

Section 1

Schedule 80 PVC Piping System

Effective September 27, 2010

Pipe and Fittings
Sizes 1/4" to 16"



Glossary

FPT	= Female Pipe Thread
MPT	= Male Pipe Thread
S	= Tapered Socket
SPG	= Spigot End (same dimension as pipe outside diameter)
*	= Non-Returnable / Non-cancellable
^	= 40% Restocking Fee
HS	= High Strength Design
SL	= Streamline Design
BUSH	= Assembled Fitting from Molded Components
FAB	= Fabricated Fitting

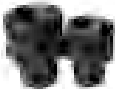
Product Line	Description	Discount
46	PVC Pressure Pipe - 20 ft. Lengths Plain End	_____
48	PVC Pressure Pipe - 20 ft. Lengths Bell End	_____
08	PVC Pressure Fittings - Molded	_____
34	PVC Pressure Expansion Joint	_____
33	PVC Pressure Metal Insert Fittings	_____
02	PVC Pressure LD Fittings - Molded	_____
05	PVC Pressure LD Fittings - Fabricated	_____

The technical information given in this publication implies no warranty of any kind and is subject to change without notice. Please consult our Terms and Conditions of Sale.

For complete technical information, please consult the GF Piping Systems' Technical Manual available online at www.gfpiping.com or by calling (800) 854-4090.

For more information about any of our product lines, please call (800) 854-4090.

Schedule 80 PVC

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Specifications, Standards and Tolerances

Specifications and Standards

NSF/ANSI Standard 14

NSF/ANSI Standard 61

ASTM D 1784	:	Material PVC Type I, Grade I Gray (cell classification 12454-B)
ASTM D 1785	:	PVC Schedule 80 Pipe
ASTM D 2467	:	PVC Schedule 80 Socket & Threaded Fittings
ASTM D 2464	:	PVC Schedule 80 Threaded Fittings
ASTM F 1498	:	PVC Schedule 80 Taper Threads
ASTM D 2672	:	PVC Schedule 80 Tapered Sockets for Bell End Pipe
ASTM F 1970	:	PVC Schedule 80 Unions
ANSI B16.5	:	Outside Diameter & Flange Bolt Hole Patterns
ANSI B1.20.1	:	PVC Schedule 80 NPT Threads
CSA B137.3	:	PVC Schedule 80 Pipe

Molded Dimension Tolerances

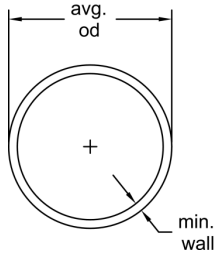
A	Piston Position; Expansion Joints : ± 0.03
D	Outside Diameter : ± 0.06
G, G1	Intersections of centerlines to bottom of socket; 90° Ells, Tees : up to 4" ± 0.03 ; 6" and above ± 0.06
GJ, GN	Intersections of centerlines to bottom of socket; 45° Wyes : up to 4" ± 0.03 ; 6" and above ± 0.06
H, HJ, HN	Intersections of centerlines to face of fitting; 90° Ells, 45° Ells, Tees, 45° Wyes : up to 4" ± 0.03 ; 6" and above ± 0.06
HL	Socket Bottom to Face of Fitting : up to 4" ± 0.03 ; 6" and above ± 0.06
J	Intersections of centerlines to bottom of socket; 45° & 30° Ells : up to 4" ± 0.03 ; 6" and above ± 0.06
L	Overall Length of fitting : ± 0.06
N	Socket Bottom to Socket Bottom; Couplings, Unions : ± 0.06
N1	Socket Bottom to Face of Flange : ± 0.06
R	Thickness on Plugs, Flanges : ± 0.03
T, T1	Effective Thread Length : Reference Only
W	Height of Cap : ± 0.06

Fabricated Dimension Tolerances

D	Outside Diameter : ± 0.50
E	Drive Pin Diameter : ± 0.50
G, G1	Intersections of centerlines to bottom of socket; 90° Ells, Tees, Crosses : ± 0.25
GJ, GN	Intersections of centerlines to bottom of socket; 45° Wyes : ± 0.25
H, HJ, HN	Intersections of centerlines to face of fitting; 90° Ells, 45° Ells, Tees, 45° Wyes, True Wyes : ± 0.50
HL	Socket Bottom to Face of Fitting : ± 0.25
J	Intersections of centerlines to bottom of socket; 11¼°, 15°, 30°, 22½°, 45° Ells, True Wyes : ± 0.25
L	Overall Length of fitting : ± 0.50
N	Socket Bottom to Socket Bottom; Couplings : ± 0.50
N1	Socket Bottom to Face of Flange : ± 0.50
R	Thickness on Plugs, Flanges : ± 0.25
T, T1	Effective Thread Length : Reference Only
W	Height of Cap : ± 0.25

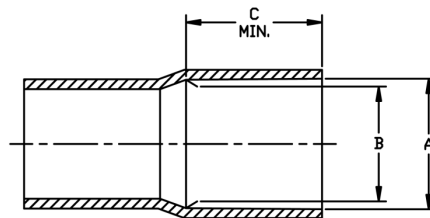
Schedule 80 PVC Pressure Pipe

PVC80 - 20 ft. lengths



Size [inch]	Plain End (P/L 46) Part No.	Bell End (P/L 48) Part No.
1/2	8008-005AB *	8008-005BB *
3/4	8008-007AB *	8008-007BB *
1	8008-010AB *	8008-010BB *
1 1/4	8008-012AB *	8008-012BB *
1 1/2	8008-015AB *	8008-015BB *
2	8008-020AB *	8008-020BB *
2 1/2	8008-025AB *	8008-025BB *
3	8008-030AB *	8008-030BB *
4	8008-040AB *	8008-040BB *
6	8008-060AB *	8008-060BB *
8	8008-080AB *	8008-080BB *
10	8008-100AB *	8008-100BB *
12	8008-120AB *	8008-120BB *
14	8008-140AB *	8008-140BB *
16	8008-160AB *	8008-160BB *

Size [inch]	Lift Qty [ft]	Average O.D. [inch]	min. wall [inch]	A-Socket Entrance (Belled Pipe)	B-Sock- et Bottom (Belled Pipe)	C-Min. (Belled Pipe)
1/2	5600	0.840	0.147	0.848±0.004	0.836±0.004	1.000
3/4	5000	1.050	0.154	1.058±0.004	1.046±0.004	1.250
1	2360	1.315	0.179	1.325±0.005	1.310±0.005	1.500
1 1/4	1960	1.660	0.191	1.670±0.005	1.655±0.005	1.750
1 1/2	1800	1.900	0.200	1.912±0.006	1.894±0.006	2.000
2	1060	2.375	0.218	2.387±0.006	2.363±0.006	2.250
2 1/2	880	2.875	0.276	2.889±0.007	2.861±0.007	2.500
3	700	3.500	0.300	3.516±0.008	3.484±0.008	3.250
4	520	4.500	0.337	4.518±0.009	4.482±0.009	4.000
6	220	6.625	0.432	6.647±0.011	6.603±0.011	6.000
8	100	8.625	0.500	8.655±0.015	8.598±0.015	6.000
10	80	10.750	0.593	10.776±0.015	10.722±0.015	7.500
12	60	12.750	0.687	12.778±0.015	12.721±0.015	8.500
14	60	14.000	0.750	14.035±0.015	13.985±0.015	9.000
16	60	16.000	0.843	16.045±0.015	15.980±0.015	10.000

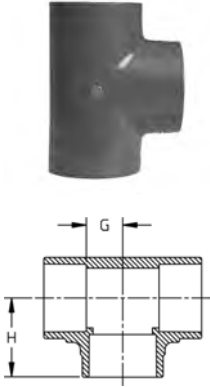


^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

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Schedule 80 PVC Pressure Fittings

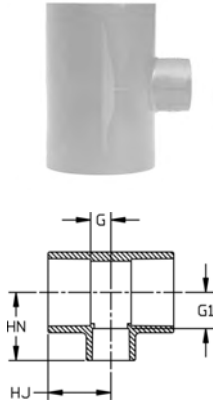
Tee (S x S x S)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	G [inch]	Design	
¼	08	801-002 *	50	0.92	0.29	HS	
⅜	08	801-003 *	50	1.16	0.40	HS	
½	08	801-005	25	1.49	0.50	SL	
¾	08	801-007	25	1.61	0.56	SL	
1	08	801-010	20	1.86	0.72	SL	
1 ¼	08	801-012	10	2.19	0.91	SL	
1 ½	08	801-015	10	2.44	1.06	SL	
2	08	801-020	10	2.78	1.29	SL	
2 ½	08	801-025	5	3.33	1.50	SL	
3	08	801-030	5	3.75	1.85	SL	
4	08	801-040	5	4.63	2.38	SL	
6	08	801-060	2	6.63	3.55	SL	
8	08	801-080	1	8.70	4.59	SL	
10	02	801-100	1	10.85	5.75	SL	
12	02	801-120	1	13.00	6.81	SL	
14	05	801-140N *	1	19.50	10.88	FAB	
16	05	801-160N *	1	22.75	12.13	FAB	

