



## Vinyl Piping Systems

Product Range  
April 2013

Schedule 80 PVC

Schedule 40 and 80 CPVC

Schedule 40 PVC

Schedule 40 and 80 Clear PVC

Harvel Specialty Pipe

Extruded Shapes



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**GEORG FISCHER**  
PIPING SYSTEMS

## Other Price Lists Available from GF Piping Systems



### Engineered Piping Systems

PROGEF® Standard PP  
PROGEF® Natural PP  
PPro-Seal™ Natural PP  
SYGEF® PVDF  
FUSEAL®  
Double-See™  
Contain-It™  
Fusion Technology

### Valves and Instrumentation

Manual Valves  
Actuated Valves  
Pressure Regulating Valves  
Rotameters  
Signet Instrumentation

### Metric-To-Inch Conversion Chart

16 mm = 5/8"	75 mm = 2 1/2"	315 mm = 12"
20 mm = 1/2"	90 mm = 3"	355 mm = 14"
25 mm = 3/4"	110 mm = 4"	400 mm = 16"
32 mm = 1"	160 mm = 6"	450 mm = 18"
40 mm = 1 1/4"	200 mm = 8"	500 mm = 20"
50 mm = 1 1/2"	225 mm = 9"	
63 mm = 2"	250 mm = 10"	

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# VINYL PIPING SYSTEMS



Section 1  
Schedule 80 PVC Piping System



Section 2  
Schedule 40 and Schedule 80 CPVC Piping Systems



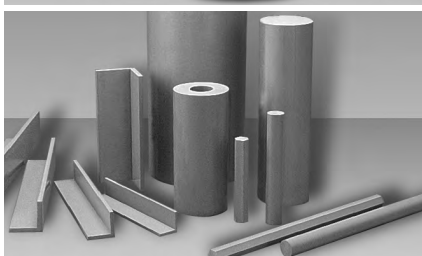
Section 3  
Schedule 40 PVC Piping System



Section 4  
Clear PVC Piping System



Section 5  
Specialty Pipe



Section 6  
Extruded Shapes and Rods



# Section 1

## Schedule 80 PVC Piping System

Effective August 27, 2012



P0800878

## Pipe and Fittings Sizes 1/8" to 24"



## Glossary





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

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 Harvel Engineering and Installation Guide available online at [www.gfpiping.com/resource.html](http://www.gfpiping.com/resource.html) [see "Technical Docs"] or by calling (800) 854-4090.

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

# Schedule 80 PVC Piping Systems

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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)

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 :  $\pm 0.03$

D Outside Diameter :  $\pm 0.06$

G, G1 Intersections of centerlines to bottom of socket; 90° Ells, Tees : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

GJ, GN Intersections of centerlines to bottom of socket; 45° Wyes : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

H, HJ, HN Intersections of centerlines to face of fitting; 90° Ells, 45° Ells, Tees, 45° Wyes : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

HL Socket Bottom to Face of Fitting : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

J Intersections of centerlines to bottom of socket; 45° & 30° Ells : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

L Overall Length of fitting :  $\pm 0.06$

N Socket Bottom to Socket Bottom; Couplings, Unions :  $\pm 0.06$

N1 Socket Bottom to Face of Flange :  $\pm 0.06$

R Thickness on Plugs, Flanges :  $\pm 0.03$

T, T1 Effective Thread Length : Reference Only

W Height of Cap :  $\pm 0.06$

## Fabricated Dimension Tolerances

D Outside Diameter :  $\pm 0.50$

E Drive Pin Diameter :  $\pm 0.50$

G, G1 Intersections of centerlines to bottom of socket; 90° Ells, Tees, Crosses :  $\pm 0.25$

GJ, GN Intersections of centerlines to bottom of socket; 45° Wyes :  $\pm 0.25$

H, HJ, HN Intersections of centerlines to face of fitting; 90° Ells, 45° Ells, Tees, 45° Wyes, True Wyes :  $\pm 0.50$

HL Socket Bottom to Face of Fitting :  $\pm 0.25$

J Intersections of centerlines to bottom of socket; 11¼°, 15°, 30°, 22½°, 45° Ells, True Wyes :  $\pm 0.25$

L Overall Length of fitting :  $\pm 0.50$

N Socket Bottom to Socket Bottom; Couplings :  $\pm 0.50$

N1 Socket Bottom to Face of Flange :  $\pm 0.50$

R Thickness on Plugs, Flanges :  $\pm 0.25$

T, T1 Effective Thread Length : Reference Only

W Height of Cap :  $\pm 0.25$

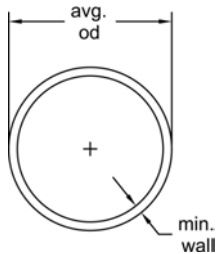


# Schedule 80 PVC Piping Systems

## Harvel® PVC Pressure Pipe

### Plain End Pipe - 20 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints



Pipe Size [inch]	Part No.
¼	H0800013PG2000 *
¼	H0800025PG2000 *
¾	H0800038PG2000 *
½	H0800050PG2000 *
¾	H0800075PG2000 *
1	H0800100PG2000 *
1 ¼	H0800125PG2000 *
1 ½	H0800150PG2000 *
2	H0800200PG2000 *
2 ½	H0800250PG2000 *
3	H0800300PG2000 *
3 ½	H0800350PG2000 *
4	H0800400PG2000 *
5	H0800500PG2000 *
6	H0800600PG2000 *
8	H0800800PG2000 *
10	H0801000PG2000 *
12	H0801200PG2000 *
14	H0801400PG2000 *
16	H0801600PG2000 *
18	H0801800PG2000 *
20	H0802000PG2000 *
24	H0802400PG2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
¼		0.405	0.203	0.095	0.058	1230
¼		0.540	0.288	0.119	0.100	1130
¾		0.675	0.407	0.126	0.138	920
½	5700	0.840	0.528	0.147	0.202	850
¾	5260	1.050	0.724	0.154	0.273	690
1	4280	1.315	0.935	0.179	0.402	630
1 ¼	2360	1.660	1.256	0.191	0.554	520
1 ½	2060	1.900	1.476	0.200	0.673	470
2	1660	2.375	1.913	0.218	0.932	400
2 ½	1080	2.875	2.289	0.276	1.419	420
3	840	3.500	2.864	0.300	1.903	370
3 ½	520	4.000	3.326	0.318	2.322	350
4	400	4.500	3.786	0.337	2.782	320
5	340	5.563	4.767	0.375	3.867	290
6	220	6.625	5.709	0.432	5.313	280
8	140	8.625	7.565	0.500	8.058	250
10	100	10.750	9.492	0.593	11.956	230
12	100	12.750	11.294	0.687	16.437	230
14	60	14.000	12.410	0.750	19.790	220
16	60	16.000	14.214	0.843	25.430	220
18	40	18.000	16.014	0.937	31.830	220
20	40	20.000	17.814	1.031	40.091	220
24	40	24.000	21.418	1.218	56.882	210

^ = 40% Restock Charge

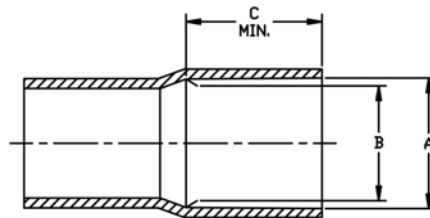
\* = Non-Cancelable/Non-Returnable

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# Schedule 80 PVC Piping Systems

## Belled End Pipe - 20 ft lengths Dimensions Identical to Plain End Pipe

Pipe Size [inch]	Part No.	A-Socket Entrance (Belled Pipe)	B-Socket- et Bottom (Belled Pipe)	C-Min. (Belled Pipe)
½	H0800050PG200B *	0.848±0.004	0.836±0.004	1.000
¾	H0800075PG200B *	1.058±0.004	1.046±0.004	1.250
1	H0800100PG200B *	1.325±0.005	1.310±0.005	1.500
1 ¼	H0800125PG200B *	1.678±0.002	1.653±0.005	1.870
1 ½	H0800150PG200B *	1.910±0.004	1.884±0.004	2.000
2	H0800200PG200B *	2.387±0.006	2.369±0.006	2.250
2 ½	H0800250PG200B *	2.889±0.007	2.868±0.007	2.500
3	H0800300PG200B *	3.516±0.008	3.492±0.008	3.250
4	H0800400PG200B *	4.518±0.009	4.491±0.009	4.000
5	H0800500PG200B *	5.583±0.010	5.553±0.010	4.000
6	H0800600PG200B *	6.647±0.011	6.614±0.011	6.000
8	H0800800PG200B *	8.655±0.015	8.610±0.015	6.000
10	H0801000PG200B *	10.776±0.015	10.737±0.015	8.000
12	H0801200PG200B *	12.778±0.015	12.736±0.015	8.500
14	H0801400PG200B *	14.038±0.008	13.993±0.008	9.000
16	H0801600PG200B *	16.045±0.008	15.993±0.008	10.000
18	H0801800PG200B *	18.049±0.008	17.993±0.008	12.000
20	H0802000PG200B *	20.053±0.007	19.993±0.008	12.000
24	H0802400PG200B *	24.068±0.008	24.008±0.008	14.000

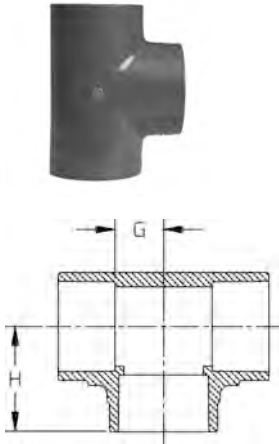


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# Schedule 80 PVC Piping Systems

## Schedule 80 PVC Pressure Fittings

### Tee (S x S x S)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	G [inch]	Design	
1/4	08	801-002 *	50	0.92	0.29	HS	
3/8	08	801-003 *	50	1.16	0.40	HS	
1/2	08	801-005	25	1.49	0.50	SL	
3/4	08	801-007	25	1.61	0.56	SL	
1	08	801-010	20	1.86	0.72	SL	
1 1/4	08	801-012	10	2.19	0.91	SL	
1 1/2	08	801-015	10	2.44	1.06	SL	
2	08	801-020	10	2.78	1.29	SL	
2 1/2	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	
18	05	801-180N *	1	26.00	13.38	FAB	
20	05	801-200N *	1	28.25	14.63	FAB	
24	05	801-240N *	1	34.50	17.13	FAB	

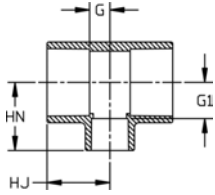
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# Schedule 80 PVC Piping Systems

## Reducing Tee (S x S x S)

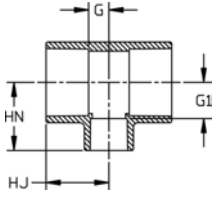


Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	G1 [inch]	Design
¾ x ½	08	<b>801-101</b>	25	1.63	1.63	0.61	0.73	SL
1 x ½	08	<b>801-130</b>	25	1.88	1.63	0.73	0.75	SL
1 x ¾	08	<b>801-131</b>	20	1.88	1.87	0.73	0.86	SL
1 ¼ x 1	08	<b>801-168</b>	20	2.00	2.00	0.73	0.91	SL
1 ½ x ½	08	<b>801-209</b>	5	1.91	1.93	0.54	1.05	SL
1 ½ x ¾	08	<b>801-210</b>	5	2.00	2.00	0.61	1.05	SL
1 ½ x 1	08	<b>801-211</b>	5	2.13	2.20	0.73	0.81	SL
2 x ½	08	<b>801-247</b>	5	2.04	2.19	0.53	1.30	SL
2 x ¾	08	<b>801-248</b>	5	2.13	2.31	0.73	1.29	SL
2 x 1	08	<b>801-249</b>	5	2.25	2.44	0.73	1.26	SL
2 x 1 ¼	08	<b>801-250FB *</b>	5	2.78	3.11	1.29	1.85	BUSH
2 x 1 ½	08	<b>801-251</b>	5	2.56	2.69	1.05	1.29	SL
2 ½ x 2	08	<b>801-292</b>	5	3.04	3.03	1.28	1.53	SL
3 x 2	08	<b>801-338</b>	5	3.21	3.40	1.31	1.87	SL
4 x ¾	08	<b>801-416FB *</b>	5	3.52	4.18	1.26	3.15	BUSH
4 x 1 ½	08	<b>801-419FB *</b>	5	3.52	4.16	1.26	2.77	BUSH
4 x 2	08	<b>801-420</b>	5	3.52	3.88	1.26	2.37	SL
4 x 3	08	<b>801-422</b>	5	4.15	4.31	1.87	2.39	SL
6 x 2	08	<b>801-528FB *</b>	2	6.58	7.21	3.56	5.65	BUSH
6 x ¾	08	<b>801-524FB *</b>	2	6.58	7.46	3.49	6.43	BUSH
6 x 3	08	<b>801-530FB *</b>	2	6.58	7.21	3.49	5.26	BUSH
6 x 4	08	<b>801-532</b>	2	6.58	6.81	3.49	4.50	HS
8 x 4	08	<b>801-582FB *</b>	1	7.63	8.09	3.59	5.84	BUSH
8 x 6	08	<b>801-585</b>	1	7.63	7.52	3.59	4.50	SL
10 x 2	05	<b>801-619N *</b>	1	10.75	11.50	5.75	9.50	FAB
10 x 3	05	<b>801-621N *</b>	1	10.75	11.50	5.75	9.50	FAB
10 x 4	05	<b>801-623N *</b>	1	10.75	11.50	5.75	9.50	FAB
10 x 6	05	<b>801-626N *</b>	1	11.88	12.50	6.88	9.50	FAB
10 x 6	02	<b>801-626FB *</b>	1	10.85	11.98	5.75	8.88	BUSH
10 x 8	05	<b>801-628N *</b>	1	13.00	13.50	8.00	9.50	FAB
10 x 8	02	<b>801-628FB *</b>	1	10.85	11.41	5.75	7.32	BUSH
12 x 2	05	<b>801-659N *</b>	1	12.00	12.75	6.00	10.75	FAB
12 x 3	05	<b>801-661N *</b>	1	12.00	12.75	6.00	10.75	FAB
12 x 4	05	<b>801-663N *</b>	1	12.00	12.75	6.00	10.75	FAB
12 x 6	05	<b>801-666N *</b>	1	13.13	13.75	7.13	10.75	FAB
12 x 8	05	<b>801-668N *</b>	1	14.13	14.75	8.13	10.75	FAB
12 x 8	02	<b>801-668FB *</b>	1	13.00	13.69	6.81	9.25	BUSH
12 x 10	05	<b>801-670N *</b>	1	15.13	15.75	9.13	10.75	FAB
12 x 10	02	<b>801-670FB *</b>	1	13.00	13.53	6.81	8.44	BUSH
14 x 2	05	<b>801-692N *</b>	1	13.13	13.50	6.13	11.50	FAB
14 x 3	05	<b>801-694N *</b>	1	13.13	13.50	6.13	11.50	FAB
14 x 4	05	<b>801-696N *</b>	1	13.13	13.50	6.13	11.50	FAB
14 x 6	05	<b>801-698N *</b>	1	14.25	14.50	7.25	11.50	FAB
14 x 8	05	<b>801-700N *</b>	1	15.25	15.50	8.25	11.50	FAB
14 x 10	05	<b>801-702N *</b>	1	16.25	16.50	9.25	11.50	FAB
14 x 12	05	<b>801-704N *</b>	1	17.25	18.50	10.25	12.50	FAB
16 x 2	05	<b>801-726N *</b>	1	14.38	14.75	6.38	12.75	FAB
16 x 3	05	<b>801-728N *</b>	1	14.38	14.75	6.38	12.75	FAB
16 x 4	05	<b>801-730N *</b>	1	14.38	14.75	6.38	12.75	FAB
16 x 6	05	<b>801-732N *</b>	1	15.50	15.75	7.50	12.75	FAB
16 x 8	05	<b>801-734N *</b>	1	16.50	16.75	8.50	12.75	FAB
16 x 10	05	<b>801-736N *</b>	1	17.50	17.75	9.50	12.75	FAB
16 x 12	05	<b>801-738N *</b>	1	18.50	19.75	10.50	13.75	FAB
16 x 14	05	<b>801-740N *</b>	1	19.13	20.75	11.13	13.75	FAB
18 x 4	05	<b>801-784N *</b>	1	15.63	16.00	6.63	14.00	FAB

