
Solvent Weld



PIP 100 FOOT HEAD - SOLVENT WELD

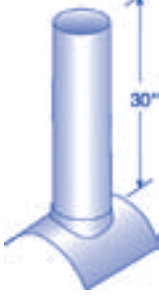
Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
Tee B x B x B 	6 x 4	2601-5321	25.81	Cross B x B x B x B 	6 x 4	2608-5321	41.77
	6 x 6	2601-0601	28.86		6 x 6	2608-0601	47.87
	8 x 4	2601-5821	36.49		8 x 4	2608-5821	57.02
	8 x 6	2601-5851	41.77		8 x 6	2608-5851	60.07
	8 x 8	2601-0801	52.45		8 x 8	2608-0801	65.35
	10 x 4	2601-6241	47.17		10 x 4	2608-6241	57.02
	10 x 6	2601-6261	49.39		10 x 6	2608-6261	63.82
	10 x 8	2601-6281	57.02		10 x 8	2608-6281	72.97
	10 x 10	2601-1001	66.88		10 x 10	2608-1001	88.94
	12 x 4	2601-6641	63.82		12 x 4	2608-6641	74.50
	12 x 6	2601-6661	66.88		12 x 6	2608-6661	80.61
	12 x 8	2601-6681	72.27		12 x 8	2608-6681	87.41
	12 x 10	2601-6701	79.08		12 x 10	2608-6701	105.71
	12 x 12	2601-1201	92.69		12 x 12	2608-1201	123.90
	15 x 4	2601-7241	102.66		15 x 4	2608-7241	113.22
	15 x 6	2601-7261	105.71		15 x 6	2608-7261	120.14
	15 x 8	2601-7281	117.80		15 x 8	2608-7281	129.29
	15 x 10	2601-7301	131.53		15 x 10	2608-7301	152.88
	15 x 12	2601-7321	153.58		15 x 12	2608-7321	183.98
	15 x 15	2601-1501	183.98		15 x 15	2608-1501	236.42
	18.3 x 4	2601-1731	189.26		18.3 x 4	2608-1731	209.09
	18.3 x 6	2601-1751	193.13		18.3 x 6	2608-1751	214.37
	18.3 x 8	2601-1761	196.17		18.3 x 8	2608-1761	220.46
	18.3 x 10	2601-1771	214.37		18.3 x 10	2608-1771	250.86
	18.3 x 12	2601-1781	236.42		18.3 x 12	2608-1781	266.93
	18.3 x 15	2601-1811	258.48		18.3 x 15	2608-1811	304.13
	18.3 x 18.3	2601-1831	320.08		18.3 x 18.3	2608-1831	379.34
	20.4 x 4	2601-4531	241.82		20.4 x 4	2608-4531	292.74
	20.4 x 6	2601-4561	249.33		20.4 x 6	2608-4561	299.55
	20.4 x 8	2601-4571	254.73		20.4 x 8	2608-4571	307.18
	20.4 x 10	2601-4581	282.06		20.4 x 10	2608-4581	329.23
	20.4 x 12	2601-4591	299.55		20.4 x 12	2608-4591	354.34
	20.4 x 15	2601-4621	321.61		20.4 x 15	2608-4621	371.01
	20.4 x 18.3	2601-4641	361.86		20.4 x 18.3	2608-4641	435.66
	20.4 x 20.4	2601-2041	396.11		20.4 x 20.4	2608-2041	499.49
4" and smaller outlets are IPS				4" and smaller outlets are IPS			

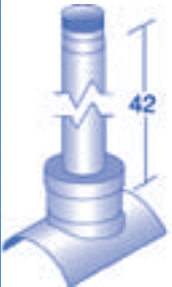
Non-stocked fittings are non-cancellable and non-returnable