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Reducing Tee (S x S x S)



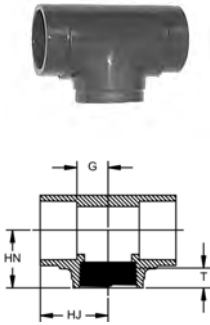
Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	G1 [inch]	Design
¾ x ½	08	801-101	25	1.63	1.63	0.61	0.73	SL
1 x ½	08	801-130	25	1.88	1.63	0.73	0.75	SL
1 x ¾	08	801-131	20	1.88	1.87	0.73	0.86	SL
1 ¼ x 1	08	801-168	20	2.00	2.00	0.73	0.91	SL
1 ½ x ½	08	801-209	5	1.91	1.93	0.54	1.05	SL
1 ½ x ¾	08	801-210	5	2.00	2.00	0.61	1.05	SL
1 ½ x 1	08	801-211	5	2.13	2.20	0.73	0.81	SL
2 x ½	08	801-247	5	2.04	2.19	0.53	1.30	SL
2 x ¾	08	801-248	5	2.13	2.31	0.73	1.29	SL
2 x 1	08	801-249	5	2.25	2.44	0.73	1.26	SL
2 x 1 ¼	08	801-250FB *	5	2.78	3.11	1.29	1.85	BUSH
2 x 1 ½	08	801-251	5	2.56	2.69	1.05	1.29	SL
2 ½ x 2	08	801-292	5	3.04	3.03	1.28	1.53	SL
3 x 2	08	801-338	5	3.21	3.40	1.31	1.87	SL
4 x 1 ½	08	801-419FB *	5	3.52	4.16	1.26	2.77	BUSH
4 x 2	08	801-420	5	3.52	3.88	1.26	2.37	SL
4 x 3	08	801-422	5	4.15	4.31	1.87	2.39	SL
6 x 2	08	801-528FB *	2	6.58	7.21	3.56	5.65	BUSH
6 x 3	08	801-530FB *	2	6.58	7.21	3.56	5.26	BUSH
6 x 4	08	801-532	2	6.58	6.81	3.49	4.50	HS
8 x 4	08	801-582FB *	1	7.63	8.09	3.59	5.84	BUSH
8 x 6	08	801-585	1	7.63	7.52	3.59	4.50	SL
10 x 2	05	801-619N *	1	9.75	12.75	4.75	11.50	FAB
10 x 3	05	801-621N *	1	10.25	12.50	5.25	11.00	FAB
10 x 4	05	801-623N *	1	10.75	11.75	5.75	9.75	FAB
10 x 6	05	801-626N *	1	11.88	12.75	6.88	9.75	FAB
10 x 6	02	801-626FB *	1	10.85	11.98	5.75	8.88	BUSH
10 x 8	05	801-628N *	1	12.88	13.75	7.88	9.75	FAB
10 x 8	02	801-628FB *	1	10.85	11.41	5.75	7.32	BUSH
12 x 2	05	801-659N *	1	11.00	13.75	5.00	12.50	FAB
12 x 3	05	801-661N *	1	11.50	13.50	5.50	12.00	FAB
12 x 4	05	801-663N *	1	12.00	12.75	6.00	10.75	FAB
12 x 6	05	801-666N *	1	13.13	13.75	7.13	10.75	FAB
12 x 8	05	801-668N *	1	14.13	14.75	8.13	10.75	FAB
12 x 8	02	801-668FB *	1	13.00	13.69	6.81	9.25	BUSH
12 x 10	05	801-670N *	1	15.13	16.75	9.13	10.75	FAB
12 x 10	02	801-670FB *	1	13.00	13.53	6.81	8.44	BUSH
14 x 2	05	801-692N *	1	12.13	14.50	5.13	13.13	FAB
14 x 3	05	801-694N *	1	12.63	14.25	5.63	12.75	FAB
14 x 4	05	801-696N *	1	13.13	13.50	6.13	11.50	FAB
14 x 6	05	801-698N *	1	14.25	14.50	7.25	11.50	FAB
14 x 8	05	801-700N *	1	15.25	15.50	8.25	11.50	FAB
14 x 10	05	801-702N *	1	16.25	16.50	9.25	11.50	FAB
14 x 12	05	801-704N *	1	17.25	18.50	10.25	12.50	FAB
16 x 2	05	801-726N *	1	13.38	12.75	5.38	11.50	FAB
16 x 3	05	801-728N *	1	13.88	13.75	5.88	12.25	FAB
16 x 4	05	801-730N *	1	14.38	14.75	6.38	12.75	FAB
16 x 6	05	801-732N *	1	15.50	15.75	7.50	12.75	FAB
16 x 8	05	801-734N *	1	16.50	16.75	8.50	12.75	FAB
16 x 10	05	801-736N *	1	17.50	17.75	9.50	12.75	FAB
16 x 12	05	801-738N *	1	18.50	19.75	10.50	13.75	FAB
16 x 14	05	801-740N *	1	19.13	20.75	11.13	13.75	FAB

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

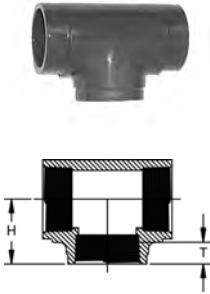
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Tee (S x S x FPT)



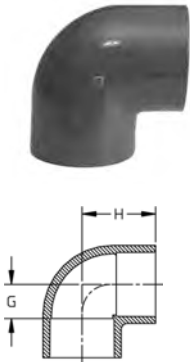
Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	T [inch]	Design	
½	08	802-005	25	1.39	1.39	0.52	0.53	HS	
¾	08	802-007	25	1.58	1.37	0.58	0.55	HS	
1	08	802-010	15	1.83	1.70	0.70	0.68	HS	
1 ½	08	802-015	5	2.42	2.08	1.03	0.72	HS	
2	08	802-020	5	2.79	2.35	1.28	0.76	HS	

Tee (FPT x FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	T [inch]	Design	
¼	08	805-002 *	50	0.92	0.40	HS	
¾	08	805-003 *	50	1.16	0.41	HS	
½	08	805-005 ^	25	1.27	0.53	HS	
¾	08	805-007 ^	25	1.38	0.55	HS	
1	08	805-010 ^	15	1.70	0.68	HS	
1 ¼	08	805-012 ^	10	1.93	0.71	HS	
1 ½	08	805-015 ^	5	2.08	0.72	HS	
2	08	805-020 ^	5	2.35	0.76	HS	
2 ½	08	805-025 ^	5	2.88	1.14	HS	
3	08	805-030 ^	5	3.50	1.20	HS	
4	08	805-040 ^	5	4.06	1.30	HS	

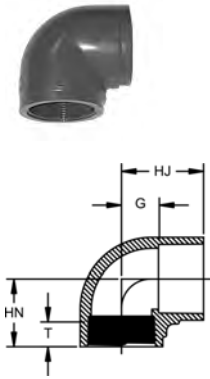
90° Ell (S x S)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	G [inch]	Design	
¼	08	806-002 *	50	0.95	0.33	HS	
¾	08	806-003 *	50	1.17	0.41	HS	
½	08	806-005	25	1.41	0.50	SL	
¾	08	806-007	25	1.61	0.56	SL	
1	08	806-010	10	1.86	0.69	SL	
1 ¼	08	806-012	10	2.16	0.91	SL	
1 ½	08	806-015	10	2.41	1.03	SL	
2	08	806-020	20	2.78	1.28	SL	
2 ½	08	806-025	5	3.29	1.53	SL	
3	08	806-030	5	3.75	1.85	SL	
4	08	806-040	5	4.60	2.34	SL	
6	08	806-060	2	6.70	3.69	SL	
8	08	806-080	1	8.67	4.59	SL	
10	02	806-100	1	10.75	5.75	SL	
12	02	806-120	1	12.63	6.06	SL	
14	05	806-140N *	1	26.25	19.25	FAB	
16	05	806-160N *	1	30.00	22.00	FAB	

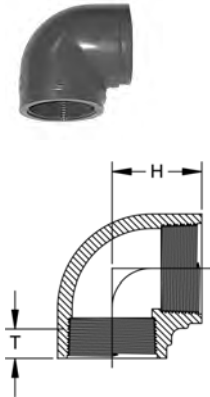
^ = 40% Restock Charge
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90° EII (S x FPT)



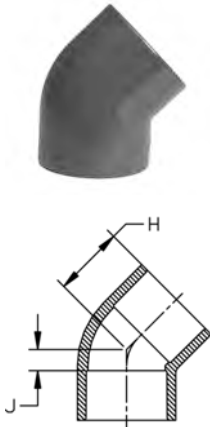
Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	T [inch]	Design	
1/2	08	807-005	25	1.80	1.28	0.50	0.53	HS	
3/4	08	807-007	25	1.57	1.38	0.56	0.55	HS	
1	08	807-010	10	1.82	1.70	0.69	0.68	HS	
1 1/4	08	807-012	10	2.16	1.93	0.91	0.71	HS	
1 1/2	08	807-015	10	2.41	2.07	1.03	0.72	HS	
2	08	807-020	5	2.78	2.35	1.28	0.76	HS	
3	08	807-030	5	3.75	3.50	1.85	1.20	HS	