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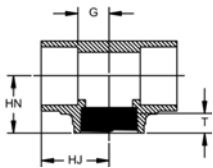
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# Schedule 80 PVC Piping Systems



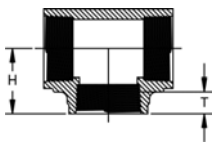
Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	G1 [inch]	Design
18 x 6	05	801-786N *	1	16.75	17.00	7.75	14.00	FAB
18 x 8	05	801-788N *	1	17.75	18.00	8.75	14.00	FAB
18 x 10	05	801-790N *	1	18.75	19.00	9.75	14.00	FAB
18 x 12	05	801-792N *	1	19.75	21.00	10.75	15.00	FAB
18 x 14	05	801-794N *	1	20.38	22.00	11.38	15.00	FAB
18 x 16	05	801-796N *	1	21.38	24.00	12.38	16.00	FAB
20 x 4	05	801-814N *	1	16.88	17.25	6.88	15.25	FAB
20 x 6	05	801-816N *	1	18.00	18.25	8.00	15.25	FAB
20 x 8	05	801-818N *	1	19.00	19.25	9.00	15.25	FAB
20 x 10	05	801-820N *	1	20.00	20.25	10.00	15.25	FAB
20 x 12	05	801-822N *	1	21.00	22.25	11.00	16.25	FAB
20 x 14	05	801-824N *	1	21.63	23.25	11.63	16.25	FAB
20 x 16	05	801-826N *	1	22.63	25.25	12.63	17.25	FAB
20 x 18	05	801-828N *	1	23.63	27.25	13.63	18.25	FAB
24 x 4	05	801-904N *	1	19.38	19.50	7.38	17.50	FAB
24 x 6	05	801-906N *	1	20.50	20.50	8.50	17.50	FAB
24 x 8	05	801-908N *	1	21.50	21.50	9.50	17.50	FAB
24 x 10	05	801-910N *	1	22.50	22.50	10.50	17.50	FAB
24 x 12	05	801-912N *	1	23.50	24.50	11.50	18.50	FAB
24 x 14	05	801-914N *	1	24.13	25.50	12.13	18.50	FAB
24 x 16	05	801-916N *	1	25.13	27.50	13.13	19.50	FAB
24 x 18	05	801-918N *	1	26.13	30.50	14.13	20.50	FAB
24 x 20	05	801-920N *	1	27.13	32.50	15.13	20.50	FAB

## Tee (S x S x FPT)



Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	T [inch]	Design
1/2	08	802-005	25	1.39	1.39	0.52	0.53	HS
3/4	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 1/2	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
1/4	08	805-002 *	50	0.92	0.40	HS
3/8	08	805-003 *	50	1.16	0.41	HS
1/2	08	805-005 ^	25	1.27	0.53	HS
3/4	08	805-007 ^	25	1.38	0.55	HS
1	08	805-010 ^	15	1.70	0.68	HS
1 1/4	08	805-012 ^	10	1.93	0.71	HS
1 1/2	08	805-015 ^	5	2.08	0.72	HS
2	08	805-020 ^	5	2.35	0.76	HS
2 1/2	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

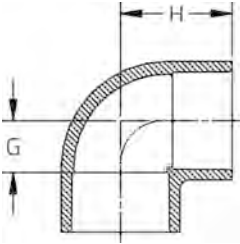
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

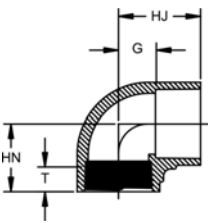
# Schedule 80 PVC Piping Systems

## 90° EII (S x S)



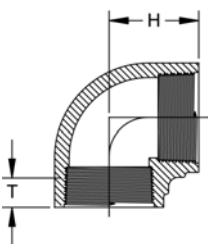
Size [inch]	P/L	Part No.	Pack Qty	H [inch]	G [inch]	Design
¼	08	806-002 *	50	0.95	0.33	HS
⅜	08	806-003 *	50	1.17	0.41	HS
½	08	806-005	25	1.41	0.50	SL
¾	08	806-007	25	1.61	0.56	SL
1	08	806-010	10	1.86	0.69	SL
1 ¼	08	806-012	10	2.16	0.91	SL
1 ½	08	806-015	10	2.41	1.03	SL
2	08	806-020	20	2.78	1.28	SL
2 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	26.00	19.00	FAB
16	05	806-160N *	1	29.75	21.75	FAB
18	05	806-180N *	1	33.50	24.50	FAB
20	05	806-200N *	1	37.25	27.25	FAB
24	05	806-240N *	1	44.75	32.75	FAB

## 90° EII (S x FPT)



Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	T [inch]	Design
½	08	807-005	25	1.80	1.28	0.50	0.53	HS
¾	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 ¼	08	807-012	10	2.16	1.93	0.91	0.71	HS
1 ½	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)

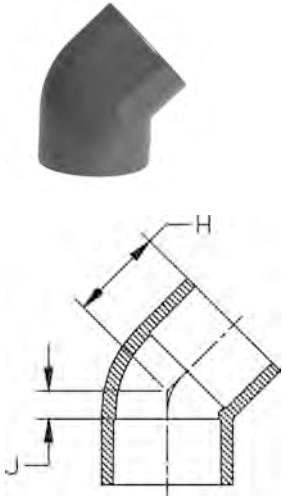


Size [inch]	P/L	Part No.	Pack Qty	H [inch]	T [inch]	Design
¼	08	808-002 *	50	0.92	0.40	HS
⅜	08	808-003 *	50	1.00	0.41	HS
½	08	808-005 ^	25	1.29	0.53	HS
¾	08	808-007 ^	25	1.38	0.55	HS
1	08	808-010 ^	10	1.70	0.68	HS
1 ¼	08	808-012 ^	10	1.93	0.71	HS
1 ½	08	808-015 ^	10	2.06	0.72	HS
2	08	808-020 ^	5	2.36	0.76	HS
2 ½	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

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

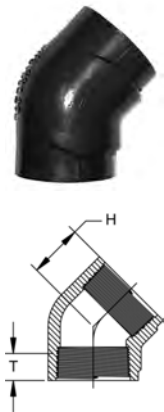
# Schedule 80 PVC Piping Systems

## 45° EII (S x S)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	J [inch]	Design
¼	08	817-002 *	50	0.81	0.13	HS
⅜	08	817-003 *	50	0.94	0.19	HS
½	08	817-005	25	1.21	0.25	SL
¾	08	817-007	20	1.32	0.33	SL
1	08	817-010	25	1.47	0.29	SL
1 ¼	08	817-012	15	1.70	0.40	SL
1 ½	08	817-015	10	1.88	0.44	SL
2	08	817-020	5	2.16	0.60	SL
2 ½	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	10.25	3.25	FAB
16	05	817-160N *	1	11.75	3.75	FAB
18	05	817-180N *	1	13.25	4.25	FAB
20	05	817-200N *	1	14.75	4.75	FAB
24	05	817-240N *	1	17.75	5.75	FAB

## 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

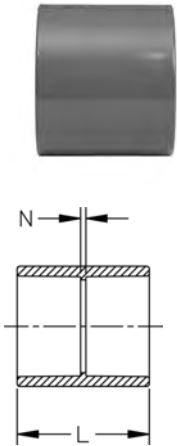
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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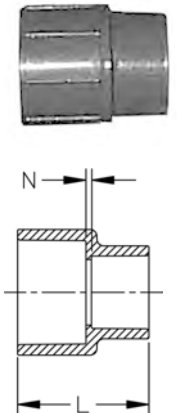
# Schedule 80 PVC Piping Systems

## Coupling (S x S)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design	
¼	08	<b>829-002 *</b>	50	1.39	0.14	HS	
⅜	08	<b>829-003 *</b>	50	1.64	0.14	HS	
½	08	<b>829-005</b>	25	1.93	0.13	SL	
¾	08	<b>829-007</b>	20	2.18	0.13	SL	
1	08	<b>829-010</b>	25	2.41	0.13	SL	
1 ¼	08	<b>829-012</b>	10	2.64	0.12	SL	
1 ½	08	<b>829-015</b>	10	2.90	0.13	SL	
2	08	<b>829-020</b>	20	3.14	0.12	SL	
2 ½	08	<b>829-025</b>	5	3.75	0.16	SL	
3	08	<b>829-030</b>	5	4.05	0.25	SL	
4	08	<b>829-040</b>	5	4.79	0.25	SL	
6	08	<b>829-060</b>	2	6.41	0.34	SL	
8	08	<b>829-080</b>	2	8.40	0.34	SL	
10	02	<b>829-100</b>	2	10.55	0.49	SL	
12	02	<b>829-120</b>	1	12.54	0.50	SL	
14	05	<b>829-140N *</b>	1	17.75	3.75	FAB	
16	05	<b>829-160N *</b>	1	20.25	4.25	FAB	
18	05	<b>829-180N *</b>	1	22.75	4.75	FAB	
20	05	<b>829-200N *</b>	1	25.25	5.25	FAB	
24	05	<b>829-240N *</b>	1	30.25	6.25	FAB	

## Reducing Coupling (S x S)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design	
¾ x ½	08	<b>829-101</b>	20	2.16	0.14	HS	
1 x ½	08	<b>829-130</b>	25	2.12	0.09	HS	
1 x ¾	08	<b>829-131</b>	25	2.26	0.12	HS	
1 ¼ x 1	08	<b>829-168</b>	10	2.54	0.09	HS	
1 ½ x ½	08	<b>829-209FB *</b>	10	3.34	0.17	BUSH	
1 ½ x ¾	08	<b>829-210</b>	10	3.34	0.17	BUSH	
1 ½ x 1	08	<b>829-211</b>	10	2.66	0.10	HS	
1 ½ x 1 ¼	08	<b>829-212</b>	10	2.82	0.10	HS	
2 x ½	08	<b>829-247FB *</b>	5	3.35	0.88	BUSH	
2 x ¾	08	<b>829-248FB *</b>	5	3.36	0.77	BUSH	
2 x 1	08	<b>829-249</b>	5	3.12	0.33	HS	
2 x 1 ¼	08	<b>829-250</b>	5	3.00	0.13	HS	
2 x 1 ½	08	<b>829-251</b>	5	3.05	0.10	HS	
2 ½ x 1 ½	08	<b>829-291</b>	5	3.30	0.13	HS	
2 ½ x 2	08	<b>829-292FB *</b>	5	4.00	0.65	BUSH	
3 x 1 ½	08	<b>829-337FB *</b>	5	4.55	1.16	BUSH	
3 x 2	08	<b>829-338</b>	5	3.61	0.16	HS	
3 x 2 ½	08	<b>829-339FB *</b>	5	4.49	0.76	BUSH	
4 x 2	08	<b>829-420FB *</b>	5	4.94	1.12	BUSH	
4 x 3	08	<b>829-422</b>	5	4.39	0.26	HS	
6 x 4	08	<b>829-532</b>	2	10.25	3.50	HS	
8 x 4	08	<b>829-582FB *</b>	2	9.77	3.42	BUSH	
8 x 6	08	<b>829-585</b>	2	9.26	2.07	HS	
10 x 4	05	<b>829-623N *</b>	1	14.00	10.00	FAB	
10 x 6	05	<b>829-626N *</b>	1	13.25	5.25	FAB	
10 x 6	02	<b>829-626FB *</b>	1	10.96	2.90	BUSH	
10 x 8	05	<b>829-628N *</b>	1	12.75	3.75	FAB	
10 x 8	02	<b>829-628FB *</b>	2	11.18	2.07	BUSH	
12 x 8	05	<b>829-668N *</b>	1	15.50	5.50	FAB	
12 x 8	02	<b>829-668FB *</b>	1	13.40	2.97	BUSH	

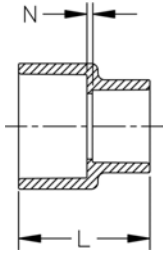
table continued next page

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable



# Schedule 80 PVC Piping Systems



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design
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
18 x 4	05	829-784N *	1	48.50	37.50	FAB
18 x 6	05	829-786N *	1	36.00	24.00	FAB
18 x 8	05	829-788N *	1	42.50	29.50	FAB
18 x 10	05	829-790N *	1	33.50	19.50	FAB
18 x 12	05	829-792N *	1	22.00	7.00	FAB
18 x 14	05	829-794N *	1	22.25	6.25	FAB
18 x 16	05	829-796N *	1	21.75	4.75	FAB
20 x 4	05	829-814N *	1	60.50	48.50	FAB
20 x 6	05	829-816N *	1	55.50	42.50	FAB
20 x 8	05	829-818N *	1	56.25	42.25	FAB
20 x 10	05	829-820N *	1	47.25	32.25	FAB
20 x 12	05	829-822N *	1	37.00	21.00	FAB
20 x 14	05	829-824N *	1	37.25	20.25	FAB
20 x 16	05	829-826N *	1	24.50	6.50	FAB
20 x 18	05	829-828N *	1	24.00	5.00	FAB
24 x 4	05	829-904N *	1	66.00	52.00	FAB
24 x 6	05	829-906N *	1	61.00	46.00	FAB
24 x 8	05	829-908N *	1	52.00	36.00	FAB
24 x 10	05	829-910N *	1	52.75	35.75	FAB
24 x 12	05	829-912N *	1	42.50	24.50	FAB
24 x 14	05	829-914N *	1	42.75	23.75	FAB
24 x 16	05	829-916N *	1	42.25	22.25	FAB
24 x 18	05	829-918N *	1	29.50	8.50	FAB
24 x 20	05	829-920N *	1	29.25	7.25	FAB

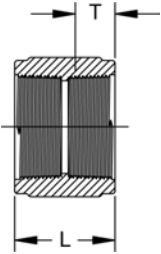
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