PIP 100 FOOT HEAD - SOLVENT WELD

Item	Size	Part No.	List Price
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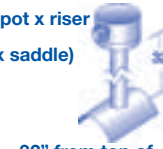
Orchard Riser 	6 x 4	2665-532	22.06
	6 x 6	2665-060	38.02
	8 x 4	2665-582	22.06
	8 x 6	2665-585	28.86
	8 x 8	2665-080	53.26
	10 x 4	2665-624	22.76
	10 x 6	2665-626	28.86
	10 x 8	2665-628	39.53
	10 x 10	2665-100	76.03
	12 x 4	2665-664	23.58
	12 x 6	2665-666	28.86
	12 x 8	2665-668	39.53
	12 x 10	2665-670	54.79
	12 x 12	2665-120	106.41
	15 x 4	2665-724	25.14
	15 x 6	2665-726	33.44
	15 x 8	2665-728	44.81
	15 x 10	2665-730	62.30
	15 x 12	2665-732	85.89
	15 x 15	2665-150	177.87
	18.3 x 4	2665-173	27.34
	18.3 x 6	2665-175	32.49
	18.3 x 8	2665-176	47.17
	18.3 x 10	2665-177	63.12
	18.3 x 12	2665-178	97.26
	18.3 x 15	2665-181	140.68
	18.3 x 18.3	2665-183	266.82
	20.4 x 4	2665-453	28.86
	20.4 x 6	2665-456	38.02
	20.4 x 8	2665-457	57.02
	20.4 x 10	2665-458	88.94
	20.4 x 12	2665-459	107.94
	20.4 x 15	2665-462	158.98
	20.4 x 18.3	2665-464	195.36

Mechanical Vent Riser 	6 x 4 x 2	2686-528	48.69
	8 x 6 x 2	2686-578	52.45
	8 x 6 x 3	2686-580	66.18
	10 x 8 x 2	2686-621	63.82
	10 x 8 x 3	2686-623	76.03
	10 x 8 x 4	2686-624	89.76
	12 x 10 x 2	2686-661	82.13
	12 x 10 x 3	2686-663	93.51
	12 x 10 x 4	2686-664	106.41
	15 x 12 x 4	2686-724	138.34
	18.3 x 15 x 4	2686-173	178.70
	20.4 x 18.3 x 4	2686-453	251.68

Mechanical Vent Assembly 	2 x Pipe Size	2687-020	41.77
	3 x Pipe Size	2687-030	64.65
	4 x Pipe Size	2687-040	89.76

Item	Size	Part No.	List Price
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Distributing Gate Repair Unit (gates not included) 	8 x 4	2682-582	53.26
	10 x 6	2682-626	71.46
	12 x 8	2682-668	102.66
	15 x 10	2682-730	141.38
	18.3 x 12	2682-178	256.26

Distributing Gate Riser (gates not included)  32" from top of saddle to bottom of pot	8 x 4 x Sad	2681-582	63.94
	10 x 4 x Sad	2681-624	74.88
	10 x 6 x Sad	2681-626	82.13
	12 x 6 x Sad	2681-666	104.51
	12 x 8 x Sad	2681-668	121.67
	15 x 10 x Sad	2681-730	174.12
	18.3 x 12 x Sad	2681-178	316.33

Stainless Steel Strapping 	6	65200008	7.19
	8	65200009	8.44
	10	65200010	8.80
	12	65200011	10.64
	15	65200012	13.56
	18	65200013	13.94

Distributing Gate 	2	2680-020	8.33
	3	2680-030	11.37
	4	2680-040	16.78

Vent Base 	6 x 4 x 2	2685-528	31.56
	8 x 6 x 4	2685-582	49.39
	10 x 8 x 4	2685-624	64.17
	12 x 10 x 6	2685-666	80.61
	15 x 12 x 8	2685-728	120.85
	18.3 x 15 x 8	2685-176	167.31
	20.4 x 18.3 x 8	2685-457	302.60