90° EII (FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	T [inch]	Design	
1/4	08	808-002 *	50	0.92	0.40	HS	
3/8	08	808-003 *	50	1.00	0.41	HS	
1/2	08	808-005 ^	25	1.29	0.53	HS	
3/4	08	808-007 ^	25	1.38	0.55	HS	
1	08	808-010 ^	10	1.70	0.68	HS	
1 1/4	08	808-012 ^	10	1.93	0.71	HS	
1 1/2	08	808-015 ^	10	2.06	0.72	HS	
2	08	808-020 ^	5	2.36	0.76	HS	
2 1/2	08	808-025 ^	5	3.00	1.14	HS	
3	08	808-030 ^	5	3.50	1.20	HS	
4	08	808-040 ^	5	4.13	1.30	HS	

45° EII (S x S)



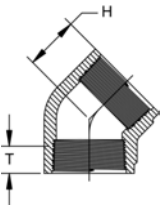
Size [inch]	P/L	Part No.	Pack Qty	H [inch]	J [inch]	Design	
1/4	08	817-002 *	50	0.81	0.13	HS	
3/8	08	817-003 *	50	0.94	0.19	HS	
1/2	08	817-005	25	1.21	0.25	SL	
3/4	08	817-007	20	1.32	0.33	SL	
1	08	817-010	25	1.47	0.29	SL	
1 1/4	08	817-012	15	1.70	0.40	SL	
1 1/2	08	817-015	10	1.88	0.44	SL	
2	08	817-020	5	2.16	0.60	SL	
2 1/2	08	817-025	5	2.53	0.76	SL	
3	08	817-030	5	2.66	0.78	SL	
4	08	817-040	5	3.24	0.95	SL	
6	08	817-060	2	4.81	1.74	SL	
8	08	817-080	2	6.11	2.02	SL	
10	02	817-100	1	7.50	2.50	SL	
12	02	817-120	1	9.00	3.00	SL	
14	05	817-140N *	1	10.50	3.50	FAB	
16	05	817-160N *	1	11.75	3.75	FAB	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

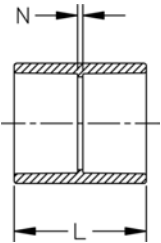
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45° EII (FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	T [inch]	Design	
¼	08	819-002 *	50	0.76	0.40	HS	
⅜	08	819-003 *	50	0.94	0.41	HS	
½	08	819-005 ^	25	1.02	0.53	HS	
¾	08	819-007 ^	20	1.14	0.55	HS	
1	08	819-010 ^	25	1.33	0.68	HS	
1 ¼	08	819-012 ^	15	1.40	0.71	HS	
1 ½	08	819-015 ^	10	1.52	0.72	HS	
2	08	819-020 ^	5	1.72	0.76	HS	
3	08	819-030 ^	5	2.44	1.20	HS	
4	08	819-040 ^	5	2.77	1.30	HS	

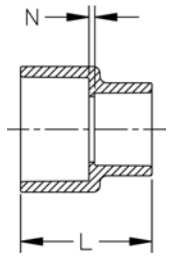
Coupling (S x S)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design	
¼	08	829-002 *	50	1.39	0.14	HS	
⅜	08	829-003 *	50	1.64	0.14	HS	
½	08	829-005	25	1.93	0.13	SL	
¾	08	829-007	20	2.18	0.13	SL	
1	08	829-010	25	2.41	0.13	SL	
1 ¼	08	829-012	10	2.64	0.12	SL	
1 ½	08	829-015	10	2.90	0.13	SL	
2	08	829-020	20	3.14	0.12	SL	
2 ½	08	829-025	5	3.75	0.16	SL	
3	08	829-030	5	4.05	0.25	SL	
4	08	829-040	5	4.79	0.25	SL	
6	08	829-060	2	6.41	0.34	SL	
8	08	829-080	2	8.40	0.34	SL	
10	02	829-100	2	10.55	0.49	SL	
12	02	829-120	1	12.54	0.50	SL	
14	05	829-140N *	1	16.75	2.75	FAB	
16	05	829-160N *	1	19.00	3.00	FAB	

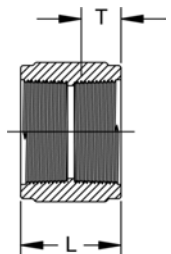
^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Reducing Coupling (S x S)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design	
3/4 x 1/2	08	829-101	20	2.16	0.14	HS	
1 x 1/2	08	829-130	25	2.12	0.09	HS	
1 x 3/4	08	829-131	25	2.26	0.12	HS	
1 1/4 x 1	08	829-168	10	2.54	0.09	HS	
1 1/2 x 1/2	08	829-209FB *	10	3.34	0.17	BUSH	
1 1/2 x 3/4	08	829-210	10	3.34	0.17	BUSH	
1 1/2 x 1	08	829-211	10	2.66	0.10	HS	
1 1/2 x 1 1/4	08	829-212	10	2.82	0.10	HS	
2 x 1/2	08	829-247FB *	5	3.35	0.88	BUSH	
2 x 3/4	08	829-248FB *	5	3.36	0.77	BUSH	
2 x 1	08	829-249	5	3.12	0.33	HS	
2 x 1 1/4	08	829-250	5	3.00	0.13	HS	
2 x 1 1/2	08	829-251	5	3.05	0.10	HS	
2 1/2 x 1 1/2	08	829-291	5	3.30	0.13	HS	
2 1/2 x 2	08	829-292FB *	5	4.00	0.65	BUSH	
3 x 1 1/2	08	829-337FB *	5	4.55	1.16	BUSH	
3 x 2	08	829-338	5	3.61	0.16	HS	
3 x 2 1/2	08	829-339FB *	5	4.49	0.76	BUSH	
4 x 2	08	829-420FB *	5	4.94	1.12	BUSH	
4 x 3	08	829-422	5	4.39	0.26	HS	
6 x 4	08	829-532	2	10.25	3.50	HS	
8 x 4	08	829-582FB *	2	9.77	3.42	BUSH	
8 x 6	08	829-585	2	9.26	2.07	HS	
10 x 4	05	829-623N *	1	17.50	10.50	FAB	
10 x 6	05	829-626N *	1	13.25	5.25	FAB	
10 x 6	02	829-626FB *	1	10.96	2.90	BUSH	
10 x 8	05	829-628N *	1	12.75	3.75	FAB	
10 x 8	02	829-628FB *	2	11.18	2.07	BUSH	
12 x 8	05	829-668N *	1	15.50	5.50	FAB	
12 x 8	02	829-668FB *	1	13.40	2.97	BUSH	
12 x 10	05	829-670N *	1	15.00	4.00	FAB	
12 x 10	02	829-670FB *	1	13.24	2.13	BUSH	
14 x 10	05	829-702N *	1	17.00	5.00	FAB	
14 x 12	05	829-704N *	1	16.50	3.50	FAB	
16 x 12	05	829-738N *	1	19.25	5.25	FAB	
16 x 14	05	829-740N *	1	19.50	4.50	FAB	

Coupling (FPT x FPT)

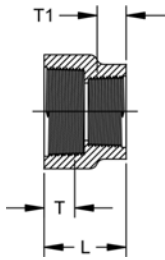


Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	Design	
1/4	08	830-002 *	50	1.30	0.40	HS	
3/8	08	830-003 *	50	1.34	0.41	HS	
1/2	08	830-005 ^	25	1.66	0.53	HS	
3/4	08	830-007 ^	20	1.73	0.55	HS	
1	08	830-010 ^	25	2.10	0.68	HS	
1 1/4	08	830-012 ^	10	2.19	0.71	HS	
1 1/2	08	830-015 ^	10	2.22	0.72	HS	
2	08	830-020 ^	5	2.29	0.76	HS	
2 1/2	08	830-025 ^	5	3.39	1.14	HS	
3	08	830-030 ^	5	3.57	1.20	HS	
4	08	830-040 ^	5	3.73	1.30	HS	

^ = 40% Restock Charge

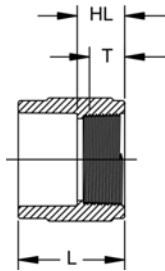
* = Non-Cancelable/Non-Returnable

+GF+



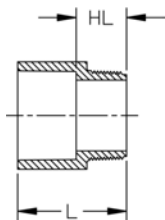
Reducing Coupling (FPT x FPT)

Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	T1 [inch]	Design
3/8 x 1/4	08	830-052 *	50	1.29	0.41	0.40	HS
1/2 x 1/4	08	830-072 *	50	1.45	0.53	0.40	HS
1/2 x 3/8	08	830-073 *	50	1.46	0.53	0.41	HS
3/4 x 1/2	08	830-101 ^	25	1.69	0.55	0.53	HS
1 x 1/2	08	830-130 ^	25	1.83	0.68	0.53	HS
1 x 3/4	08	830-131 ^	25	1.88	0.68	0.55	HS
1 1/4 x 3/4	08	830-167 ^	25	1.91	0.71	0.55	HS
1 1/2 x 1	08	830-211 ^	20	2.11	0.72	0.68	HS
2 x 1 1/2	08	830-251 ^	10	2.11	0.76	0.72	HS



Female Adapter (S x FPT)

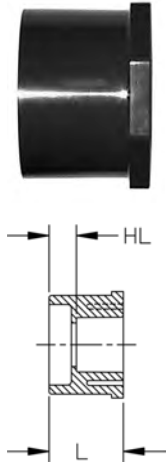
Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	T [inch]	Design
1/4	08	835-002 *	50	0.75	1.43	0.40	HS
3/8	08	835-003 *	50	0.75	1.55	0.41	HS
1/2	08	835-005	25	0.91	1.79	0.53	HS
3/4	08	835-007	25	0.95	1.96	0.55	HS
1	08	835-010	25	1.11	2.26	0.68	HS
1 1/4	08	835-012	10	1.16	2.44	0.71	HS
1 1/2	08	835-015	10	1.19	2.58	0.72	HS
2	08	835-020	10	1.23	2.74	0.76	HS
2 1/2	08	835-025	5	1.75	3.50	1.14	HS
3	08	835-030	5	1.91	3.82	1.20	HS
4	08	835-040	5	2.02	4.29	1.30	HS
6	05	835-060N *	1	4.75	7.75	1.50	FAB
8	05	835-080N *	1	5.00	9.00	1.75	FAB
10	05	835-100N *	1	4.50	9.50	2.00	FAB
12	05	835-120N *	1	4.50	10.50	2.13	FAB



Male Adapter (S x MPT)

Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	Design
1/2	08	836-005	50	0.93	1.86	SL
3/4	08	836-007	25	1.00	2.04	HS
1	08	836-010	25	1.21	2.39	HS
1 1/4	08	836-012	15	1.29	2.56	HS
1 1/2	08	836-015	10	1.32	2.72	HS
2	08	836-020	5	1.35	2.88	HS
2 1/2	08	836-025	5	1.87	3.68	HS
3	08	836-030	5	2.02	3.92	HS
4	08	836-040	5	2.08	4.40	HS
6	05	836-060N *	1	3.63	6.63	FAB
8	05	836-080N *	1	3.50	7.50	FAB
10	05	836-100N *	1	4.25	9.25	FAB
12	05	836-120N *	1	4.25	10.25	FAB

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable



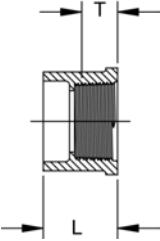
Flush Style Reducer Bushing (SPG x S)

Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	Design	
1/2 x 1/4	08	837-072 *	50	0.46	1.14	FLUSH	
1/2 x 3/8	08	837-073 *	50	0.32	1.10	FLUSH	
3/4 x 1/2	08	837-101	50	0.40	1.29	FLUSH	
1 x 1/2	08	837-130	25	0.54	1.42	FLUSH	
1 x 3/4	08	837-131	50	0.44	1.42	FLUSH	
1 1/4 x 1/2	08	837-166	25	0.66	1.56	FLUSH	
1 1/4 x 3/4	08	837-167	25	0.55	1.57	FLUSH	
1 1/4 x 1	08	837-168	25	0.42	1.57	FLUSH	
1 1/2 x 1/2	08	837-209	25	0.77	1.68	FLUSH	
1 1/2 x 3/4	08	837-210	25	0.67	1.69	FLUSH	
1 1/2 x 1	08	837-211	25	0.55	1.68	FLUSH	
1 1/2 x 1 1/4	08	837-212	25	0.42	1.70	FLUSH	
2 x 1/2	08	837-247	10	0.88	1.79	FLUSH	
2 x 3/4	08	837-248	10	0.78	1.81	FLUSH	
2 x 1	08	837-249	10	0.66	1.81	FLUSH	
2 x 1 1/4	08	837-250	10	0.56	1.82	FLUSH	
2 x 1 1/2	08	837-251	10	0.40	1.80	FLUSH	
2 1/2 x 1 1/2	08	837-291	5	0.96	2.43	FLUSH	
2 1/2 x 2	08	837-292	5	0.55	2.13	FLUSH	
3 x 1	08	837-335FB *	5	1.53	3.09	BUSH	
3 x 1 1/4	08	837-336FB *	5	1.45	2.72	BUSH	
3 x 1 1/2	08	837-337	5	0.92	2.43	FLUSH	
3 x 2	08	837-338	5	0.87	2.43	FLUSH	
3 x 2 1/2	08	837-339	5	0.39	2.23	FLUSH	
4 x 2	08	837-420	5	1.15	2.72	FLUSH	
4 x 3	08	837-422	5	0.77	2.76	FLUSH	
6 x 3	08	837-530	2	1.41	3.66	FLUSH	
6 x 4	08	837-532	2	1.13	3.66	FLUSH	
8 x 6	08	837-585	2	1.56	4.66	FLUSH	
10 x 4	02	837-623FB *	1	3.91	6.16	BUSH	
10 x 4	05	837-623N *	1	3.75	6.00	FAB	
10 x 6	02	837-626	1	2.57	5.66	FLUSH	
10 x 8	02	837-628	1	1.57	5.66	FLUSH	
12 x 6	02	837-666FB *	1	4.19	7.29	BUSH	
12 x 6	05	837-666N *	1	3.00	6.50	FAB	
12 x 8	02	837-668	1	2.63	6.72	FLUSH	
12 x 10	02	837-670	1	1.63	6.72	FLUSH	
14 x 4	05	837-696N *	1	5.00	7.50	FAB	
14 x 6	05	837-698N *	1	4.00	7.50	FAB	
14 x 8	05	837-700N *	1	3.00	7.50	FAB	
14 x 10	05	837-702N *	1	2.00	7.50	FAB	
14 x 12	05	837-704N *	1	1.00	7.50	FAB	
16 x 4	05	837-730N *	1	6.00	8.50	FAB	
16 x 6	05	837-732N *	1	5.00	8.50	FAB	
16 x 8	05	837-734N *	1	4.00	8.50	FAB	
16 x 10	05	837-736N *	1	3.00	8.50	FAB	
16 x 12	05	837-738N *	1	2.00	8.50	FAB	
16 x 14	05	837-740N *	1	1.00	8.50	FAB	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

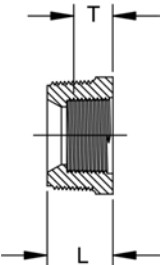
+GF+



Flush Style Reducer Bushing (SPG x FPT)

Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	Design
3/8 x 1/4	08	838-052E *	50	0.98	0.40	Extended
1/2 x 1/4	08	838-072 *	50	1.14	0.40	FLUSH
1/2 x 3/8	08	838-073 *	50	1.12	0.41	FLUSH
3/4 x 1/4	08	838-098 *	50	1.21	0.40	FLUSH
3/4 x 1/2	08	838-101	50	1.28	0.53	FLUSH
1 x 1/2	08	838-130	50	1.42	0.53	FLUSH
1 x 3/4	08	838-131	50	1.41	0.55	FLUSH
1 1/4 x 1/2	08	838-166	15	1.53	0.53	FLUSH
1 1/4 x 3/4	08	838-167	15	1.56	0.55	FLUSH
1 1/4 x 1	08	838-168	15	1.55	0.68	FLUSH
1 1/2 x 1/2	08	838-209	15	1.68	0.53	FLUSH
1 1/2 x 3/4	08	838-210	15	1.68	0.55	FLUSH
1 1/2 x 1	08	838-211	15	1.69	0.68	FLUSH
1 1/2 x 1 1/4	08	838-212	15	1.68	0.71	FLUSH
2 x 1/2	08	838-247	10	1.80	0.53	FLUSH
2 x 3/4	08	838-248	10	1.80	0.55	FLUSH
2 x 1	08	838-249	10	1.79	0.68	FLUSH
2 x 1 1/4	08	838-250	10	1.78	0.71	FLUSH
2 x 1 1/2	08	838-251	10	1.79	0.72	FLUSH
2 1/2 x 1 1/2	08	838-291	5	2.11	0.72	FLUSH
2 1/2 x 2	08	838-292	5	2.20	0.76	FLUSH
3 x 2	08	838-338	5	2.44	0.76	FLUSH
3 x 2 1/2	08	838-339	5	2.20	1.14	FLUSH
4 x 2	08	838-420	5	2.73	0.76	FLUSH
4 x 3	08	838-422	5	2.69	1.20	FLUSH