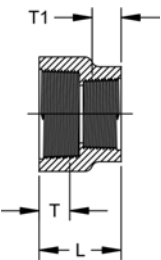
# Schedule 80 PVC Piping Systems

## Coupling (FPT x FPT)



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

## Reducing Coupling (FPT x FPT)

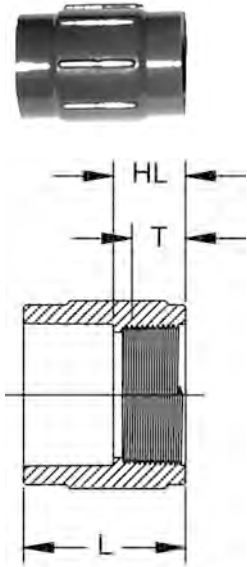


Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	T1 [inch]	Design
3/8 x 1/4	08	<b>830-052</b> *	50	1.29	0.41	0.40	HS
1/2 x 1/4	08	<b>830-072</b> *	50	1.45	0.53	0.40	HS
1/2 x 3/8	08	<b>830-073</b> *	50	1.46	0.53	0.41	HS
3/4 x 1/2	08	<b>830-101</b> ^	25	1.69	0.55	0.53	HS
1 x 1/2	08	<b>830-130</b> ^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

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

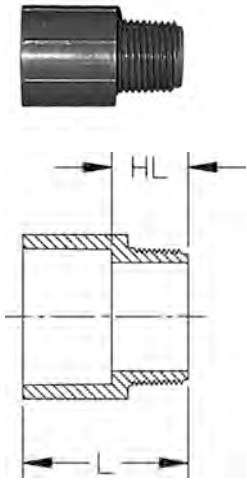
# Schedule 80 PVC Piping Systems

## Female Adapter (S x FPT)



Size [inch]	P/L	Part No. 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	5	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	08	835-060	1	3.35	6.40	1.50	SL
8	05	835-080	1	5.00	9.00	1.75	HS
10	05	835-100	1	5.00	10.00	2.00	HS
12	05	835-120	1	5.13	11.13	2.13	HS

## Male Adapter (S x MPT)



Size [inch]	P/L	Part No. 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	3.25	6.25	FAB
8	05	836-080N *	1	3.50	7.50	FAB
10	05	836-100N *	1	4.18	9.18	FAB
12	05	836-120N *	1	4.63	10.63	FAB

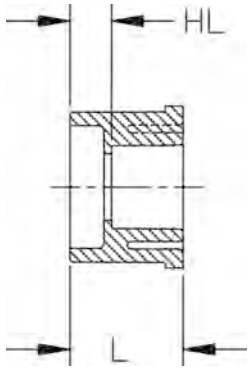
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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# Schedule 80 PVC Piping Systems

## Flush Style Reducer Bushing (SPG x S)



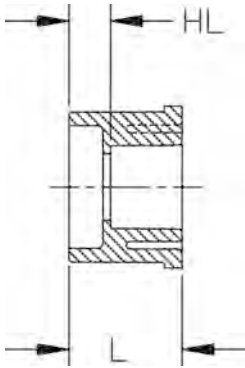
Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	Design
½ x ¼	08	837-072 *	50	0.46	1.14	FLUSH
½ x ⅜	08	837-073 *	50	0.32	1.10	FLUSH
¾ x ½	08	837-101	50	0.40	1.29	FLUSH
1 x ½	08	837-130	50	0.54	1.42	FLUSH
1 x ¾	08	837-131	50	0.44	1.42	FLUSH
1 ¼ x ½	08	837-166	25	0.66	1.56	FLUSH
1 ¼ x ¾	08	837-167	25	0.55	1.57	FLUSH
1 ¼ x 1	08	837-168	25	0.42	1.57	FLUSH
1 ½ x ½	08	837-209	25	0.77	1.68	FLUSH
1 ½ x ¾	08	837-210	25	0.67	1.69	FLUSH
1 ½ x 1	08	837-211	25	0.55	1.68	FLUSH
1 ½ x 1 ¼	08	837-212	25	0.42	1.70	FLUSH
2 x ½	08	837-247	10	0.88	1.79	FLUSH
2 x ¾	08	837-248	10	0.78	1.81	FLUSH
2 x 1	08	837-249	10	0.66	1.81	FLUSH
2 x 1 ¼	08	837-250	10	0.56	1.82	FLUSH
2 x 1 ½	08	837-251	10	0.40	1.80	FLUSH
2 ½ x 1 ½	08	837-291	5	0.96	2.43	FLUSH
2 ½ x 2	08	837-292	5	0.55	2.13	FLUSH
3 x 1	08	837-335	5	1.27	2.40	FLUSH
3 x 1 ¼	08	837-336FB *	5	1.45	2.72	BUSH
3 x 1 ½	08	837-337	5	0.92	2.43	FLUSH
3 x 2	08	837-338	5	0.87	2.43	FLUSH
3 x 2 ½	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	3.25	5.25	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	3.25	6.25	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	5.25	7.25	FAB
14 x 6	05	837-698N *	1	4.25	7.25	FAB
14 x 8	05	837-700N *	1	3.25	7.25	FAB
14 x 10	05	837-702N *	1	2.25	7.25	FAB
14 x 12	05	837-704N *	1	1.25	7.25	FAB
16 x 4	05	837-730N *	1	6.25	8.25	FAB
16 x 6	05	837-732N *	1	5.25	8.25	FAB
16 x 8	05	837-734N *	1	4.25	8.25	FAB
16 x 10	05	837-736N *	1	3.25	8.25	FAB
16 x 12	05	837-738N *	1	2.25	8.25	FAB
16 x 14	05	837-740N *	1	1.25	8.25	FAB
18 x 4	05	837-784N *	1	7.25	9.25	FAB
18 x 6	05	837-786N *	1	6.25	9.25	FAB
18 x 8	05	837-788N *	1	5.25	9.25	FAB
18 x 10	05	837-790N *	1	4.25	9.25	FAB
18 x 12	05	837-792N *	1	3.25	9.25	FAB
18 x 14	05	837-794N *	1	2.25	9.25	FAB
18 x 16	05	837-796N *	1	1.25	9.25	FAB

table continued next page

^ = 40% Restock Charge

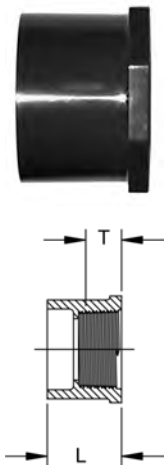
\* = Non-Cancelable/Non-Returnable

# Schedule 80 PVC Piping Systems



Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	Design
20 x 4	05	837-814N *	1	8.25	10.25	FAB
20 x 6	05	837-816N *	1	7.25	10.25	FAB
20 x 8	05	837-818N *	1	6.25	10.25	FAB
20 x 10	05	837-820N *	1	5.25	10.25	FAB
20 x 12	05	837-822N *	1	4.25	10.25	FAB
20 x 14	05	837-824N *	1	3.25	10.25	FAB
20 x 16	05	837-826N *	1	2.25	10.25	FAB
20 x 18	05	837-828N *	1	1.25	10.25	FAB
24 x 4	05	837-904N *	1	10.25	12.25	FAB
24 x 6	05	837-906N *	1	9.25	12.25	FAB
24 x 8	05	837-908N *	1	8.25	12.25	FAB
24 x 10	05	837-910N *	1	7.25	12.25	FAB
24 x 14	05	837-912N *	1	6.25	12.25	FAB
24 x 12	05	837-914N *	1	5.25	12.25	FAB
24 x 16	05	837-916N *	1	4.25	12.25	FAB
24 x 18	05	837-918N *	1	3.25	12.25	FAB
24 x 20	05	837-920N *	1	2.25	12.25	FAB

## 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

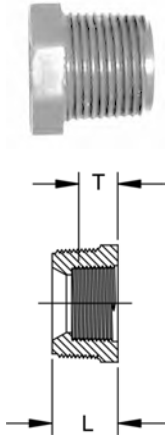
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

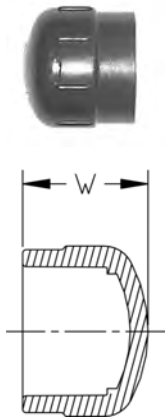
# Schedule 80 PVC Piping Systems

## 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

## Cap (S)

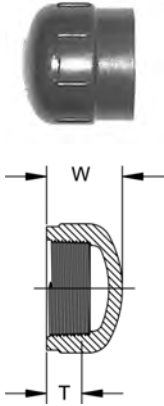


Size [inch]	P/L	Part No. Part No.	Pack Qty	W [inch]	Design
1/4	08	847-002 *	50	0.95	HS
3/8	08	847-003 *	50	1.09	HS
1/2	08	847-005	50	1.29	HS
3/4	08	847-007	50	1.46	HS
1	08	847-010	25	1.67	HS
1 1/4	08	847-012	15	1.88	HS
1 1/2	08	847-015	10	2.09	HS
2	08	847-020	5	2.32	HS
2 1/2	08	847-025	5	2.73	HS
3	08	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	7.00	FAB
18	05	847-180N *	1	8.25	FAB
20	05	847-200N *	1	8.75	FAB
24	05	847-240N *	1	10.25	FAB

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

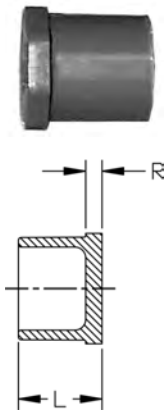
# Schedule 80 PVC Piping Systems

## Cap (FPT)



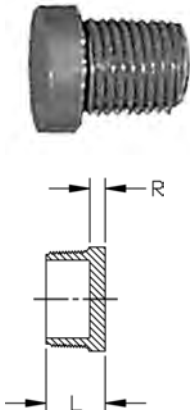
Size [inch]	P/L	Part No.	Pack Qty	W [inch]	T [inch]	Design
1/4	08	<b>848-002 *</b>	50	0.93	0.40	HS
3/8	08	<b>848-003 *</b>	50	0.95	0.41	HS
1/2	08	<b>848-005 ^</b>	50	1.16	0.53	HS
3/4	08	<b>848-007 ^</b>	25	1.24	0.55	HS
1	08	<b>848-010 ^</b>	25	1.50	0.68	HS
1 1/4	08	<b>848-012 ^</b>	15	1.61	0.71	HS
1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

## Plug (SPG)



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

## Plug (MPT)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	R [inch]
1/4	08	<b>850-002 *</b>	50	0.81	0.22
3/8	08	<b>850-003 *</b>	50	0.83	0.22
1/2	08	<b>850-005</b>	50	0.97	0.22
3/4	08	<b>850-007</b>	50	1.04	0.25
1	08	<b>850-010</b>	25	1.25	0.27
1 1/4	08	<b>850-012</b>	25	1.32	0.31
1 1/2	08	<b>850-015</b>	20	1.38	0.34
2	08	<b>850-020</b>	10	1.46	0.40
2 1/2	08	<b>850-025</b>	10	2.00	0.38
3	08	<b>850-030</b>	5	2.00	0.38
4	08	<b>850-040</b>	5	2.15	0.39
6	05	<b>850-060N *</b>	1	2.00	0.75
8	05	<b>850-080N *</b>	1	2.00	0.75
10	05	<b>850-100N *</b>	1	2.00	0.75
12	05	<b>850-120N *</b>	1	2.00	0.75

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

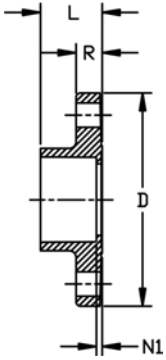
# Schedule 80 PVC Piping Systems

## 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	<b>851-005</b>	5	4	1/2	2.38	3.50	1.03	0.15	0.44	SOLID
3/4	08	<b>851-007</b>	5	4	1/2	2.75	3.88	1.21	0.19	0.51	SOLID
1	08	<b>851-010</b>	5	4	1/2	3.13	4.25	1.39	0.13	0.55	HC
1 1/4	08	<b>851-012</b>	5	4	1/2	3.50	4.63	1.42	0.16	0.62	HC
1 1/2	08	<b>851-015</b>	5	4	1/2	3.88	5.00	1.54	0.16	0.72	HC
2	08	<b>851-020</b>	5	4	5/8	4.75	6.00	1.77	0.16	0.75	HC
2 1/2	08	<b>851-025</b>	5	4	5/8	5.50	7.00	2.01	0.19	0.80	HC
3	08	<b>851-030</b>	5	4	5/8	6.00	7.50	2.20	0.31	0.98	WEB
4	08	<b>851-040</b>	5	8	5/8	7.50	9.00	2.55	0.22	1.24	WEB
6	08	<b>851-060</b>	2	8	3/4	9.50	11.00	3.86	0.34	1.32	HC
8	08	<b>851-080</b>	2	8	3/4	11.75	13.50	4.85	0.35	1.37	HC

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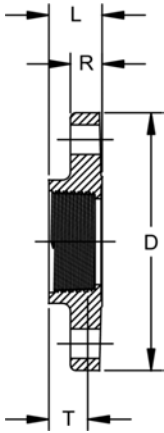
# Schedule 80 PVC Piping Systems

## 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	3/8	4.75	6.00	1.23	0.76	0.75	HC
2 1/2	08	852-025 ^	5	4	3/8	5.50	7.00	1.23	1.14	0.80	HC
3	08	852-030 ^	5	4	3/8	6.00	7.50	1.88	1.20	0.98	WEB
4	08	852-040 ^	5	8	3/8	7.50	9.00	1.99	1.30	1.24	WEB

^ = 40% Restock Charge

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+GF+

# Schedule 80 PVC Piping Systems

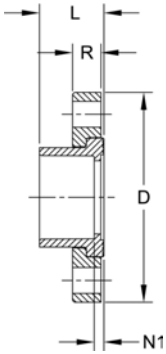
## Flange - Van Stone (S)

3" - 12" Have CPVC Ring

150 psi @ 73°F (10.3 bar @ 22.7°C)

14" - 24" pressure rating is 100 psi @ 73°F (6.9 bar @ 22.7°C)

HC = Honeycomb (Front)