WEST COAST AVAILABILITY ONLY

PIP 100 Foot Head
Solvent Weld



PIP 100 FOOT HEAD - SOLVENT WELD

Item	Size	Part No.	List Price	Item	Size	Part No.	List Price
Stub Saddle 	6 x 2	2639-5281	15.14	Short Saddle 	6 x 2	2638-5281	12.20
	6 x 3	2639-5301	18.18		6 x 3	2638-5301	12.90
	6 x 4	2639-5321	21.23		6 x 4	2638-5321	14.43
	6 x 6	2639-0601	36.49		8 x 2	2638-5781	12.20
	8 x 2	2639-5781	15.14		8 x 3	2638-5801	12.90
	8 x 3	2639-5801	18.18		8 x 4	2638-5821	14.43
	8 x 4	2639-5821	21.23		8 x 6	2638-5851	18.18
	8 x 6	2639-5851	25.10		10 x 2	2638-6211	12.20
	8 x 8	2639-0801	47.17		10 x 3	2638-6231	12.90
	10 x 2	2639-6211	15.14		10 x 4	2638-6241	14.43
	10 x 3	2639-6231	18.18		10 x 6	2638-6261	18.18
	10 x 4	2639-6241	21.23		10 x 8	2638-6281	21.23
	10 x 6	2639-6261	25.10		12 x 2	2638-6611	12.20
	10 x 8	2639-6281	47.28		12 x 3	2638-6631	12.90
	10 x 10	2639-1001	71.46		12 x 4	2638-6641	14.43
	12 x 2	2639-6611	15.95		12 x 6	2638-6661	18.18
	12 x 3	2639-6631	19.71		12 x 8	2638-6681	21.23
	12 x 4	2639-6641	21.23		12 x 10	2638-6701	25.81
	12 x 6	2639-6661	25.10		15 x 2	2638-7211	12.20
	12 x 8	2639-6681	33.44		15 x 3	2638-7231	12.90
	12 x 10	2639-6701	44.11		15 x 4	2638-7241	14.43
	12 x 12	2639-1201	81.31		15 x 6	2638-7261	18.18
	15 x 2	2639-7211	17.48		15 x 8	2638-7281	21.23
	15 x 3	2639-7231	19.71		15 x 10	2638-7301	29.68
	15 x 4	2639-7241	21.23		15 x 12	2638-7321	39.53
	15 x 6	2639-7261	26.63	4" and smaller outlets are IPS	18.3 x 2	2638-1711	12.20
	15 x 8	2639-7281	35.66		18.3 x 4	2638-1731	14.43
	15 x 10	2639-7301	46.34		18.3 x 6	2638-1751	18.18
	15 x 12	2639-7321	66.18		18.3 x 8	2638-1761	23.58
	15 x 15	2639-1501	121.67		18.3 x 10	2638-1771	30.38
	18.3 x 2	2639-1711	17.48		18.3 x 12	2638-1781	50.92
	18.3 x 3	2639-1721	19.71		18.3 x 15	2638-1811	66.18
	18.3 x 4	2639-1731	22.41		20.4 x 2	2638-4511	12.90
	18.3 x 6	2639-1751	26.63		20.4 x 3	2638-4521	13.73
	18.3 x 8	2639-1761	38.02		20.4 x 4	2638-4531	14.43
	18.3 x 10	2639-1771	47.17		20.4 x 6	2638-4561	20.53
	18.3 x 12	2639-1781	76.85		20.4 x 8	2638-4571	41.81
	18.3 x 15	2639-1811	103.37		20.4 x 10	2638-4581	56.20
	18.3 x 18.3	2639-1831	211.31		20.4 x 12	2638-4591	61.60
	20.4 x 2	2639-4511	19.71		20.4 x 15	2638-4621	84.36
	20.4 x 3	2639-4521	21.23		20.4 x 18.3	2638-4641	93.51
4" and smaller outlets are IPS	20.4 x 4	2639-4531	22.76				
	20.4 x 6	2639-4561	30.38				
	20.4 x 8	2639-4571	61.88				
	20.4 x 10	2639-4581	72.97				
	20.4 x 12	2639-4591	87.41				
	20.4 x 15	2639-4621	122.38				
	20.4 x 18.3	2639-4641	149.01				
	20.4 x 20.4	2639-2041	203.72				

Installation Guide for PVC Pipe and Fittings



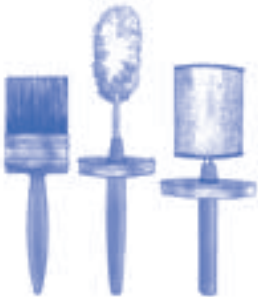
System Design

Before making any installation, **take some time to make sure your piping system has been engineered and designed properly.**

Make sure you have taken into consideration general design principles like friction loss, water velocity, adequate pump horsepower, air evacuation (pressure relief valves and air relief valves), elevation, water hammer, grade changes and temperature changes. It saves so much time, money and resources to do the job right the first time.