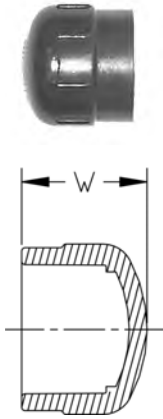
Flush Style Reducer Bushing (MPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	Style
3/8 x 1/4	08	839-052 *	50	0.79	0.40	FLUSH
1/2 x 1/4	08	839-072 *	50	0.96	0.40	FLUSH
1/2 x 3/8	08	839-073 *	50	0.94	0.40	FLUSH
3/4 x 1/4	08	839-098 *	50	1.02	0.40	FLUSH
3/4 x 3/8	08	839-099 *	50	1.02	0.41	FLUSH
3/4 x 1/2	08	839-101 ^	50	1.08	0.53	FLUSH
1 x 1/4	08	839-128 ^	25	1.22	0.40	FLUSH
1 x 1/2	08	839-130 ^	25	1.24	0.53	FLUSH
1 x 3/4	08	839-131 ^	25	1.27	0.55	FLUSH
1 1/4 x 1/2	08	839-166 ^	25	12.83	0.53	FLUSH
1 1/4 x 3/4	08	839-167 ^	25	1.29	0.55	FLUSH
1 1/4 x 1	08	839-168 ^	25	1.30	0.68	FLUSH
1 1/2 x 3/4	08	839-210 ^	25	1.33	0.55	FLUSH
1 1/2 x 1	08	839-211 ^	25	1.34	0.68	FLUSH
1 1/2 x 1 1/4	08	839-212 ^	25	1.32	0.71	FLUSH
2 x 1/2	08	839-247 ^	10	1.43	0.53	FLUSH
2 x 3/4	08	839-248 ^	10	1.43	0.55	FLUSH
2 x 1	08	839-249 ^	10	1.43	0.68	FLUSH
2 x 1 1/4	08	839-250 ^	10	1.43	0.71	FLUSH
2 x 1 1/2	08	839-251 ^	10	1.35	0.72	FLUSH
3 x 2	08	839-338 ^	5	2.03	0.76	FLUSH
4 x 2	08	839-420 ^	5	2.06	0.76	FLUSH
4 x 3	08	839-422 ^	5	2.06	1.20	FLUSH

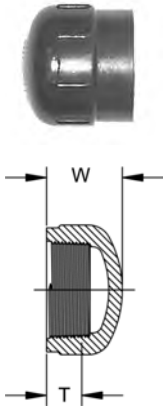
^ = 40% Restock Charge
 * = Non-Cancelable/Non-Returnable

Cap (S)



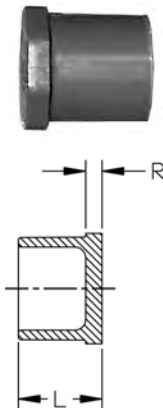
Size [inch]	P/L	Part No.	Pack Qty	W [inch]	Design	
1/4	08	847-002 *	50	0.95	HS	
3/8	08	847-003 *	50	1.09	HS	
1/2	08	847-005	50	1.29	HS	
3/4	08	847-007	50	1.46	HS	
1	08	847-010	25	1.67	HS	
1 1/4	08	847-012	15	1.88	HS	
1 1/2	08	847-015	10	2.09	HS	
2	08	847-020	5	2.32	HS	
2 1/2	08	847-025	5	2.73	HS	
3	08	847-030	5	3.05	HS	
4	08	847-040	5	3.67	HS	
6	08	847-060	2	4.96	HS	
8	08	847-080	2	6.29	SL	
10	02	847-100	1	7.88	SL	
12	02	847-120	1	9.38	SL	
14	05	847-140N *	1	5.75	FAB	
16	05	847-160N *	1	7.50	FAB	

Cap (FPT)



Size [inch]	P/L	Part No.	Pack Qty	W [inch]	T [inch]	Design	
1/4	08	848-002 *	50	0.93	0.40	HS	
3/8	08	848-003 *	50	0.95	0.41	HS	
1/2	08	848-005 ^	50	1.16	0.53	HS	
3/4	08	848-007 ^	25	1.24	0.55	HS	
1	08	848-010 ^	25	1.50	0.68	HS	
1 1/4	08	848-012 ^	15	1.61	0.71	HS	
1 1/2	08	848-015 ^	10	1.66	0.72	HS	
2	08	848-020 ^	5	1.84	0.76	HS	
2 1/2	08	848-025 ^	5	2.56	1.14	HS	
3	08	848-030 ^	5	2.83	1.20	HS	
4	08	848-040 ^	5	3.13	1.30	HS	

Plug (SPG)



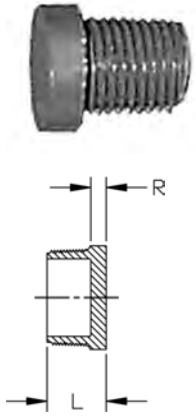
Size [inch]	P/L	Part No.	Pack Qty	L [inch]	R [inch]	
1/2	08	849-005	50	1.09	0.20	
3/4	08	849-007	50	1.26	0.23	
1	08	849-010	25	1.41	0.25	
1 1/2	08	849-015	20	1.71	0.31	
2	08	849-020	10	1.90	0.38	
4	08	849-040	5	2.64	0.39	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

+GF+

Plug (MPT)



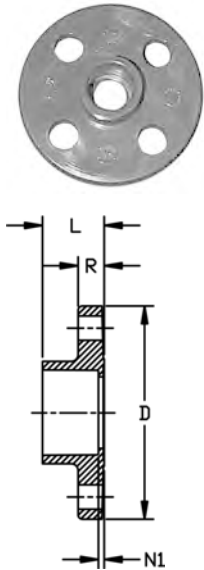
Size [inch]	P/L	Part No.	Pack Qty	L [inch]	R [inch]
1/4	08	850-002 *	50	0.81	0.22
3/8	08	850-003 *	50	0.83	0.22
1/2	08	850-005	50	0.97	0.22
3/4	08	850-007	50	1.04	0.25
1	08	850-010	25	1.25	0.27
1 1/4	08	850-012	25	1.32	0.31
1 1/2	08	850-015	20	1.38	0.34
2	08	850-020	10	1.46	0.40
2 1/2	08	850-025	10	2.00	0.38
3	08	850-030	5	2.00	0.38
4	08	850-040	5	2.15	0.39
6	05	850-060H *	1	4.00	1.00
8	05	850-080H *	1	4.00	1.00
10	05	850-100H *	1	4.00	1.00
12	05	850-120H *	1	4.00	1.00

Flange - One Piece (S)

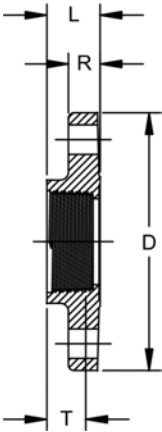
150 psi @ 73°F (10.3 bar @ 22.7°C)

HC = Honeycomb (Front)

WEB = Webbed (Back)



Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	N1 [inch]	R [inch]	Design
1/2	08	851-005	5	4	1/2	2.38	3.50	1.03	0.15	0.44	SOLID
3/4	08	851-007	5	4	1/2	2.75	3.88	1.21	0.19	0.51	SOLID
1	08	851-010	5	4	1/2	3.13	4.25	1.39	0.13	0.55	HC
1 1/4	08	851-012	5	4	1/2	3.50	4.63	1.42	0.16	0.62	HC
1 1/2	08	851-015	5	4	1/2	3.88	5.00	1.54	0.16	0.72	HC
2	08	851-020	5	4	5/8	4.75	6.00	1.77	0.16	0.75	HC
2 1/2	08	851-025	5	4	5/8	5.50	7.00	2.01	0.19	0.80	HC
3	08	851-030	5	4	5/8	6.00	7.50	2.20	0.31	0.98	WEB
4	08	851-040	5	8	5/8	7.50	9.00	2.55	0.22	1.24	WEB
6	08	851-060	2	8	3/4	9.50	11.00	3.86	0.34	1.32	HC
8	08	851-080	2	8	3/4	11.75	13.50	4.85	0.35	1.37	HC



Flange - One Piece (FPT)

150 psi @ 73°F (10.3 bar @ 22.7°C)

HC = Honeycomb (Front)

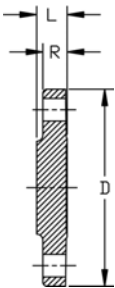
WEB = Webbed (Back)

Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	T [inch]	R [inch]	Design
1/2	08	852-005 ^	5	4	1/2	2.38	3.50	0.94	0.53	0.44	SOLID
3/4	08	852-007 ^	5	4	1/2	2.75	3.88	0.95	0.55	0.51	SOLID
1	08	852-010 ^	5	4	1/2	3.13	4.25	1.13	0.68	0.55	HC
1 1/4	08	852-012 ^	5	4	1/2	3.50	4.63	1.19	0.71	0.63	HC
1 1/2	08	852-015 ^	5	4	1/2	3.88	5.00	1.21	0.72	0.72	HC
2	08	852-020 ^	5	4	5/8	4.75	6.00	1.23	0.76	0.75	HC
2 1/2	08	852-025 ^	5	4	5/8	5.50	7.00	1.23	1.14	0.80	HC
3	08	852-030 ^	5	4	5/8	6.00	7.50	1.88	1.20	0.98	WEB
4	08	852-040 ^	5	8	5/8	7.50	9.00	1.99	1.30	1.24	WEB