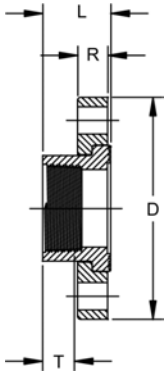
Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	N1 [inch]	R [inch]	Design
1/2	08	<b>854-005</b>	5	4	1/2	2.38	3.50	1.03	0.11	0.57	HC
3/4	08	<b>854-007</b>	5	4	1/2	2.75	3.88	1.15	0.13	0.58	HC
1	08	<b>854-010</b>	5	4	1/2	3.13	4.25	1.38	0.11	0.66	HC
1 1/4	08	<b>854-012</b>	5	4	1/2	3.50	4.63	1.45	0.14	0.69	HC
1 1/2	08	<b>854-015</b>	5	4	1/2	3.88	5.00	1.59	0.15	0.76	HC
2	08	<b>854-020</b>	5	4	5/8	4.75	6.00	1.76	0.20	0.82	HC
2 1/2	08	<b>854-025</b>	5	4	5/8	5.50	7.00	2.05	0.22	0.98	HC
3	08	<b>854-030</b>	5	4	5/8	6.00	7.50	2.25	0.30	1.02	HC
4	08	<b>854-040</b>	5	8	5/8	7.50	9.00	2.65	0.34	1.11	HC
6	08	<b>854-060</b>	2	8	3/4	9.50	11.00	3.50	0.48	1.27	HC
8	08	<b>854-080</b>	2	8	3/4	11.75	13.50	4.63	0.50	1.73	HC
10	02	<b>854-100</b>	2	12	7/8	14.25	16.00	5.63	0.50	1.73	HC
12	02	<b>854-120</b>	2	12	7/8	17.00	19.00	6.69	0.56	1.73	HC
14	05	<b>854-140N</b> *	1	12	1	18.75	21.00	11.75	4.75	1.00	FAB
16	05	<b>854-160N</b> *	1	16	1	21.25	23.00	13.50	5.50	1.00	FAB
18	05	<b>854-180N</b> *	1	16	1 1/8	22.75	25.00	15.50	6.50	0.50	FAB
20	05	<b>854-200N</b> *	1	20	1 1/8	25.00	27.50	17.25	7.25	0.50	FAB
24	05	<b>854-240N</b> *	1	20	1 1/4	29.50	32.00	19.50	7.50	0.50	FAB

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

# Schedule 80 PVC Piping Systems

## Flange - Van Stone (FPT)

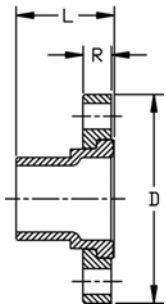
3" - 12" Have CPVC Ring  
 150 psi @ 73°F (10.3 bar @ 22.7°C)  
 HC = Honeycomb (Front)



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	¾	4.75	6.00	1.76	0.76	0.82	HC
2 ½	08	855-025 ^	5	4	¾	5.50	7.00	2.05	1.14	0.98	HC
3	08	855-030 ^	5	4	¾	6.00	7.50	2.25	1.20	1.02	HC
4	08	855-040 ^	5	8	¾	7.50	9.00	2.65	1.30	1.11	HC

## Flange - Van Stone (SPG)

3" - 12" Have CPVC Ring  
 150 psi @ 73°F (10.3 bar @ 22.7°C)  
 14" - 24" pressure rating is 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]	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	¾	4.75	6.00	2.72	0.82	HC
2 ½	08	856-025	5	4	¾	5.50	7.00	3.19	0.98	HC
3	08	856-030	5	4	¾	6.00	7.50	3.52	1.02	HC
4	08	856-040	5	8	¾	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	¾	14.25	16.00	8.33	1.73	HC
12	02	856-120	1	12	¾	17.00	19.00	9.54	1.73	HC
14	05	856-140N	1	12	1	18.75	21.00	13.00	0.50	FAB
16	05	856-160N	1	16	1	21.25	23.50	14.00	0.50	FAB
18	05	856-180N	1	16	1 ½	22.75	25.00	16.00	0.50	FAB
20	05	856-200N	1	20	1 ½	25.00	27.50	18.00	0.50	FAB
24	05	856-240N	1	20	1 ¼	29.50	32.00	20.00	0.50	FAB

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

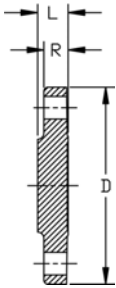
# Schedule 80 PVC Piping Systems

## Flange (Blind)

150 psi @ 73°F (10.3 bar @ 22.7°C)

10" – 24" pressure rating is 50 psi @ 73°F (3.5 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	<b>853-005</b>	5	4	½	2.38	3.50	0.50	0.43	HC
¾	08	<b>853-007</b>	5	4	½	2.75	3.88	0.50	0.44	HC
1	08	<b>853-010</b>	5	4	½	3.13	4.25	0.60	0.57	HC
1 ¼	08	<b>853-012</b>	5	4	½	3.50	4.63	0.63	0.56	HC
1 ½	08	<b>853-015</b>	5	4	½	3.88	5.00	0.82	0.71	HC
2	08	<b>853-020</b>	5	4	⅝	4.75	6.00	0.92	0.74	HC
2 ½	08	<b>853-025</b>	5	4	⅝	5.50	7.00	0.96	0.78	HC
3	08	<b>853-030</b>	5	4	⅝	6.00	7.50	1.03	0.89	HC
4	08	<b>853-040</b>	5	8	⅝	7.50	9.00	1.35	1.12	HC
6	08	<b>853-060</b>	2	8	¾	9.50	11.00	1.49	1.27	HC
8	08	<b>853-080</b>	2	8	¾	11.75	13.50	1.63	1.45	HC
10	05	<b>853-100N</b> *	1	12	⅞	14.25	16.00	1.00	1.00	SOLID
12	05	<b>853-120N</b> *	1	12	⅞	17.00	19.00	1.00	1.00	SOLID
14	05	<b>853-140N</b> *	1	12	1	18.75	21.00	1.00	1.00	SOLID
16	05	<b>853-160N</b> *	1	16	1	21.25	23.50	1.00	1.00	SOLID
18	05	<b>853-180N</b> *	1	16	1 ⅛	22.75	25.00	1.00	1.00	SOLID
20	05	<b>853-200N</b> *	1	20	1 ⅛	25.00	27.50	1.00	1.00	SOLID
24	05	<b>853-240N</b> *	1	20	1 ¼	29.50	32.00	1.00	1.00	SOLID

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

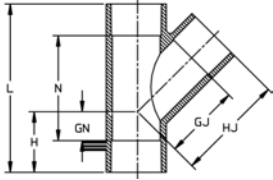
# Schedule 80 PVC Piping Systems

## 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	<b>870-015S</b> *	20	2.41	0.69	2.06	3.75	5.81	3.06	SL
2	08	<b>870-020</b>	10	3.63	1.38	2.88	5.13	8.02	5.00	SL
3	08	<b>870-030</b>	4	5.00	1.87	3.77	6.90	10.46	6.65	SL
4	08	<b>870-040</b>	4	6.38	1.88	4.20	8.70	12.91	8.25	SL
6	08	<b>870-060</b>	2	8.50	1.81	4.86	11.59	16.50	10.39	HS
8	08	<b>870-080</b>	1	11.25	2.06	6.08	15.25	21.34	13.31	HS
10	05	<b>875-100N</b> *	1	19.75	5.50	10.50	24.75	31.75	21.75	FAB
12	05	<b>875-120N</b> *	1	22.63	6.50	12.50	28.63	37.50	25.50	FAB
14	05	<b>875-140N</b> *	1	25.75	7.00	14.00	32.75	41.75	27.75	FAB
16	05	<b>875-160N</b> *	1	28.88	7.75	15.75	36.88	47.25	31.25	FAB
18	05	<b>875-180N</b> *	1	32.50	8.50	17.50	41.50	53.00	35.00	FAB
20	05	<b>875-200N</b> *	1	35.50	9.50	19.50	45.50	58.75	38.75	FAB
24	05	<b>875-240N</b> *	1	42.00	11.00	23.00	54.00	70.00	46.00	FAB

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

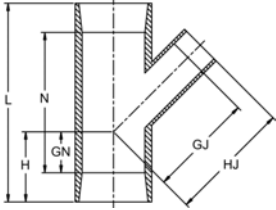
# Schedule 80 PVC Piping Systems

## 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)



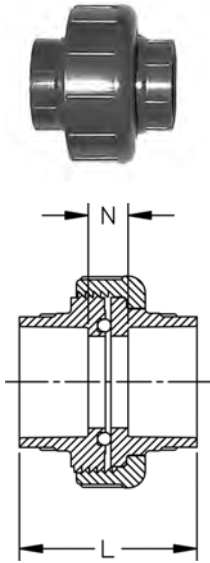
Size [inch]	P/L	Part No.	Pack Qty	GJ [inch]	GN [inch]	H [inch]	HJ [inch]	L [inch]	N [inch]	Design
2 x 1 1/2	08	870-251FB *	10	4.03	1.38	2.88	5.43	8.02	5.00	BUSH
3 x 1 1/2	08	870-337FB *	4	5.92	1.87	3.77	7.43	10.46	6.65	BUSH
3 x 2	08	870-338FB *	4	5.87	1.87	3.77	7.43	10.46	6.65	BUSH
4 x 2	08	870-420FB *	4	7.53	1.88	4.20	9.10	12.91	8.25	BUSH
4 x 3	08	870-422FB *	4	7.15	1.88	4.20	9.14	12.91	8.25	BUSH
6 x 2	08	870-528FB *	2	8.33	1.87	4.91	9.90	16.50	10.39	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	870-582	1	9.53	0.38	4.39	11.79	16.03	7.63	HS
8 x 6	08	870-585FB *	1	12.62	2.06	6.06	15.72	21.25	13.31	BUSH
10 x 4	05	875-623N *	1	14.00	1.25	6.25	16.00	23.00	13.00	FAB
10 x 6	05	875-626N *	1	16.13	2.75	7.75	19.13	26.00	16.00	FAB
10 x 8	05	875-628N *	1	17.50	4.00	9.00	21.50	28.75	18.75	FAB
12 x 4	05	875-663N *	1	15.50	0.50	6.50	17.50	25.75	13.75	FAB
12 x 6	05	875-666N *	1	17.50	2.00	8.00	20.50	28.68	16.68	FAB
12 x 8	05	875-668N *	1	19.00	3.50	9.50	23.00	31.50	19.50	FAB
12 x 10	05	875-670N *	1	21.25	5.00	11.00	26.25	34.50	22.50	FAB
14 x 4	05	875-696N *	1	16.25	0.25	7.25	18.25	28.25	14.25	FAB
14 x 6	05	875-698N *	1	18.50	1.75	8.75	21.50	31.25	17.25	FAB
14 x 8	05	875-700N *	1	19.75	3.00	10.00	23.75	34.00	20.00	FAB
14 x 10	05	875-702N *	1	22.00	4.50	11.50	27.00	37.00	23.00	FAB
14 x 12	05	875-704N *	1	23.50	6.00	13.00	29.50	39.75	25.75	FAB
16 x 4	05	875-730N *	1	17.75	-0.75	7.25	19.75	31.00	15.00	FAB
16 x 6	05	875-732N *	1	19.88	1.00	9.00	22.88	34.00	18.00	FAB
16 x 8	05	875-734N *	1	21.25	2.50	10.50	25.25	36.75	20.75	FAB
16 x 10	05	875-736N *	1	23.50	4.00	12.00	28.50	39.75	23.75	FAB
16 x 12	05	875-738N *	1	25.00	5.50	13.50	31.00	42.75	26.75	FAB
16 x 14	05	875-740N *	1	27.25	6.25	14.25	34.25	44.50	28.50	FAB
18 x 4	05	875-784N *	1	19.00	-1.25	7.75	21.00	34.00	16.00	FAB
18 x 6	05	875-786N *	1	21.25	0.50	9.50	24.25	37.00	19.00	FAB
18 x 8	05	875-788N *	1	22.75	2.00	11.00	26.75	39.75	21.75	FAB
18 x 10	05	875-790N *	1	25.00	3.50	12.50	30.00	42.75	24.75	FAB
18 x 12	05	875-792N *	1	26.50	4.75	13.75	32.50	45.50	27.50	FAB
18 x 14	05	875-794N *	1	28.75	5.75	14.75	35.75	47.50	29.50	FAB
18 x 16	05	875-796N *	1	30.25	7.25	16.25	38.25	50.25	32.25	FAB
20 x 4	05	875-814N *	1	20.50	-1.75	8.25	22.50	36.75	16.75	FAB
20 x 6	05	875-816N *	1	22.75	-0.25	9.75	25.75	39.75	19.75	FAB
20 x 8	05	875-818N *	1	24.25	1.50	11.50	28.25	42.75	22.75	FAB
20 x 10	05	875-820N *	1	26.50	3.00	13.00	31.50	45.75	25.75	FAB
20 x 12	05	875-822N *	1	28.00	4.25	14.25	34.00	48.50	28.50	FAB
20 x 14	05	875-824N *	1	30.25	5.25	15.25	37.25	50.25	30.25	FAB
20 x 16	05	875-826N *	1	31.75	6.50	16.50	39.75	53.00	33.00	FAB
20 x 18	05	875-828N *	1	34.00	8.00	18.00	43.00	56.00	36.00	FAB
24 x 4	05	875-904N *	1	23.25	-3.00	9.00	25.25	42.50	18.50	FAB
24 x 6	05	875-906N *	1	25.50	-1.50	10.50	28.50	45.50	21.50	FAB
24 x 8	05	875-908N *	1	27.00	0.00	12.00	31.00	48.25	24.25	FAB
24 x 10	05	875-910N *	1	29.25	1.75	13.75	34.25	51.25	27.25	FAB
24 x 12	05	875-912N *	1	30.60	3.25	15.25	36.60	54.25	30.25	FAB
24 x 14	05	875-914N *	1	33.00	4.00	16.00	40.00	56.00	32.00	FAB
24 x 16	05	875-916N *	1	34.50	5.50	17.50	42.50	58.75	34.75	FAB
24 x 18	05	875-918N *	1	36.75	6.75	18.75	45.75	61.50	37.50	FAB
24 x 20	05	875-920N *	1	38.25	8.25	20.25	48.25	64.50	40.50	FAB

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

# Schedule 80 PVC Piping Systems

## Union Type 375 (S x S)

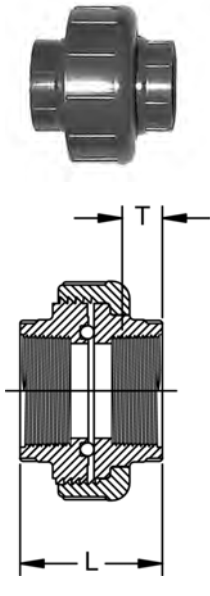
150 psi @ 73°F (10.3 bar @ 22.7°C)



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)

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	

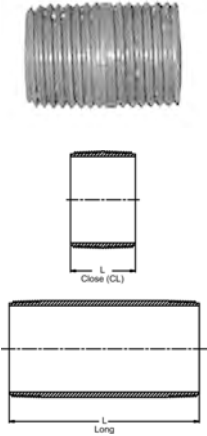
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