Solvent Weld Pipe and Fittings

When using solvent weld pipe and fittings, the objective is to create an actual chemical weld between the two pieces of plastic. The joints are not just “glued”; they actually become chemically welded.



Use a quality solvent cement and primer and read and follow all manufacturer’s instructions. It is important to make sure you are using the right cement for the job, and the correct size applicator.

Too thin a layer too slowly applied = “Dry Joint”

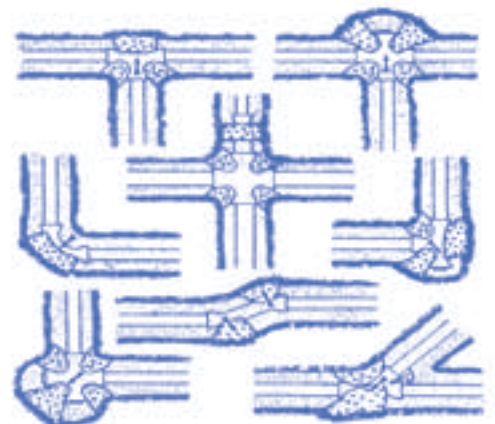
Cement Usage

Recommended Cement Use – Joints Per Quart of Solvent Cement

Size	4"	6"	8"	10"	12"	15"	18"	21"	24"	27"
Joints	30	20	10	6	4	3	1½	1	¾	½

Thrust Blocking

Thrust blocking must be used for all changes in direction, such as elbows and tees, and for changes in size when reducers are placed in line. The amount of force developed increases with the angle of deflection. The larger the reduction the more force developed. The amount of internal pressure, plus the forces created by the direction change must be restrained.



Water Hammer

When a pipe contains a column of moving liquid, there is considerable kinetic energy stored in the liquid by virtue of its mass and velocity. If the velocity is suddenly destroyed (by the quick closing of a valve) this energy cannot be absorbed, since the liquid is nearly incompressible and, therefore, appears as an instantaneous shock which may represent excessively high pressures, known as water hammer. Water hammer can cause damage, and failure to pipe, valves, and fittings within a piping system. It's important to take into consideration the avoidance of excessive water hammer during the engineering and design of your piping system.



Temperature Changes

When temperatures rise above 73° F, the tensile strength of thermoplastics decreases, thereby derating the pipe or fitting Maximum Internal Pressure. When temperatures fall below 73° F, the tensile strength of thermoplastics increases, however, the impact strength decreases.

Air Entrapment

Air trapped in the line reduces the capacity of the pipe to carry water. Compressed air in a pipeline can reach pressures far in excess of the static pressure of the line. The best way to control air in the line is to restrict air from entering the system, provide adequate air relief valves, and proper filling and testing of the piping system.

DO NOT USE WITH COMPRESSED AIR OR GASES

DO NOT use NACO Industries' fittings to transport or store compressed air or gases, or test thermoplastic piping systems with compressed air or gases. The use of compressed air or gases may result in explosive fragmentation of the piping system.



THE BEST TIME TO DO THE JOB *RIGHT* IS THE FIRST TIME !