Flange (Blind)

150 psi @ 73°F (10.3 bar @ 22.7°C)

HC = Honeycomb (Front)

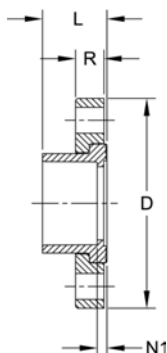


Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	R [inch]	Design
1/2	08	853-005	5	4	1/2	2.38	3.50	0.50	0.43	HC
3/4	08	853-007	5	4	1/2	2.75	3.88	0.50	0.44	HC
1	08	853-010	5	4	1/2	3.13	4.25	0.60	0.57	HC
1 1/4	08	853-012	5	4	1/2	3.50	4.63	0.63	0.56	HC
1 1/2	08	853-015	5	4	1/2	3.88	5.00	0.82	0.71	HC
2	08	853-020	5	4	5/8	4.75	6.00	0.92	0.74	HC
2 1/2	08	853-025	5	4	5/8	5.50	7.00	0.96	0.78	HC
3	08	853-030	5	4	5/8	6.00	7.50	1.03	0.89	HC
4	08	853-040	5	8	5/8	7.50	9.00	1.35	1.12	HC
6	08	853-060	2	8	3/4	9.50	11.00	1.49	1.27	HC
8	08	853-080	2	8	3/4	11.75	13.50	1.63	1.45	HC
10	05	853-100N *	1	12	1	14.25	16.00	1.00	1.00	SOLID
12	05	853-120N *	1	12	1	17.00	19.00	1.00	1.00	SOLID
14	05	853-140N *	1	12	1 1/8	18.75	21.00	1.00	1.00	SOLID
16	05	853-160N *	1	16	1 1/8	21.25	23.50	1.00	1.00	SOLID

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

+GF+



Flange - Van Stone (S)

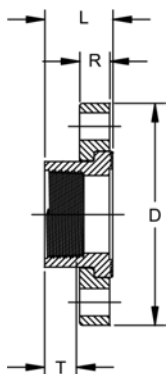
3" - 12" Have CPVC Ring

150 psi @ 73°F (10.3 bar @ 22.7°C)

14" & 16" 100 psi @ 73°F (6.9 bar @ 22.7°C)

HC = Honeycomb (Front)

Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	N1 [inch]	R [inch]	Design
½	08	854-005	5	4	½	2.38	3.50	1.03	0.11	0.57	HC
¾	08	854-007	5	4	½	2.75	3.88	1.15	0.13	0.58	HC
1	08	854-010	5	4	½	3.13	4.25	1.38	0.11	0.66	HC
1 ¼	08	854-012	5	4	½	3.50	4.63	1.45	0.14	0.69	HC
1 ½	08	854-015	5	4	½	3.88	5.00	1.59	0.15	0.76	HC
2	08	854-020	5	4	⅝	4.75	6.00	1.76	0.20	0.82	HC
2 ½	08	854-025	5	4	⅝	5.50	7.00	2.05	0.22	0.98	HC
3	08	854-030	5	4	⅝	6.00	7.50	2.25	0.30	1.02	HC
4	08	854-040	5	8	⅝	7.50	9.00	2.65	0.34	1.11	HC
6	08	854-060	2	8	¾	9.50	11.00	3.50	0.48	1.27	HC
8	08	854-080	2	8	¾	11.75	13.50	4.63	0.50	1.73	HC
10	02	854-100	2	12	⅞	14.25	16.00	5.63	0.50	1.73	HC
12	02	854-120	2	12	⅞	17.00	19.00	6.69	0.56	1.73	HC
14	05	854-140N *	1	12	1 ⅛	18.75	21.00	11.75	4.75	1.00	FAB
16	05	854-160N *	1	16	1 ⅛	21.25	23.50	13.50	5.50	1.00	FAB



Flange - Van Stone (FPT)

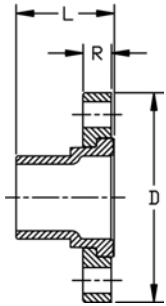
3" - 12" Have CPVC Ring

150 psi @ 73°F (10.3 bar @ 22.7°C)

HC = Honeycomb (Front)

Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	T [inch]	R [inch]	Design
½	08	855-005 ^	5	4	½	2.38	3.50	1.03	0.53	0.57	HC
¾	08	855-007 ^	5	4	½	2.75	3.88	1.15	0.55	0.58	HC
1	08	855-010 ^	5	4	½	3.13	4.25	1.38	0.68	0.66	HC
1 ¼	08	855-012 ^	5	4	½	3.50	4.63	1.45	0.71	0.69	HC
1 ½	08	855-015 ^	5	4	½	3.88	5.00	1.59	0.72	0.76	HC
2	08	855-020 ^	5	4	⅝	4.75	6.00	1.76	0.76	0.82	HC
2 ½	08	855-025 ^	5	4	⅝	5.50	7.00	2.05	1.14	0.98	HC
3	08	855-030 ^	5	4	⅝	6.00	7.50	2.25	1.20	1.02	HC
4	08	855-040 ^	5	8	⅝	7.50	9.00	2.65	1.30	1.11	HC

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable



Flange - Van Stone (SPG)

3" - 12" Have CPVC Ring
 150 psi @ 73°F (10.3 bar @ 22.7°C)
 HC = Honeycomb (Front)

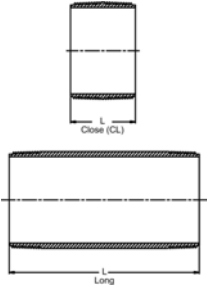
Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	R [inch]	Design	
½	08	856-005	5	4	½	2.38	3.50	1.65	0.57	HC	
¾	08	856-007	5	4	½	2.75	3.88	1.78	0.58	HC	
1	08	856-010	5	4	½	3.13	4.25	2.02	0.66	HC	
1 ¼	08	856-012	5	4	½	3.50	4.63	2.20	0.69	HC	
1 ½	08	856-015	5	4	½	3.88	5.00	2.40	0.76	HC	
2	08	856-020	5	4	⅝	4.75	6.00	2.72	0.82	HC	
2 ½	08	856-025	5	4	⅝	5.50	7.00	3.19	0.98	HC	
3	08	856-030	5	4	⅝	6.00	7.50	3.52	1.02	HC	
4	08	856-040	5	8	⅝	7.50	9.00	4.02	1.11	HC	
6	08	856-060	2	8	¾	9.50	11.00	5.00	1.37	HC	
8	08	856-080	1	8	¾	11.75	13.50	6.85	1.73	HC	
10	02	856-100	1	12	7/8	14.25	16.00	8.33	1.73	HC	
12	02	856-120	1	12	7/8	17.00	19.00	9.54	1.73	HC	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

+GF+

Nipple (MPT x MPT)

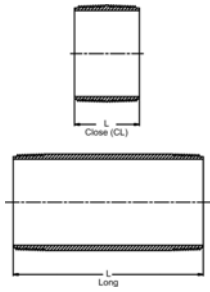


Size	P/L	Part No.	Pack Qty	L [inch]	
1/2 x CL	08	861-077 *	50	1.13	
1/2 x 2	08	861-079 *	50	2.00	
1/2 x 3	08	861-081 *	50	3.00	
1/2 x 4	08	861-082 *	50	4.00	
1/2 x 5	08	861-083 *	50	5.00	
1/2 x 6	08	861-084 *	50	6.00	
1/2 x 8	08	861-086 *	50	8.00	
1/2 x 10	08	861-087 *	50	10.00	
1/2 x 12	08	861-088 *	50	12.00	
3/4 x CL	08	861-104 *	25	1.38	
3/4 x 2	08	861-020 *	25	2.00	
3/4 x 3	08	861-106 *	25	3.00	
3/4 x 4	08	861-107 *	25	4.00	
3/4 x 5	08	861-108 *	25	5.00	
3/4 x 6	08	861-109 *	25	6.00	
3/4 x 8	08	861-110 *	25	8.00	
3/4 x 10	08	861-111 *	25	10.00	
3/4 x 12	08	861-112 *	25	12.00	
1 x CL	08	861-133 *	25	1.50	
1 x 2	08	861-134 *	25	2.00	
1 x 3	08	861-135 *	25	3.00	
1 x 4	08	861-136 *	25	4.00	
1 x 5	08	861-137 *	25	5.00	
1 x 6	08	861-138 *	25	6.00	
1 x 8	08	861-139 *	25	8.00	
1 x 10	08	861-140 *	25	10.00	
1 x 12	08	861-141 *	25	12.00	
1 1/4 x CL	08	861-170 *	25	1.63	
1 1/4 x 2	08	861-171 *	25	2.00	
1 1/4 x 3	08	861-172 *	25	3.00	
1 1/4 x 4	08	861-173 *	25	4.00	
1 1/4 x 5	08	861-174 *	25	5.00	
1 1/4 x 6	08	861-175 *	25	6.00	
1 1/4 x 8	08	861-176 *	25	8.00	
1 1/4 x 10	08	861-177 *	25	10.00	
1 1/4 x 12	08	861-178 *	25	12.00	
1 1/2 x CL	08	861-213 *	25	1.75	
1 1/2 x 2	08	861-214 *	25	2.00	
1 1/2 x 3	08	861-215 *	25	3.00	
1 1/2 x 4	08	861-216 *	25	4.00	
1 1/2 x 5	08	861-217 *	25	5.00	
1 1/2 x 6	08	861-218 *	25	6.00	
1 1/2 x 8	08	861-219 *	25	8.00	
1 1/2 x 10	08	861-220 *	25	10.00	
1 1/2 x 12	08	861-221 *	25	12.00	
2 x CL	08	861-251 *	25	2.00	
2 x 2 1/2	08	861-252 *	25	2.50	
2 x 3	08	861-253 *	25	3.00	
2 x 4	08	861-254 *	25	4.00	
2 x 5	08	861-255 *	25	5.00	
2 x 6	08	861-256 *	25	6.00	
2 x 8	08	861-257 *	25	8.00	
2 x 10	08	861-258 *	25	10.00	
2 x 12	08	861-259 *	25	12.00	
2 1/2 x CL	08	861-291 *	5	2.50	
2 1/2 x 3	08	861-292 *	5	3.00	
2 1/2 x 4	08	861-295 *	5	4.00	
2 1/2 x 5	08	861-296 *	5	5.00	