# Schedule 80 PVC Piping Systems

## Nipple (MPT x MPT)



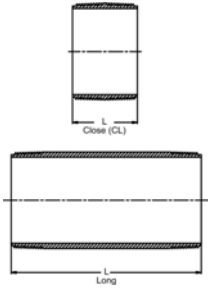
Size	P/L	Part No.	Pack Qty	L [inch]
1/2 x CL	08	<b>861-077 *</b>	50	1.13
1/2 x 2	08	<b>861-079 *</b>	50	2.00
1/2 x 3	08	<b>861-081 *</b>	50	3.00
1/2 x 4	08	<b>861-082 *</b>	50	4.00
1/2 x 5	08	<b>861-083 *</b>	50	5.00
1/2 x 6	08	<b>861-084 *</b>	50	6.00
1/2 x 8	08	<b>861-086 *</b>	50	8.00
1/2 x 10	08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

table continued next page

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



# Schedule 80 PVC Piping Systems



Size	P/L	Part No.	Pack Qty	L [inch]
2 1/2 x 3	08	<b>861-292 *</b>	5	3.00
2 1/2 x 4	08	<b>861-295 *</b>	5	4.00
2 1/2 x 5	08	<b>861-296 *</b>	5	5.00
2 1/2 x 6	08	<b>861-297 *</b>	5	6.00
2 1/2 x 8	08	<b>861-298 *</b>	5	8.00
2 1/2 x 10	08	<b>861-299 *</b>	5	10.00
2 1/2 x 12	08	<b>861-300 *</b>	5	12.00
3 x CL	08	<b>861-338 *</b>	5	2.63
3 x 3	08	<b>861-340 *</b>	5	3.00
3 x 4	08	<b>861-341 *</b>	5	4.00
3 x 5	08	<b>861-342 *</b>	5	5.00
3 x 6	08	<b>861-343 *</b>	5	6.00
3 x 8	08	<b>861-344 *</b>	5	8.00
3 x 10	08	<b>861-345 *</b>	5	10.00
3 x 12	08	<b>861-346 *</b>	5	12.00
4 x CL	08	<b>861-422 *</b>	5	2.88
4 x 4	08	<b>861-423 *</b>	5	4.00
4 x 5	08	<b>861-425 *</b>	5	5.00
4 x 6	08	<b>861-426 *</b>	5	6.00
4 x 8	08	<b>861-427 *</b>	5	8.00
4 x 10	08	<b>861-428 *</b>	5	10.00
4 x 12	08	<b>861-429 *</b>	5	12.00

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

# Schedule 80 PVC Piping Systems

## Schedule 80 PVC Metal Transition Fittings

### Metal Union End Connectors Type 375 (316 SS)



150 psi @ 73°F (10.3 bar @ 22.7°C)  
Union Sold Separately

Size [inch]	P/L	Part No.	Pack Qty
½	33	37X003314 *	1
¾	33	37X003315 *	1
1	33	37X003316 *	1
1 ¼	33	37X003317 *	1
1 ½	33	37X003318 *	1
2	33	37X003319 *	1

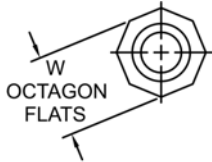
### PVC-to-Brass Transition Fittings (SPG x FPT)



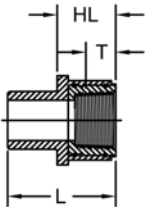
150 psi @ 73°F (10.3 bar @ 22.7°C)

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

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

# Schedule 80 PVC Piping Systems

## Schedule 80 PVC Expansion Joints

### Expansion Joint 6" Travel (S x S)

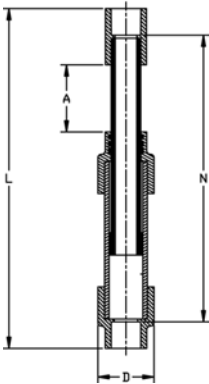


To order SxSPG add "P" to end of part number.

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

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable



## Section 2

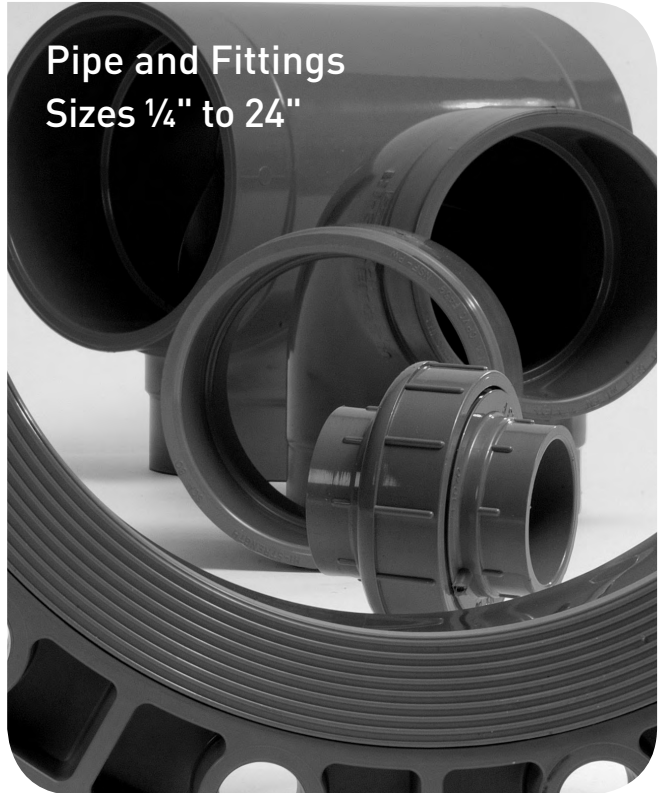
### Schedule 40 and Schedule 80 CPVC Piping Systems

Effective August 27, 2012



P0800881

### Pipe and Fittings Sizes 1/4" to 24"



**+GF+**

**GEORG FISCHER**  
PIPING SYSTEMS

## Glossary






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

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 Harvel Engineering and Installation Guide available online at [www.gfpiping.com/resource.html](http://www.gfpiping.com/resource.html) [see "Technical Docs"] or by calling (800) 854-4090.

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

# CPVC Piping Systems

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	Schedule 40 CPVC Pressure Pipe	2.5
	Schedule 80 CPVC Pressure Pipe	2.6
	Schedule 80 CPVC Pressure Fittings	2.7
	Schedule 80 CPVC Metal Transition Fittings	2.28
	Schedule 80 CPVC Expansion Joints	2.29

# Specifications, Standards and Tolerances

## Specifications and Standards

NSF/ANSI Standard 14

NSF/ANSI Standard 61

ASTM D 1784 : Material CPVC Type IV, Grade I Gray (cell classification 23447) – Pipe  
Material CPVC Type IV, Grade I Gray (cell classification 23447) – Fittings

ASTM F 441 : CPVC Schedule 40 and Schedule 80 Pipe

ASTM F 439 : CPVC Schedule 80 Socket & Threaded Fittings

ASTM F 437 : CPVC Schedule 80 Threaded Fittings

ASTM F 1970 : CPVC Schedule 80 Unions

ANSI B16.5 : Flange Bolt Hole Patterns

ANSI B1.20.1 : CPVC Schedule 80 NPT Threads

CSA B137.6 : CPVC Schedule 80 Pipe (1¼"–2½" only)

ULC S102.2 : CPVC Schedule 40 Pipe (½"–24"); Schedule 80 Pipe (½"–12")

## Molded Dimension Tolerances

A Piston Position; Expansion Joints :  $\pm 0.03$

D Outside Diameter :  $\pm 0.06$

G, G1 Intersections of centerlines to bottom of socket; 90° Ells, Tees : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

GJ, GN Intersections of centerlines to bottom of socket; 45° Wyes : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

H, HJ, HN Intersections of centerlines to face of fitting; 90° Ells, 45° Ells, Tees, 45° Wyes : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

HL Socket Bottom to Face of Fitting : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

J Intersections of centerlines to bottom of socket; 45° & 30° Ells : up to 4"  $\pm 0.03$ ; 6" and above  $\pm 0.06$

L Overall Length of fitting :  $\pm 0.06$

N Socket Bottom to Socket Bottom; Couplings, Unions :  $\pm 0.06$

N1 Socket Bottom to Face of Flange :  $\pm 0.06$

R Thickness on Plugs, Flanges :  $\pm 0.03$

T, T1 Effective Thread Length : Reference Only

W Height of Cap :  $\pm 0.06$

## Fabricated Dimension Tolerances

D Outside Diameter :  $\pm 0.50$

E Drive Pin Diameter :  $\pm 0.50$

G, G1 Intersections of centerlines to bottom of socket; 90° Ells, Tees, Crosses :  $\pm 0.25$

GJ, GN Intersections of centerlines to bottom of socket; 45° Wyes :  $\pm 0.25$

H, HJ, HN Intersections of centerlines to face of fitting; 90° Ells, 45° Ells, Tees, 45° Wyes, True Wyes :  $\pm 0.50$

HL Socket Bottom to Face of Fitting :  $\pm 0.25$

J Intersections of centerlines to bottom of socket; 11¼°, 15°, 30°, 22½°, 45° Ells, True Wyes :  $\pm 0.25$

L Overall Length of fitting :  $\pm 0.50$

N Socket Bottom to Socket Bottom; Couplings :  $\pm 0.50$

N1 Socket Bottom to Face of Flange :  $\pm 0.50$

R Thickness on Plugs, Flanges :  $\pm 0.25$

T, T1 Effective Thread Length : Reference Only

W Height of Cap :  $\pm 0.25$



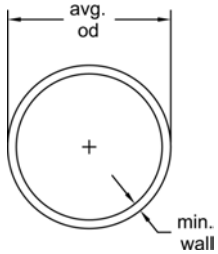
# CPVC Piping Systems

## Schedule 40 CPVC Pressure Pipe

### Harvel Corzan® - 20 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

Belled-end pipe available upon request



Pipe Size [inch]	Part No.
¼	H0400025CG2000 *
⅜	H0400038CG2000 *
½	H0400050CG2000 *
¾	H0400075CG2000 *
1	H0400100CG2000 *
1 ¼	H0400125CG2000 *
1 ½	H0400150CG2000 *
2	H0400200CG2000 *
2 ½	H0400250CG2000 *
3	H0400300CG2000 *
3 ½	H0400350CG2000 *
4	H0400400CG2000 *
5	H0400500CG2000 *
6	H0400600CG2000 *
8	H0400800CG2000 *
10	H0401000CG2000 *
12	H0401200CG2000 *
14	H0401400CG2000 *
16	H0401600CG2000 *
18	H0401800CG2000 *
20	H0402000CG2000 *
24	H0402400CG2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
¼		0.540	0.354	0.088	0.091	780
⅜		0.675	0.483	0.091	0.122	620
½	5700	0.840	0.608	0.109	0.180	600
¾	5260	1.050	0.810	0.113	0.239	480
1	4280	1.315	1.033	0.133	0.352	450
1 ¼	2360	1.660	1.364	0.140	0.475	370
1 ½	2060	1.900	1.592	0.145	0.568	330
2	1660	2.375	2.049	0.154	0.761	280
2 ½	1080	2.875	2.445	0.203	1.201	300
3	840	3.500	3.042	0.216	1.572	260
3 ½	520	4.000	3.520	0.226	1.905	240
4	400	4.500	3.998	0.237	2.239	220
5	340	5.563	5.017	0.258	3.095	190
6	220	6.625	6.031	0.280	3.945	180
8	140	8.625	7.943	0.322	5.958	160
10	100	10.750	9.976	0.365	8.458	140
12	100	12.750	11.890	0.406	11.172	130
14	60	14.000	13.072	0.437	13.262	130
16	60	16.000	14.940	0.500	17.312	130
18	40	18.000	16.809	0.562	22.586	130
20	40	20.000	18.743	0.593	26.530	120
24	40	24.000	22.544	0.687	36.916	120

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

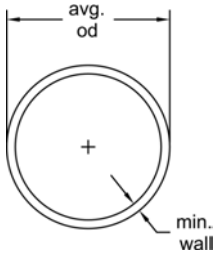
# CPVC Piping Systems

## Schedule 80 CPVC Pressure Pipe

### Harvel Corzan® - 20 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

Belled-end pipe available upon request



Pipe Size [inch]	Part No.
¼	H0800025CG2000 *
⅜	H0800038CG2000 *
½	H0800050CG2000 *
¾	H0800075CG2000 *
1	H0800100CG2000 *
1 ¼	H0800125CG2000 *
1 ½	H0800150CG2000 *
2	H0800200CG2000 *
2 ½	H0800250CG2000 *
3	H0800300CG2000 *
3 ½	H0800350CG2000 *
4	H0800400CG2000 *
5	H0800500CG2000 *
6	H0800600CG2000 *
8	H0800800CG2000 *
10	H0801000CG2000 *
12	H0801200CG2000 *
14	H0801400CG2000 *
16	H0801600CG2000 *
18	H0801800CG2000 *
20	H0802000CG2000 *
24	H0802400CG2000 *

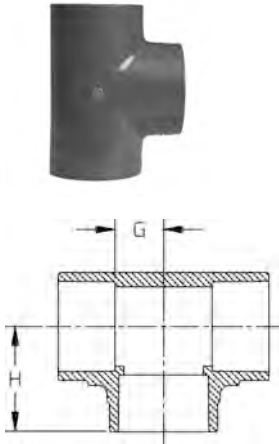
Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
¼		0.540	0.288	0.119	0.112	1130
⅜		0.675	0.407	0.126	0.154	920
½	5700	0.840	0.528	0.147	0.225	850
¾	5260	1.050	0.724	0.154	0.305	690
1	4280	1.315	0.935	0.179	0.449	630
1 ¼	2360	1.660	1.256	0.191	0.618	520
1 ½	2060	1.900	1.476	0.200	0.751	470
2	1660	2.375	1.913	0.218	1.040	400
2 ½	1080	2.875	2.289	0.276	1.584	420
3	840	3.500	2.864	0.300	2.124	370
3 ½	520	4.000	3.326	0.318	2.607	350
4	400	4.500	3.786	0.337	3.105	320
5	340	5.563	4.767	0.375	4.343	290
6	220	6.625	5.709	0.432	5.929	280
8	140	8.625	7.565	0.500	9.051	250
10	100	10.750	9.492	0.593	13.429	230
12	100	12.750	11.294	0.687	18.458	230
14	60	14.000	12.410	0.750	22.224	220
16	60	16.000	14.214	0.843	28.557	220
18	40	18.000	16.014	0.937	35.745	220
20	40	20.000	17.814	1.031	45.022	220
24	40	24.000	21.418	1.218	63.878	210

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

# CPVC Piping Systems

## Schedule 80 CPVC Pressure Fittings

### Tee (S x S x S)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	G [inch]	Design
½	25	<b>9801-005</b>	25	1.49	0.50	SL
¾	25	<b>9801-007</b>	15	1.61	0.56	SL
1	25	<b>9801-010</b>	20	1.86	0.72	SL
1 ¼	25	<b>9801-012</b>	5	2.19	0.91	SL
1 ½	25	<b>9801-015</b>	5	2.44	1.06	SL
2	25	<b>9801-020</b>	5	2.82	1.32	SL
2 ½	25	<b>9801-025</b>	5	3.33	1.50	SL
3	25	<b>9801-030</b>	5	3.75	1.85	SL
4	25	<b>9801-040</b>	5	4.63	2.38	SL
6	25	<b>9801-060</b>	2	6.53	3.53	SL
8	25	<b>9801-080</b>	1	8.63	4.59	SL
10	02	<b>9801-100</b>	1	11.25	5.75	SL
12	02	<b>9801-120</b>	1	13.35	6.89	SL
14	06	<b>9801-140N</b> *	1	19.50	10.88	FAB
16	06	<b>9801-160N</b> *	1	22.75	12.13	FAB
18	06	<b>9801-180N</b> *	1	26.00	13.38	FAB
20	06	<b>9801-200N</b> *	1	28.25	14.63	FAB
24	06	<b>9801-240N</b> *	1	34.50	17.13	FAB