PIPE DIMENSIONS

IPS-IRON PIPE SIZE

Nominal Size	Outside Diameter	Minimum Wall						
		ASTM D-2241					ASTM 1785	
		SDR-64 Class 63	SDR-41 Class 100	SDR-32.5 Class 125	SDR-26 Class 160	SDR-21 Class 200	Schedule 40	Schedule 80
1/8"	0.405	-	-	-	-	-	0.068	0.095
1/4"	0.540	-	-	-	-	-	0.088	0.119
3/8"	0.675	-	-	-	-	-	0.091	0.126
1/2"	0.840	-	-	-	-	-	0.109	0.147
3/4"	1.050	-	-	-	-	0.060	0.113	0.154
1"	1.315	-	-	-	0.060	0.063	0.133	0.179
1 1/4"	1.660	-	-	0.060	0.064	0.079	0.140	0.191
1 1/2"	1.900	-	-	0.060	0.073	0.090	0.145	0.200
2"	2.375	-	-	0.073	0.091	0.113	0.154	0.218
2 1/2"	2.875	-	-	0.088	0.110	0.137	0.203	0.276
3"	3.500	-	0.085	0.108	0.135	0.167	0.216	0.300
3 1/2"	4.000	-	0.098	0.123	0.154	0.190	0.226	0.318
4"	4.500	0.070	0.110	0.138	0.173	0.214	0.237	0.337
5"	5.563	0.087	0.136	0.171	0.214	0.265	0.258	0.375
6"	6.625	0.104	0.162	0.204	0.255	0.316	0.280	0.432
8"	8.625	0.135	0.210	0.265	0.332	0.410	0.322	0.500
10"	10.750	0.168	0.262	0.331	0.413	0.511	0.365	0.593
12"	12.750	0.199	0.311	0.392	0.490	0.606	0.406	0.687
14"	14.000	-	0.341	0.430	0.538	0.666	0.438	0.750
* 15"	15.300	0.239	-	-	0.588	-	-	-
16"	16.000	-	0.390	0.492	0.615	0.762	0.500	0.843
18"	18.000	-	0.439	0.554	0.692	0.857	0.562	0.937
20"	20.000	-	0.488	0.615	0.769	0.952	0.593	-
24"	24.000	-	0.585	0.738	0.923	1.143	0.687	-

* 15" in Class 63 and Class 160 is PIP size.

PIP-PLASTIC IRRIGATION PIPE

Nominal Size	Outside Diameter	Minimal Wall Thickness					
		SDR-93.5 100' Head	SDR-81 50 PSI	SDR-51 80 PSI	SDR-41 100 PSI	SDR-32.5 125 PSI	
4"	4.130	-	0.065 _{1,3}	0.081 _{1,2}	0.101 _{1,2}	0.127 ₂	
6"	6.140	0.070 ₁	0.076 _{1,3}	0.120 _{1,2}	0.150 _{1,2}	0.189 ₂	
8"	8.160	0.087 ₁	0.101 _{1,3}	0.160 _{1,2}	0.199 _{1,2}	0.251 ₂	
10"	10.200	0.109 ₁	0.126 _{1,3}	0.200 _{1,2}	0.249 _{1,2}	0.314 ₂	
12"	12.240	0.131 ₁	0.151 _{1,3}	0.240 _{1,2}	0.299 _{1,2}	0.377 ₂	
14"	14.280	0.153 ₁	0.176 _{1,3}	0.280 _{1,2}	0.350 _{1,2}	0.441 _{1,2}	
15"	15.300	0.164 ₁	0.189 _{1,3}	0.300 _{1,2,4}	0.373 _{1,2,4}	0.471 _{2,4}	
16"	16.314	-	-	0.314 ₂	0.3190 ₂	0.492 ₂	
**18.3"	18.360	0.197 ₁	0.227 ₁	0.360 _{1,2}	0.448 ₁	0.565 _{1,2}	
18.7"	18.701	0.200 ₁	0.231 _{1,3}	0.366 _{1,2,4}	0.456 _{1,4}	0.575 _{1,4}	
**20.4"	20.400	0.218 ₁	0.252 ₁	0.400 _{1,2}	0.498 _{1,2}	0.628 ₁	
21"	22.047	0.236 ₁	0.272 ₁	0.432 _{1,2,4}	0.538 _{1,4}	0.678 _{1,2,4}	
24"	24.803	0.266 ₁	0.306 ₁	0.486 _{1,2,4}	0.605 _{1,4}	0.763 _{1,2,4}	
27"	27.953	-	-	0.548 _{1,2,4}	0.682 _{1,4}	0.860 _{1,2,4}	

*ASAE Standard is IP, Irrigation Pipe. ¹ Source = ASAE S376.1 ³ Source = SCS 430EE
² Source = SCS 430DD ⁴ Source = ASTM D2241 Annex

CIOD-CAST IRON O.D.

Nominal Size	Outside Diameter	Minimal Wall Thickness	
		DR-51 80 PSI	DR-41 100 PSI
30"	32.000	0.627	0.780

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