table continued next page

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable



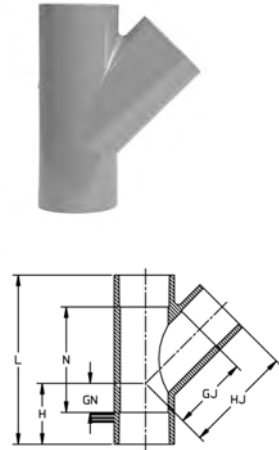
Size	P/L	Part No.	Pack Qty	L [inch]	
2 1/2 x 6	08	861-297 *	5	6.00	
2 1/2 x 8	08	861-298 *	5	8.00	
2 1/2 x 10	08	861-299 *	5	10.00	
2 1/2 x 12	08	861-300 *	5	12.00	
3 x CL	08	861-338 *	5	2.63	
3 x 3	08	861-340 *	5	3.00	
3 x 4	08	861-341 *	5	4.00	
3 x 5	08	861-342 *	5	5.00	
3 x 6	08	861-343 *	5	6.00	
3 x 8	08	861-344 *	5	8.00	
3 x 10	08	861-345 *	5	10.00	
3 x 12	08	861-346 *	5	12.00	
4 x CL	08	861-422 *	5	2.88	
4 x 4	08	861-423 *	5	4.00	
4 x 5	08	861-425 *	5	5.00	
4 x 6	08	861-426 *	5	6.00	
4 x 8	08	861-427 *	5	8.00	
4 x 10	08	861-428 *	5	10.00	
4 x 12	08	861-429 *	5	12.00	

45° Wye (S x S x S)

1-1/2" - 2" 235 psi @ 72°F (16.2 bar @ 22.7°C)

3" - 6" 150 psi @ 72°F (10.3 bar @ 22.7°C)

8" & Larger 100 psi @ 72°F (6.9 bar @ 22.7°C)



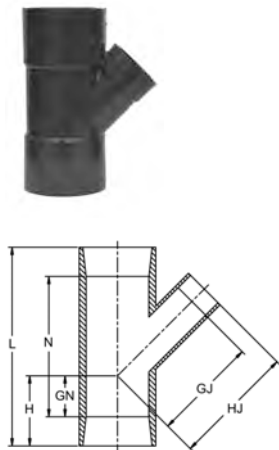
Size [inch]	P/L	Part No.	Pack Qty	GJ [inch]	GN [inch]	H [inch]	HJ [inch]	L [inch]	N [inch]	Design
1 1/2	08	870-015 *	20	2.41	0.69	2.06	3.75	5.81	3.06	SL
2	08	870-020	10	3.61	1.38	2.89	5.16	8.05	5.00	SL
3	08	870-030	4	4.85	1.91	3.81	6.75	10.46	6.65	SL
4	08	870-040	4	6.38	1.84	4.20	8.75	12.96	8.25	SL
6	08	870-060	2	8.50	1.81	4.86	11.59	16.50	10.39	HS
8	08	870-080 *	1	11.06	2.06	6.06	15.25	21.25	13.31	SL
10	05	875-100N *	1	19.75	5.50	10.50	24.75	31.75	21.75	FAB
12	05	875-120N *	1	22.75	6.50	12.50	28.75	37.50	25.50	FAB
14	05	875-140N *	1	26.00	7.00	14.00	33.00	41.75	27.75	FAB
16	05	875-160N *	1	29.00	7.75	15.75	37.00	47.25	31.25	FAB

Reducing 45° Wye (S x S x S)

2" 235 psi @ 72°F (16.2 bar @ 22.7°C)

3" - 6" 150 psi @ 72°F (10.3 bar @ 22.7°C)

8" 100 psi @ 72°F (6.9 bar @ 22.7°C)



Size [inch]	P/L	Part No.	Pack Qty	GJ [inch]	GN [inch]	H [inch]	HJ [inch]	L [inch]	N [inch]	Design
2 x 1 1/2	08	870-251FB *	10	4.01	1.38	2.89	5.41	8.05	5.00	BUSH
3 x 1 1/2	08	870-337FB *	4	5.77	1.66	3.55	7.28	10.46	6.63	BUSH
3 x 2	08	870-338FB *	4	5.72	1.66	3.55	7.28	10.46	6.63	BUSH
4 x 2	08	870-420FB *	4	7.53	1.84	4.20	9.10	12.96	8.25	BUSH
4 x 3	08	870-422FB *	4	7.15	1.84	4.20	9.14	12.96	8.25	BUSH
6 x 3	08	870-530FB *	2	9.95	1.87	4.91	12.09	16.50	10.39	BUSH
6 x 4	08	870-532	2	7.18	1.87	4.91	9.45	16.50	10.39	HS
8 x 4	08	870-582FB *	1	13.96	2.06	6.06	16.21	21.25	13.31	BUSH
8 x 6	08	870-585FB *	1	12.62	2.06	6.06	15.72	21.25	13.31	BUSH

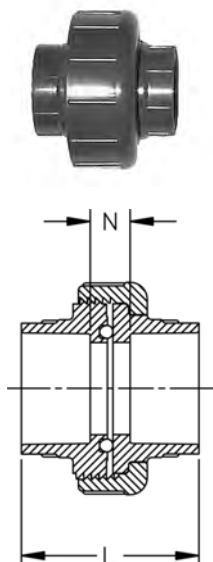
^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

+GF+

Union Type 375 (S x S)

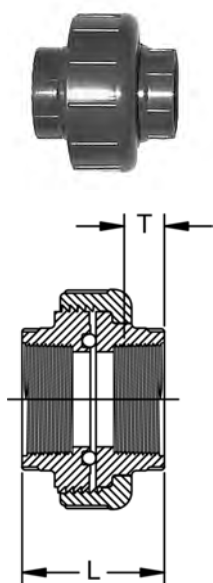
--Available Q2 2011--
150 psi @ 73°F (10.3 bar @ 22.7°C)



Size [inch]	P/L	EPDM Part No.	FPM Part No.	Pack Qty	L [inch]	N [inch]	
½	08	897-375-005	857-375-005	25	2.16	0.41	
¾	08	897-375-007	857-375-007	10	2.44	0.43	
1	08	897-375-010	857-375-010	5	2.66	0.53	
1 ¼	08	897-375-012	857-375-012	5	2.98	0.50	
1 ½	08	897-375-015	857-375-015	5	3.28	0.56	
2	08	897-375-020	857-375-020	2	3.53	0.57	

Union Type 375 (FPT X FPT)

--Available Q2 2011--
150 psi @ 73°F (10.3 bar @ 22.7°C)

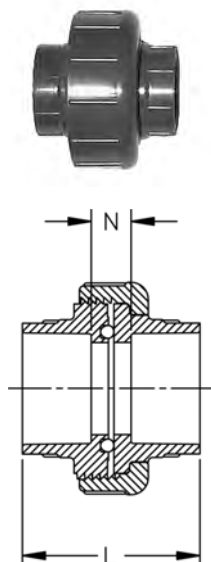


Size [inch]	P/L	EPDM Part No.	FPM Part No.	Pack Qty	L [inch]	T [inch]	
½	08	898-375-005	858-375-005	25	2.03	0.53	
¾	08	898-375-007	858-375-007	10	2.11	0.55	
1	08	898-375-010	858-375-010	5	2.56	0.68	
1 ¼	08	898-375-012	858-375-012	5	2.79	0.71	
1 ½	08	898-375-015	858-375-015	5	2.72	0.72	
2	08	898-375-020	858-375-020	2	2.89	0.76	

Union (S x S)

To be DISCONTINUED in 2012

150 psi @ 73°F (10.3 bar @ 22.7°C)