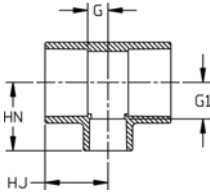
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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# CPVC Piping Systems

## Reducing Tee (S x S x S)

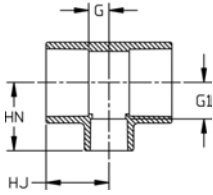


Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	G1 [inch]	Design
¾ x ½	25	<b>9801-101</b>	25	1.63	1.63	0.61	0.73	SL
1 x ½	25	<b>9801-130</b>	25	1.88	1.63	0.73	0.75	SL
1 x ¾	25	<b>9801-131</b>	25	1.88	1.87	0.73	0.86	SL
1 ¼ x 1	25	<b>9801-168</b>	20	2.00	2.00	0.73	0.91	SL
1 ½ x ½	25	<b>9801-209</b>	5	2.41	2.70	1.03	1.82	SL
1 ½ x ¾	25	<b>9801-210</b>	5	2.00	2.00	0.61	1.05	SL
1 ½ x 1	25	<b>9801-211</b>	5	2.13	2.20	0.73	0.81	SL
2 x ½	25	<b>9801-247</b>	5	2.78	3.06	1.28	1.22	SL
2 x ¾	25	<b>9801-248</b>	5	2.13	2.31	0.73	1.29	SL
2 x 1	25	<b>9801-249</b>	5	2.25	2.44	0.73	1.26	SL
2 x 1 ½	25	<b>9801-251</b>	5	2.56	2.69	1.05	1.29	SL
2 ½ x 2	25	<b>9801-292</b>	5	3.04	3.04	1.28	1.53	SL
3 x 1 ¼	25	<b>9801-336FB *</b>	5	3.21	3.69	1.31	2.43	BUSH
3 x 2	25	<b>9801-338</b>	5	3.21	3.40	1.31	1.87	SL
3 x 2 ½	25	<b>9801-339FB *</b>	5	3.75	4.08	1.85	2.24	BUSH
4 x 2	25	<b>9801-420</b>	5	3.52	3.88	1.26	2.37	SL
4 x 3	25	<b>9801-422</b>	5	4.15	4.31	1.87	2.39	SL
6 x 2	25	<b>9801-528FB *</b>	2	6.58	7.21	3.56	5.65	BUSH
6 x 3	25	<b>9801-530FB *</b>	2	6.58	7.21	3.56	5.26	BUSH
6 x 4	25	<b>9801-532</b>	2	6.58	6.81	3.49	4.50	HS
8 x 4	25	<b>9801-582FB *</b>	1	7.63	8.09	3.59	5.84	BUSH
8 x 6	25	<b>9801-585</b>	1	7.63	7.52	3.59	4.50	SL
10 x 2	06	<b>9801-619N *</b>	1	10.75	11.50	5.75	9.50	FAB
10 x 3	06	<b>9801-621N *</b>	1	10.75	11.50	5.75	9.50	FAB
10 x 4	06	<b>9801-623N *</b>	1	10.75	11.50	5.75	9.50	FAB
10 x 6	02	<b>9801-626FB *</b>	1	11.25	11.88	5.75	8.32	BUSH
10 x 6	06	<b>9801-626N *</b>	1	11.88	12.50	6.88	9.50	FAB
10 x 8	02	<b>9801-628FB *</b>	1	11.25	11.88	5.75	7.32	BUSH
10 x 8	06	<b>9801-628N *</b>	1	13.00	13.50	8.00	9.50	FAB
12 x 2	06	<b>9801-659N *</b>	1	12.00	12.75	6.00	10.75	FAB
12 x 3	06	<b>9801-661N *</b>	1	12.00	12.75	6.00	10.75	FAB
12 x 4	06	<b>9801-663N *</b>	1	12.00	12.75	6.00	10.75	FAB
12 x 6	06	<b>9801-666N *</b>	1	13.13	13.75	7.13	10.75	FAB
12 x 8	02	<b>9801-668FB *</b>	1	13.35	14.00	6.89	9.52	BUSH
12 x 8	06	<b>9801-668N *</b>	1	14.13	14.75	8.13	10.75	FAB
12 x 10	02	<b>9801-670FB *</b>	1	13.35	14.00	6.89	8.52	BUSH
12 x 10	06	<b>9801-670N *</b>	1	15.13	15.75	9.13	10.75	FAB
14 x 2	06	<b>9801-692N *</b>	1	13.13	13.50	6.13	11.50	FAB
14 x 3	06	<b>9801-694N *</b>	1	13.13	13.50	6.13	11.50	FAB
14 x 4	06	<b>9801-696N *</b>	1	13.13	13.50	6.13	11.50	FAB
14 x 6	06	<b>9801-698N *</b>	1	14.25	14.50	7.25	11.50	FAB
14 x 8	06	<b>9801-700N *</b>	1	15.25	15.50	8.25	11.50	FAB
14 x 10	06	<b>9801-702N *</b>	1	16.25	16.50	9.25	11.50	FAB
14 x 12	06	<b>9801-704N *</b>	1	17.25	18.50	10.25	12.50	FAB
16 x 2	06	<b>9801-726N *</b>	1	14.38	14.75	6.38	12.75	FAB
16 x 3	06	<b>9801-728N *</b>	1	14.38	14.75	6.38	12.75	FAB
16 x 4	06	<b>9801-730N *</b>	1	14.38	14.75	6.38	12.75	FAB
16 x 6	06	<b>9801-732N *</b>	1	15.50	15.75	7.50	12.75	FAB
16 x 8	06	<b>9801-734N *</b>	1	16.50	16.75	8.50	12.75	FAB
16 x 10	06	<b>9801-736N *</b>	1	17.50	17.75	9.50	12.75	FAB
16 x 12	06	<b>9801-738N *</b>	1	18.50	19.75	10.50	13.75	FAB
16 x 14	06	<b>9801-740N *</b>	1	19.13	20.75	11.13	13.75	FAB
18 x 4	06	<b>9801-784N *</b>	1	15.63	16.00	6.63	14.00	FAB
18 x 6	06	<b>9801-786N *</b>	1	16.75	17.00	7.75	14.00	FAB
18 x 8	06	<b>9801-788N *</b>	1	17.75	18.00	8.75	14.00	FAB

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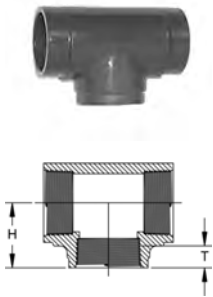
^ = 40% Restock Charge  
\* = Non-Cancelable/Non-Returnable

# CPVC Piping Systems



Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	G1 [inch]	Design
18 x 10	06	<b>9801-790N *</b>	1	18.75	19.00	9.75	14.00	FAB
18 x 12	06	<b>9801-792N *</b>	1	19.75	21.00	10.75	15.00	FAB
18 x 14	06	<b>9801-794N *</b>	1	20.38	22.00	11.38	15.00	FAB
18 x 16	06	<b>9801-796N *</b>	1	21.38	24.00	12.38	16.00	FAB
20 x 4	06	<b>9801-814N *</b>	1	16.88	17.25	6.88	15.25	FAB
20 x 6	06	<b>9801-816N *</b>	1	18.00	18.25	8.00	15.25	FAB
20 x 8	06	<b>9801-818N *</b>	1	19.00	19.25	9.00	15.25	FAB
20 x 10	06	<b>9801-820N *</b>	1	20.00	20.25	10.00	15.25	FAB
20 x 12	06	<b>9801-822N *</b>	1	21.00	22.25	11.00	16.25	FAB
20 x 14	06	<b>9801-824N *</b>	1	21.63	23.25	11.63	16.25	FAB
20 x 16	06	<b>9801-826N *</b>	1	22.63	25.25	12.63	17.25	FAB
20 x 18	06	<b>9801-828N *</b>	1	23.63	27.25	13.63	18.25	FAB
24 x 4	06	<b>9801-904N *</b>	1	19.38	19.50	7.38	17.50	FAB
24 x 6	06	<b>9801-906N *</b>	1	20.50	20.50	8.50	17.50	FAB
24 x 8	06	<b>9801-908N *</b>	1	21.50	21.50	9.50	17.50	FAB
24 x 10	06	<b>9801-910N *</b>	1	22.50	22.50	10.50	17.50	FAB
24 x 12	06	<b>9801-912N *</b>	1	23.50	24.50	11.50	18.50	FAB
24 x 14	06	<b>9801-914N *</b>	1	24.13	25.50	12.13	18.50	FAB
24 x 16	06	<b>9801-916N *</b>	1	25.13	27.50	13.13	19.50	FAB
24 x 18	06	<b>9801-918N *</b>	1	26.13	30.50	14.13	20.50	FAB
24 x 20	06	<b>9801-920N *</b>	1	27.13	32.50	15.13	20.50	FAB

## Tee (FPT x FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	T [inch]	Design
¼	25	<b>9805-002 *</b>	50	0.92	0.40	HS
⅜	25	<b>9805-003 *</b>	50	1.16	0.41	HS
½	25	<b>9805-005 ^</b>	25	1.27	0.53	HS
¾	25	<b>9805-007 ^</b>	15	1.38	0.55	HS
1	25	<b>9805-010 ^</b>	15	1.70	0.68	HS
1 ¼	25	<b>9805-012 ^</b>	10	1.93	0.71	HS
1 ½	25	<b>9805-015 ^</b>	10	2.08	0.72	HS
2	25	<b>9805-020 ^</b>	5	2.35	0.76	HS
2 ½	25	<b>9805-025 ^</b>	5	2.88	1.14	HS
3	25	<b>9805-030 ^</b>	5	3.50	1.20	HS
4	25	<b>9805-040 ^</b>	5	4.06	1.30	HS

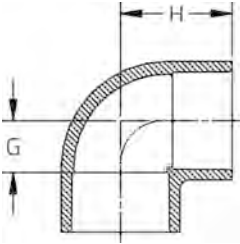
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

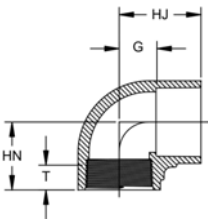
# CPVC Piping Systems

## 90° EII (S x S)



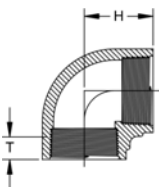
Size [inch]	P/L	Part No.	Pack Qty	H [inch]	G [inch]	Design
¼	25	<b>9806-002S *</b>	50	0.95	0.33	HS
⅜	25	<b>9806-003S *</b>	50	1.17	0.41	HS
½	25	<b>9806-005</b>	25	1.41	0.50	SL
¾	25	<b>9806-007</b>	25	1.61	0.56	SL
1	25	<b>9806-010</b>	10	1.86	0.69	SL
1 ¼	25	<b>9806-012</b>	10	2.16	0.91	SL
1 ½	25	<b>9806-015</b>	10	2.41	1.03	SL
2	25	<b>9806-020</b>	10	2.78	1.28	SL
2 ½	25	<b>9806-025</b>	5	3.29	1.53	SL
3	25	<b>9806-030</b>	5	3.75	1.85	SL
4	25	<b>9806-040</b>	5	4.59	2.34	SL
6	25	<b>9806-060</b>	2	6.70	3.69	SL
8	25	<b>9806-080</b>	1	8.52	4.47	SL
10	02	<b>9806-100</b>	1	10.75	5.75	SL
12	02	<b>9806-120</b>	1	12.63	6.06	SL
14	06	<b>9806-140N *</b>	1	26.00	19.00	FAB
16	06	<b>9806-160N *</b>	1	29.75	21.75	FAB
18	06	<b>9806-180N *</b>	1	33.50	24.50	FAB
20	06	<b>9806-200N *</b>	1	37.25	27.25	FAB
24	06	<b>9806-240N *</b>	1	44.75	32.75	FAB

## 90° EII (S x FPT)



Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	T [inch]	Design
½	25	<b>9807-005</b>	25	1.38	1.28	0.50	0.53	HS
¾	25	<b>9807-007</b>	25	1.57	1.38	0.56	0.55	HS
1	25	<b>9807-010</b>	10	1.82	1.70	0.69	0.68	HS

## 90° EII (FPT x FPT)

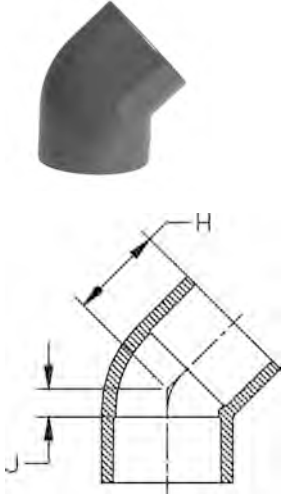


Size [inch]	P/L	Part No.	Pack Qty	H [inch]	T [inch]	Design
¼	25	<b>9808-002 *</b>	50	0.92	0.40	HS
⅜	25	<b>9808-003 *</b>	50	1.00	0.41	HS
½	25	<b>9808-005 ^</b>	25	1.29	0.53	HS
¾	25	<b>9808-007 ^</b>	20	1.38	0.55	HS
1	25	<b>9808-010 ^</b>	10	1.70	0.68	HS
1 ¼	25	<b>9808-012 ^</b>	10	1.93	0.71	HS
1 ½	25	<b>9808-015 ^</b>	10	2.06	0.72	HS
2	25	<b>9808-020 ^</b>	5	2.36	0.76	HS
2 ½	25	<b>9808-025 ^</b>	5	3.00	1.14	HS
3	25	<b>9808-030 ^</b>	5	3.50	1.20	HS
4	25	<b>9808-040 ^</b>	5	4.13	1.30	HS

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

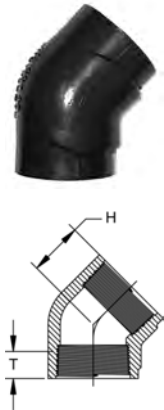
# CPVC Piping Systems

## 45° EII (S x S)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	J [inch]	Design
¼	25	9817-002 *	25	0.81	0.13	HS
⅜	25	9817-003S *	25	0.97	0.22	HS
½	25	9817-005	25	1.21	0.25	SL
¾	25	9817-007	20	1.32	0.33	SL
1	25	9817-010	25	1.47	0.29	SL
1 ¼	25	9817-012	15	1.68	0.38	SL
1 ½	25	9817-015	10	1.88	0.44	SL
2	25	9817-020	5	2.16	0.60	SL
2 ½	25	9817-025	5	2.53	0.76	SL
3	25	9817-030	5	2.66	0.78	SL
4	25	9817-040	5	3.24	0.95	SL
6	25	9817-060	2	4.81	1.74	SL
8	25	9817-080	2	6.11	2.02	SL
10	02	9817-100	1	7.50	2.50	SL
12	02	9817-120	1	9.00	3.00	SL
14	06	9817-140N *	1	10.25	3.25	FAB
16	06	9817-160N *	1	11.75	3.75	FAB
18	06	9817-180N *	1	13.25	4.25	FAB
20	06	9817-200N *	1	14.75	4.75	FAB
24	06	9817-240N *	1	17.75	5.75	FAB