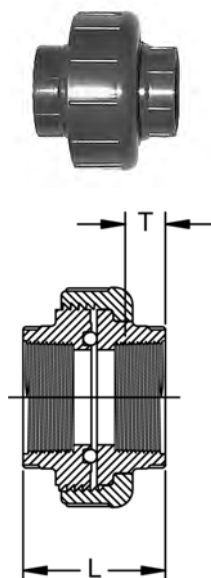


Size [inch]	P/L	EPDM Part No.	FPM Part No.	Pack Qty	L [inch]	N [inch]	
1/4	08	897-002 *	857-002 *	25	1.61	0.31	
3/8	08	897-003 *	857-003 *	25	1.91	0.35	
1/2	08	897-005 *	857-005 *	25	2.31	0.56	
3/4	08	897-007 *	857-007 *	10	2.62	0.57	
1	08	897-010 *	857-010 *	5	2.91	0.62	
1 1/4	08	897-012 *	857-012 *	5	3.25	0.64	
1 1/2	08	897-015 *	857-015 *	5	3.38	0.70	
2	08	897-020 *	857-020 *	2	3.81	0.77	
3	08	897-030 *	857-030 *	1	4.75	0.99	
4	08	897-040 *	857-040 *	1	5.72	1.14	

Union (FPT X FPT)

To be DISCONTINUED in 2012

150 psi @ 73°F (10.3 bar @ 22.7°C)



Size [inch]	P/L	EPDM Part No.	FPM Part No.	Pack Qty	L [inch]	T [inch]	
1/4	08	898-002 *	858-002 *	25	1.63	0.40	
3/8	08	898-003 *	858-003 *	25	1.58	0.41	
1/2	08	898-005 *	858-005 *	25	2.03	0.53	
3/4	08	898-007 *	858-007 *	10	2.11	0.55	
1	08	898-010 *	858-010 *	5	2.56	0.68	
1 1/4	08	898-012 *	858-012 *	5	2.79	0.71	
1 1/2	08	898-015 *	858-015 *	5	2.72	0.72	
2	08	898-020 *	858-020 *	2	2.89	0.76	
3	08	898-030 *	858-030 *	1	4.69	1.20	
4	08	898-040 *	858-040 *	1	5.62	1.30	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

+GF+

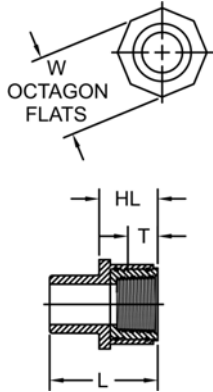
Schedule 80 PVC Metal Transition Fittings

PVC-to-Brass Transition Fittings (SPG x FPT)

150 psi @ 73°F (10.3 bar @ 22.7°C)



Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	T [inch]	W [inch]	
½	33	878-005BR	25	1.02	1.76	0.53	1.25	
¾	33	878-007BR	15	1.09	2.08	0.55	1.50	
1	33	878-010BR	15	1.33	2.45	0.68	1.88	
1 ¼	33	878-012BR	15	1.39	2.51	0.71	2.25	
1 ½	33	878-015BR	10	1.45	2.76	0.72	2.56	
2	33	878-020BR	5	1.44	2.82	0.76	3.31	



PVC-to-316 SS Transition Fittings (SPG x FPT)

150 psi @ 73°F (10.3 bar @ 22.7°C)

Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	T [inch]	W [inch]	
½	33	878-005SS	25	1.02	1.76	0.53	1.25	
¾	33	878-007SS	15	1.09	2.08	0.55	1.50	
1	33	878-010SS	15	1.33	2.45	0.68	1.88	
1 ¼	33	878-012SS	15	1.39	2.51	0.71	2.25	
1 ½	33	878-015SS	10	1.45	2.76	0.72	2.56	
2	33	878-020SS	5	1.44	2.82	0.76	3.31	



Metal Union End Connectors Type 375 (316 SS)



--Available Q2 2011--
 150 psi @ 73°F (10.3 bar @ 22.7°C)
 Union Sold Separately

Size [inch]	P/L	Part No.	Pack Qty	
1/2	33	1694-375-005 *	1	
3/4	33	1694-375-007 *	1	
1	33	1694-375-010 *	1	
1 1/4	33	1694-375-012 *	1	
1 1/2	33	1694-375-015 *	1	
2	33	1694-375-020 *	1	



Metal Union End Connectors (316 SS)

To be DISCONTINUED in 2012
 150 psi @ 73°F (10.3 bar @ 22.7°C)
 Union Sold Separately

Size [inch]	P/L	Part No.	Pack Qty	
1/2	33	1694-005 *	1	
3/4	33	1694-007 *	1	
1	33	1694-010 *	1	
1 1/4	33	1694-012 *	1	
1 1/2	33	1694-015 *	1	
2	33	1694-020 *	1	

^ = 40% Restock Charge
 * = Non-Cancelable/Non-Returnable

Schedule 80 PVC Expansion Joints

Expansion Joint 6" Travel (S x S)

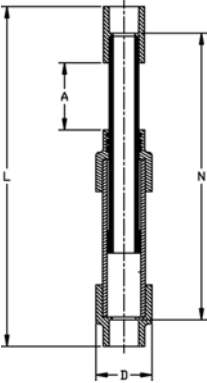
To order SxSPG add "P" to end of part number.
To order FxF add "F" to end of part number.



Size [inch]	P/L	EPDM Part No.	FPM Part No.	A [inch]	D [inch]	L [inch]	N [inch]	
1/2	34	826-005X6 *	836-005X6 *	3.00	1.85	13.93	12.06	
3/4	34	826-007X6 *	836-007X6 *	3.00	2.23	14.40	12.46	
1	34	826-010X6 *	836-010X6 *	3.00	2.50	15.02	12.58	
1 1/4	34	826-012X6 *	836-012X6 *	3.00	2.50	15.81	13.05	
1 1/2	34	826-015X6 *	836-015X6 *	3.00	3.50	16.08	13.13	
2	34	826-020X6 *	836-020X6 *	3.00	4.39	18.10	14.88	
3	34	826-030X6 *	836-030X6 *	3.00	5.53	19.83	15.79	
4	34	826-040X6 *	836-040X6 *	3.00	7.93	27.56	23.01	
6	34	826-060X6 *	836-060X6 *	3.00	9.97	27.88	21.75	

Expansion Joint 12" Travel (S x S)

To order SxSPG add "P" to end of part number.
To order FxF add "F" to end of part number.



Size [inch]	P/L	EPDM Part No.	FPM Part No.	A [inch]	D [inch]	L [inch]	N [inch]	
1/2	34	826-005X12 *	836-005X12 *	6.00	1.85	22.93	21.06	
3/4	34	826-007X12 *	836-007X12 *	6.00	2.23	23.40	21.46	
1	34	826-010X12 *	836-010X12 *	6.00	2.50	24.02	21.58	
1 1/4	34	826-012X12 *	836-012X12 *	6.00	2.50	24.81	22.05	
1 1/2	34	826-015X12 *	836-015X12 *	6.00	3.50	25.08	22.13	
2	34	826-020X12 *	836-020X12 *	6.00	4.39	27.10	23.88	
3	34	826-030X12 *	836-030X12 *	6.00	5.53	28.83	24.79	
4	34	826-040X12 *	836-040X12 *	6.00	7.93	36.56	32.01	
6	34	826-060X12 *	836-060X12 *	6.00	9.97	36.88	30.75	

GF Piping Systems

PVC Pressure Piping System Specification Submittal Data Sheet Schedule 80 Pipe and Fittings

Pipe

Pipe will be manufactured to the dimensions and tolerances of ASTM D1785. Belled end pipe bells shall be manufactured to the dimensions and tolerances of ASTM D2672. The PVC material shall be Type I, Grade I with a cell classification of 12454 and conform to ASTM D1784. The pipe will conform to NSF 14 & 61, CSA B137.3, and UPC® standards.

- ☐ PVC Sch.80 Type I, Group I Plain End Pipe - 20 ft. Lengths
- ☐ PVC Sch.80 Type I, Group I Belled End Pipe - 20 ft. Lengths

Fittings

Socket type molded fittings will be manufactured to the dimensions and tolerances of ASTM D2467. Threaded type (NPT) molded fittings will be manufactured to the dimensions and tolerances of ASTM D2464 and meet the requirements of ANSI/ASME B 1.20.1. Flanges shall meet the O.D. and bolt hole patterns as specified in ANSI/ASME B 16.5. The PVC material shall be Type I, Grade I with a cell classification of 12454 and conform to ASTM D1784. The fittings will conform to NSF 14 & 61, and UPC® standards.

- ☐ PVC Sch.80 Type I, Grade I Socket Type
- ☐ PVC Sch.80 Type I, Grade I Threaded Type
- ☐ PVC Sch.80 Type I, Grade I Flange Type

Job Name: _____

Job Location: _____

Engineer: _____

Contractor: _____

Representative: _____



GEORG FISCHER
PIPING SYSTEMS