## 45° EII (FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	T [inch]	Design
¼	25	9819-002 *	50	0.76	0.40	HS
⅜	25	9819-003S *	50	0.94	0.41	HS
½	25	9819-005 ^	25	1.02	0.53	HS
¾	25	9819-007 ^	20	1.14	0.55	HS
1	25	9819-010 ^	25	1.33	0.68	HS
1 ¼	25	9819-012 ^	15	1.40	0.71	HS
1 ½	25	9819-015 ^	10	1.52	0.72	HS
2	25	9819-020 ^	5	1.72	0.76	HS
3	25	9819-030 ^	5	2.44	1.20	HS
4	25	9819-040 ^	5	2.77	1.30	HS

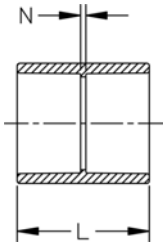
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

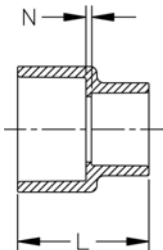
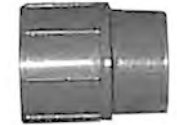
# CPVC Piping Systems

## Coupling (S x S)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design
¼	25	<b>9829-002S *</b>	50	1.39	0.14	HS
⅜	25	<b>9829-003S *</b>	50	1.64	0.14	HS
½	25	<b>9829-005</b>	25	1.93	0.13	SL
¾	25	<b>9829-007</b>	20	2.18	0.13	SL
1	25	<b>9829-010</b>	25	2.41	0.13	SL
1 ¼	25	<b>9829-012</b>	25	2.64	0.12	SL
1 ½	25	<b>9829-015</b>	10	2.90	0.13	SL
2	25	<b>9829-020</b>	5	3.14	0.12	SL
2 ½	25	<b>9829-025</b>	5	3.75	0.16	SL
3	25	<b>9829-030</b>	5	4.05	0.25	SL
4	25	<b>9829-040</b>	5	4.79	0.25	SL
6	25	<b>9829-060</b>	2	6.41	0.34	SL
8	25	<b>9829-080</b>	2	8.40	0.34	SL
10	02	<b>9829-100</b>	2	10.54	0.50	SL
12	02	<b>9829-120</b>	1	12.54	0.50	SL
14	06	<b>9829-140N *</b>	1	17.75	3.75	FAB
16	06	<b>9829-160N *</b>	1	20.25	4.25	FAB
18	06	<b>9829-180N *</b>	1	22.75	4.75	FAB
20	06	<b>9829-200N *</b>	1	25.25	5.25	FAB
24	06	<b>9829-240N *</b>	1	30.25	6.25	FAB

## Reducing Coupling (S x S)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design
¾ x ½	25	<b>9829-101</b>	25	2.16	0.14	HS
1 x ½	25	<b>9829-130</b>	25	2.12	0.09	HS
1 x ¾	25	<b>9829-131</b>	25	2.26	0.12	HS
1 ½ x ½	25	<b>9829-209FB *</b>	15	2.93	0.64	BUSH
1 ½ x ¾	25	<b>9829-210FB *</b>	15	2.93	0.54	BUSH
1 ½ x 1	25	<b>9829-211</b>	15	2.66	0.10	HS
1 ½ x 1 ¼	25	<b>9829-212</b>	20	2.82	0.10	HS
2 x ½	25	<b>9829-247FB *</b>	5	3.39	0.87	BUSH
2 x ¾	25	<b>9829-248FB *</b>	5	3.39	0.77	BUSH
2 x 1	25	<b>9829-249</b>	5	3.12	0.33	HS
2 x 1 ¼	25	<b>9829-250</b>	5	3.37	0.52	HS
2 x 1 ½	25	<b>9829-251</b>	5	3.05	0.10	HS
2 ½ x 1 ½	25	<b>9829-291</b>	5	3.30	0.13	HS
2 ½ x 2	25	<b>9829-292FB *</b>	5	4.00	0.65	BUSH
3 x 1 ½	25	<b>9829-337FB *</b>	5	3.91	0.56	BUSH
3 x 2	25	<b>9829-338</b>	5	3.61	0.16	HS
3 x 2 ½	25	<b>9829-339FB *</b>	5	4.58	0.64	BUSH
4 x 2	25	<b>9829-420FB *</b>	5	4.94	1.12	BUSH
4 x 2 ½	25	<b>9829-421FB *</b>	5	4.92	0.65	BUSH
4 x 3	25	<b>9829-422</b>	5	4.39	0.26	HS
6 x 4	25	<b>9829-532</b>	2	10.25	3.50	HS
8 x 4	25	<b>9829-582FB *</b>	1	8.75	2.59	BUSH
8 x 6	25	<b>9829-585</b>	2	9.12	2.07	HS
10 x 4	06	<b>9829-623N *</b>	1	14.00	10.00	FAB
10 x 6	06	<b>9829-626N *</b>	1	13.25	5.25	FAB
10 x 6	02	<b>9829-626FB *</b>	1	11.17	3.07	BUSH
10 x 8	06	<b>9829-628N *</b>	1	12.75	3.75	FAB
10 x 8	02	<b>9829-628FB *</b>	1	11.17	2.07	BUSH
12 x 8	06	<b>9829-668N *</b>	1	15.50	5.50	FAB
12 x 8	02	<b>9829-668FB *</b>	1	13.17	3.13	BUSH

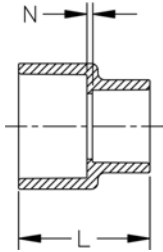
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^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

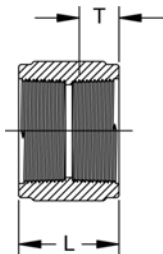


# CPVC Piping Systems



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]	Design
12 x 10	06	9829-670N *	1	15.00	4.00	FAB
12 x 10	02	9829-670FB *	1	13.17	2.13	BUSH
14 x 10	06	9829-702N *	1	17.00	5.00	FAB
14 x 12	06	9829-704N *	1	16.50	3.50	FAB
16 x 12	06	9829-738N *	1	19.25	5.25	FAB
16 x 14	06	9829-740N *	1	19.50	4.50	FAB
18 x 4	06	9829-784N *	1	48.50	37.50	FAB
18 x 6	06	9829-786N *	1	36.00	24.00	FAB
18 x 8	06	9829-788N *	1	42.50	29.50	FAB
18 x 10	06	9829-790N *	1	33.50	19.50	FAB
18 x 12	06	9829-792N *	1	22.00	7.00	FAB
18 x 14	06	9829-794N *	1	22.25	6.25	FAB
18 x 16	06	9829-796N *	1	21.75	4.75	FAB
20 x 4	06	9829-814N *	1	60.50	48.50	FAB
20 x 6	06	9829-816N *	1	55.50	42.50	FAB
20 x 8	06	9829-818N *	1	56.25	42.25	FAB
20 x 10	06	9829-820N *	1	47.25	32.25	FAB
20 x 12	06	9829-822N *	1	37.00	21.00	FAB
20 x 14	06	9829-824N *	1	37.25	20.25	FAB
20 x 16	06	9829-826N *	1	24.50	6.50	FAB
20 x 18	06	9829-828N *	1	24.00	5.00	FAB
24 x 4	06	9829-904N *	1	66.00	52.00	FAB
24 x 6	06	9829-906N *	1	61.00	46.00	FAB
24 x 8	06	9829-908N *	1	52.00	36.00	FAB
24 x 10	06	9829-910N *	1	52.75	35.75	FAB
24 x 12	06	9829-912N *	1	42.50	24.50	FAB
24 x 14	06	9829-914N *	1	42.75	23.75	FAB
24 x 16	06	9829-916N *	1	42.25	22.25	FAB
24 x 18	06	9829-918N *	1	29.50	8.50	FAB
24 x 20	06	9829-920N *	1	29.25	7.25	FAB

## Coupling (FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	Design
1/4	25	9830-002 *	50	1.30	0.40	HS
3/8	25	9830-003 *	50	1.34	0.41	HS
1/2	25	9830-005 ^	25	1.66	0.53	HS
3/4	25	9830-007 ^	25	1.73	0.55	HS
1	25	9830-010 ^	25	2.10	0.68	HS
1 1/4	25	9830-012 ^	25	2.19	0.71	HS
1 1/2	25	9830-015 ^	10	2.22	0.72	HS
2	25	9830-020 ^	5	2.29	0.76	HS
3	25	9830-030 ^	5	3.57	1.20	HS
4	25	9830-040 ^	5	3.73	1.30	HS

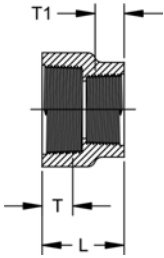
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

# CPVC Piping Systems

## Reducing Coupling (FPT x FPT)

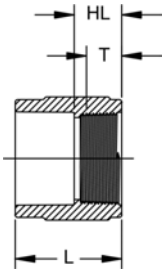


Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	T1 [inch]	Design
½ x ¼	25	<b>9830-072</b> *	50	1.45	0.53	0.40	HS
½ x ⅜	25	<b>9830-073</b> *	50	1.46	0.53	0.41	HS
¾ x ½	25	<b>9830-101</b> ^	25	1.69	0.55	0.53	HS
1 x ½	25	<b>9830-130</b> ^	25	1.83	0.68	0.53	HS
1 x ¾	25	<b>9830-131</b> ^	25	1.88	0.68	0.55	HS
1 ½ x 1	25	<b>9830-211</b> ^	20	1.91	0.71	0.68	HS

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

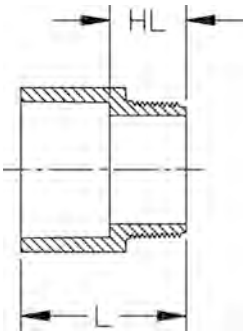
# CPVC Piping Systems

## Female Adapter (S x FPT)



Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	T [inch]	Design
¼	25	<b>9835-002 *</b>	50	0.75	1.43	0.40	HS
½	25	<b>9835-005</b>	25	0.91	1.79	0.53	HS
¾	25	<b>9835-007</b>	20	0.95	1.96	0.55	HS
1	25	<b>9835-010</b>	25	1.11	2.26	0.68	HS
1 ¼	25	<b>9835-012</b>	10	1.16	2.44	0.71	HS
1 ½	25	<b>9835-015</b>	10	1.19	2.58	0.72	HS
2	25	<b>9835-020</b>	5	1.23	2.74	0.76	HS
3	25	<b>9835-030</b>	5	1.91	3.82	1.20	HS
4	25	<b>9835-040</b>	5	2.02	4.29	1.30	HS
6	06	<b>9835-060N *</b>	1	4.50	7.50	1.51	FAB
8	06	<b>9835-080N *</b>	1	4.25	8.50	1.71	FAB
10	06	<b>9835-100N *</b>	1	5.00	10.00	2.00	FAB
12	06	<b>9835-120N *</b>	1	5.13	11.13	2.13	FAB

## Male Adapter (S x MPT)



Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	Design
½	25	<b>9836-005</b>	50	0.98	1.86	HS
¾	25	<b>9836-007</b>	25	1.00	2.04	SL
1	25	<b>9836-010</b>	25	1.21	2.39	HS
1 ¼	25	<b>9836-012</b>	15	1.29	2.56	HS
1 ½	25	<b>9836-015</b>	15	1.32	2.72	HS
2	25	<b>9836-020</b>	5	1.35	2.88	HS
3	25	<b>9836-030</b>	5	2.02	3.92	HS
4	25	<b>9836-040</b>	5	2.08	4.40	HS
6	06	<b>9836-060N *</b>	1	3.25	6.25	FAB
8	06	<b>9836-080N *</b>	1	3.50	7.50	FAB
10	06	<b>9836-100N *</b>	1	4.18	9.18	FAB
12	06	<b>9836-120N *</b>	1	4.63	10.63	FAB

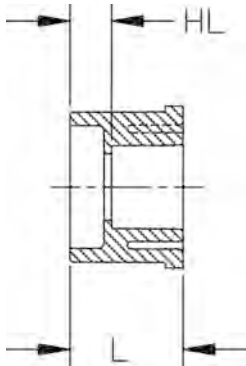
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

# CPVC Piping Systems

## Flush Style Reducer Bushing (SPG x S)

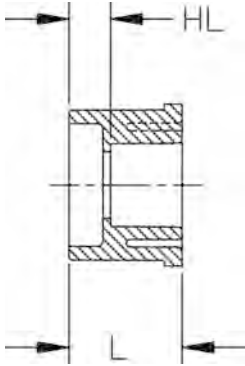


Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	Design
½ x ¼	25	<b>9837-072 *</b>	50	0.46	1.14	FLUSH
½ x ⅜	25	<b>9837-073 *</b>	50	0.32	1.10	FLUSH
¾ x ½	25	<b>9837-101</b>	50	0.40	1.29	FLUSH
1 x ½	25	<b>9837-130</b>	50	0.54	1.42	FLUSH
1 x ¾	25	<b>9837-131</b>	50	0.44	1.42	FLUSH
1 ¼ x ½	25	<b>9837-166</b>	25	0.66	1.56	FLUSH
1 ¼ x ¾	25	<b>9837-167</b>	25	0.55	1.57	FLUSH
1 ¼ x 1	25	<b>9837-168</b>	25	0.42	1.57	FLUSH
1 ½ x ½	25	<b>9837-209</b>	25	0.77	1.68	FLUSH
1 ½ x ¾	25	<b>9837-210</b>	25	0.67	1.69	FLUSH
1 ½ x 1	25	<b>9837-211</b>	25	0.55	1.68	FLUSH
1 ½ x 1 ¼	25	<b>9837-212</b>	25	0.42	1.70	FLUSH
2 x ½	25	<b>9837-247</b>	10	0.88	1.79	FLUSH
2 x ¾	25	<b>9837-248</b>	10	0.78	1.81	FLUSH
2 x 1	25	<b>9837-249</b>	10	0.66	1.81	FLUSH
2 x 1 ¼	25	<b>9837-250</b>	10	0.56	1.82	FLUSH
2 x 1 ½	25	<b>9837-251</b>	10	0.40	1.80	FLUSH
2 ½ x 1 ½	25	<b>9837-291</b>	5	0.96	2.43	FLUSH
2 ½ x 2	25	<b>9837-292</b>	5	0.55	2.13	FLUSH
3 x 1	25	<b>9837-335</b>	5	1.27	2.40	FLUSH
3 x 1 ½	25	<b>9837-337</b>	5	0.92	2.43	FLUSH
3 x 2	25	<b>9837-338</b>	5	0.87	2.43	FLUSH
3 x 2 ½	25	<b>9837-339</b>	5	0.39	2.23	FLUSH
4 x 2	25	<b>9837-420</b>	5	1.15	2.72	FLUSH
4 x 3	25	<b>9837-422</b>	5	0.77	2.76	FLUSH
6 x 3	25	<b>9837-530</b>	2	1.79	3.66	FLUSH
6 x 4	25	<b>9837-532</b>	2	1.13	3.66	FLUSH
8 x 6	25	<b>9837-585</b>	1	1.56	4.66	FLUSH
10 x 4	02	<b>9837-623FB *</b>	1	3.75	6.00	BUSH
10 x 4	06	<b>9837-623N *</b>	1	3.25	5.25	FAB
10 x 6	02	<b>9837-626S *</b>	1	2.57	5.66	FLUSH
10 x 8	02	<b>9837-628</b>	1	1.57	5.66	FLUSH
12 x 6	02	<b>9837-666FB *</b>	1	4.19	7.29	BUSH
12 x 6	06	<b>9837-666N *</b>	1	3.25	6.25	FAB
12 x 8	02	<b>9837-668S *</b>	1	2.63	6.72	FLUSH
12 x 10	02	<b>9837-670S</b>	1	1.63	6.72	FLUSH
14 x 4	06	<b>9837-696N *</b>	1	5.25	7.25	FAB
14 x 6	06	<b>9837-698N *</b>	1	4.25	7.25	FAB
14 x 8	06	<b>9837-700N *</b>	1	3.25	7.25	FAB
14 x 10	06	<b>9837-702N *</b>	1	2.25	7.25	FAB
14 x 12	06	<b>9837-704N *</b>	1	1.25	7.25	FAB
16 x 4	06	<b>9837-730N *</b>	1	6.25	8.25	FAB
16 x 6	06	<b>9837-732N *</b>	1	5.25	8.25	FAB
16 x 8	06	<b>9837-734N *</b>	1	4.25	8.25	FAB
16 x 10	06	<b>9837-736N *</b>	1	3.25	8.25	FAB
16 x 12	06	<b>9837-738N *</b>	1	2.25	8.25	FAB
16 x 14	06	<b>9837-740N *</b>	1	1.25	8.25	FAB
18 x 4	06	<b>9837-784N *</b>	1	7.25	9.25	FAB
18 x 6	06	<b>9837-786N *</b>	1	6.25	9.25	FAB
18 x 8	06	<b>9837-788N *</b>	1	5.25	9.25	FAB
18 x 10	06	<b>9837-790N *</b>	1	4.25	9.25	FAB
18 x 12	06	<b>9837-792N *</b>	1	3.25	9.25	FAB
18 x 14	06	<b>9837-794N *</b>	1	2.25	9.25	FAB
18 x 16	06	<b>9837-796N *</b>	1	1.25	9.25	FAB
20 x 4	06	<b>9837-814N *</b>	1	8.25	10.25	FAB

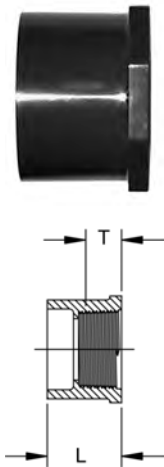
table continued next page

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

# CPVC Piping Systems



Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	Design
20 x 6	06	9837-816N *	1	7.25	10.25	FAB
20 x 8	06	9837-818N *	1	6.25	10.25	FAB
20 x 10	06	9837-820N *	1	5.25	10.25	FAB
20 x 12	06	9837-822N *	1	4.25	10.25	FAB
20 x 14	06	9837-824N *	1	3.25	10.25	FAB
20 x 16	06	9837-826N *	1	2.25	10.25	FAB
20 x 18	06	9837-828N *	1	1.25	10.25	FAB
24 x 4	06	9837-904N *	1	10.25	12.25	FAB
24 x 6	06	9837-906N *	1	9.25	12.25	FAB
24 x 8	06	9837-908N *	1	8.25	12.25	FAB
24 x 10	06	9837-910N *	1	7.25	12.25	FAB
24 x 12	06	9837-912N *	1	6.25	12.25	FAB
24 x 14	06	9837-914N *	1	5.25	12.25	FAB
24 x 16	06	9837-916N *	1	4.25	12.25	FAB
24 x 18	06	9837-918N *	1	3.25	12.25	FAB
24 x 20	06	9837-920N *	1	2.25	12.25	FAB



## Flush Style Reducer Bushing (SPG x FPT)

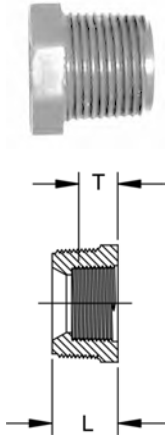
Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	Design
½ x ¼	25	9838-072 *	50	1.14	0.40	FLUSH
½ x ⅜	25	9838-073 *	50	1.12	0.41	FLUSH
¾ x ¼	25	9838-098 *	50	1.21	0.40	FLUSH
¾ x ½	25	9838-101	50	1.28	0.53	FLUSH
1 x ½	25	9838-130	50	1.42	0.53	FLUSH
1 x ¾	25	9838-131	50	1.41	0.55	FLUSH
1 ¼ x ½	25	9838-166	15	1.53	0.53	FLUSH
1 ¼ x ¾	25	9838-167	15	1.56	0.55	FLUSH
1 ¼ x 1	25	9838-168	15	1.55	0.68	FLUSH
1 ½ x ½	25	9838-209	15	1.68	0.53	FLUSH
1 ½ x ¾	25	9838-210	15	1.68	0.55	FLUSH
1 ½ x 1	25	9838-211	15	1.69	0.68	FLUSH
1 ½ x 1 ¼	25	9838-212	15	1.68	0.71	FLUSH
2 x ½	25	9838-247	10	1.80	0.53	FLUSH
2 x ¾	25	9838-248	10	1.80	0.55	FLUSH
2 x 1	25	9838-249	10	1.79	0.68	FLUSH
2 x 1 ¼	25	9838-250	10	1.78	0.71	FLUSH
2 x 1 ½	25	9838-251	10	1.79	0.72	FLUSH
2 ½ x 1 ½	25	9838-291	5	2.11	0.72	FLUSH
2 ½ x 2	25	9838-292	5	2.20	0.76	FLUSH
3 x 2	25	9838-338	5	2.44	0.76	FLUSH
4 x 2	25	9838-420	5	2.73	0.76	FLUSH
4 x 3	25	9838-422	5	2.75	0.38	FLUSH

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

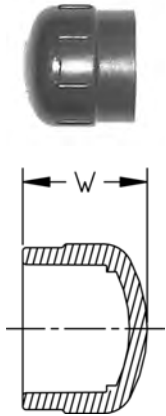
# CPVC Piping Systems

## Flush Style Reducer Bushing (MPT x FPT)



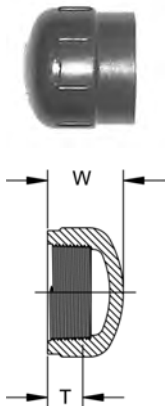
Size [inch]	P/L	Part No.	Pack Qty	L [inch]	T [inch]	Style
3/8 x 1/4	25	9839-052 *	50	0.79	0.40	FLUSH
1/2 x 1/4	25	9839-072 *	50	0.96	0.40	FLUSH
1/2 x 3/8	25	9839-073 *	50	0.94	0.41	FLUSH
3/4 x 3/8	25	9839-099 *	50	1.02	0.41	FLUSH
3/4 x 1/2	25	9839-101 ^	50	1.08	0.53	FLUSH
1 x 1/2	25	9839-130 ^	25	1.24	0.53	FLUSH
1 x 3/4	25	9839-131 ^	25	1.27	0.55	FLUSH
1 1/4 x 1	25	9839-168 ^	25	1.30	0.68	FLUSH
1 1/2 x 3/4	25	9839-210 ^	25	1.33	0.55	FLUSH
1 1/2 x 1	25	9839-211 ^	25	1.34	0.68	FLUSH
1 1/2 x 1 1/4	25	9839-212 ^	25	1.32	0.71	FLUSH
2 x 1	25	9839-249 ^	10	1.43	0.68	FLUSH
2 x 1 1/4	25	9839-250 ^	10	1.43	0.71	FLUSH
2 x 1 1/2	25	9839-251 ^	10	1.35	0.72	FLUSH

## Cap (S)



Size [inch]	P/L	Part No.	Pack Qty	W [inch]	Design
1/2	25	9847-005	50	1.29	HS
3/4	25	9847-007	25	1.46	HS
1	25	9847-010	25	1.67	HS
1 1/4	25	9847-012	15	1.88	HS
1 1/2	25	9847-015	10	2.09	HS
2	25	9847-020	5	2.32	HS
2 1/2	25	9847-025	5	2.73	HS
3	25	9847-030	5	3.05	HS
4	25	9847-040	5	3.67	HS
6	25	9847-060	2	4.93	HS
8	25	9847-080	2	6.29	SL
10	02	9847-100	1	7.88	SL
12	02	9847-120	1	9.38	SL
14	06	9847-140N *	1	5.75	FAB
16	06	9847-160N *	1	7.00	FAB
18	06	9847-180N *	1	8.25	FAB
20	06	9847-200N *	1	8.75	FAB
24	06	9847-240N *	1	10.25	FAB

## Cap (FPT)

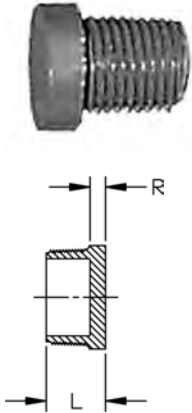


Size [inch]	P/L	Part No.	Pack Qty	W [inch]	T [inch]	Design
1/4	25	9848-002 *	50	0.93	0.40	HS
3/8	25	9848-003 *	50	0.95	0.41	HS
1/2	25	9848-005 ^	50	1.16	0.53	HS
3/4	25	9848-007 ^	25	1.24	0.55	HS
1	25	9848-010 ^	25	1.50	0.68	HS
1 1/4	25	9848-012 ^	15	1.61	0.71	HS
1 1/2	25	9848-015 ^	10	1.66	0.72	HS
2	25	9848-020 ^	5	1.84	0.76	HS

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

# CPVC Piping Systems

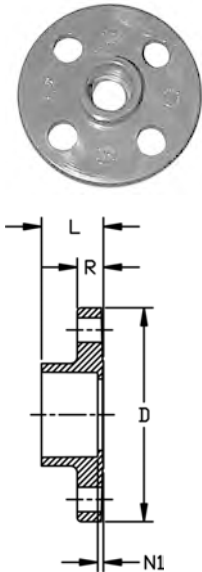
## Plug (MPT)



Size [inch]	P/L	Part No.	Pack Qty	L [inch]	R [inch]	Design
¼	25	<b>9850-002 *</b>	50	0.81	0.22	HS
⅜	25	<b>9850-003 *</b>	50	0.83	0.22	HS
½	25	<b>9850-005</b>	50	0.97	0.22	HS
¾	25	<b>9850-007</b>	50	1.04	0.25	HS
1	25	<b>9850-010</b>	25	1.25	0.27	HS
1 ½	25	<b>9850-015</b>	20	1.38	0.34	HS
2	25	<b>9850-020</b>	10	1.46	0.40	HS
2 ½	25	<b>9850-025S</b>	10	2.00	0.38	HS
3	25	<b>9850-030</b>	5	2.00	0.38	HS
4	25	<b>9850-040</b>	5	2.15	0.38	HS
6	06	<b>9850-060N *</b>	1	2.00	0.75	FAB
8	06	<b>9850-080N *</b>	1	2.00	0.75	FAB
10	06	<b>9850-100N *</b>	1	2.00	0.75	FAB
12	06	<b>9850-120N *</b>	1	2.00	0.75	FAB

## 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
½	25	<b>9851-005</b>	5	4	½	2.38	3.50	1.03	0.15	0.43	SOLID
¾	25	<b>9851-007</b>	5	4	½	2.75	3.88	1.21	0.19	0.44	SOLID
1	25	<b>9851-010</b>	5	4	½	3.13	4.23	1.29	0.15	0.56	HC
1 ¼	25	<b>9851-012</b>	5	4	½	3.50	4.63	1.42	0.16	0.56	HC
1 ½	25	<b>9851-015</b>	5	4	½	3.88	5.00	1.54	0.16	0.71	HC
2	25	<b>9851-020</b>	5	4	⅝	4.75	6.00	1.77	0.16	0.74	HC
2 ½	25	<b>9851-025</b>	5	4	⅝	5.50	7.00	2.01	0.19	0.89	SOLID
3	25	<b>9851-030</b>	5	4	⅝	6.00	7.50	2.20	0.31	1.12	WEB
4	25	<b>9851-040</b>	5	8	⅝	7.50	9.00	2.55	0.22	1.27	WEB
6	25	<b>9851-060</b>	2	8	¾	9.50	11.00	3.86	0.34	1.45	HC

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

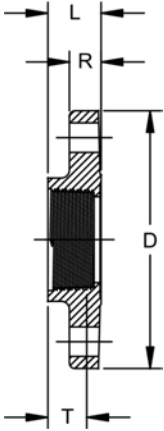
# CPVC Piping Systems

## Flange - One Piece (FPT)

150 psi @ 73°F (10.3 bar @ 22.7°C)

HC = Honeycomb (Front)

WEB = Webbed (Back)



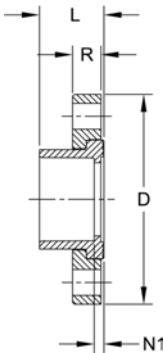
Size [inch]	P/L	Part No.	Pack Qty	# holes	Bolt Dia. [inch]	bolt cir. dia. [inch]	D [inch]	L [inch]	T [inch]	R [inch]	Design
1/2	25	9852-005 ^	5	4	1/2	2.38	3.50	0.94	0.53	0.44	SOLID
3/4	25	9852-007 ^	5	4	1/2	2.75	3.88	0.95	0.55	0.51	SOLID
1	25	9852-010 ^	5	4	1/2	3.13	4.25	1.13	0.68	0.55	HC
1 1/4	25	9852-012 ^	5	4	1/2	3.50	4.63	1.19	0.71	0.63	HC
1 1/2	25	9852-015 ^	5	4	1/2	3.88	5.00	1.21	0.72	0.72	HC
2	25	9852-020 ^	5	4	5/8	4.75	6.00	1.23	0.76	0.75	HC
2 1/2	25	9852-025 ^	5	4	5/8	5.50	7.00	1.75	1.14	0.80	HC
3	25	9852-030 ^	5	4	5/8	6.00	7.50	1.88	1.20	0.98	WEB
4	25	9852-040 ^	5	8	5/8	7.50	9.00	1.99	1.30	1.24	WEB

## Flange - Van Stone (S)

150 psi @ 73°F (10.3 bar @ 22.7°C)

14" – 24" pressure rating is 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
1/2	25	9854-005	5	4	1/2	2.38	3.50	1.03	0.11	0.57	HC
3/4	25	9854-007	5	4	1/2	2.75	3.88	1.15	0.13	0.58	HC
1	25	9854-010	5	4	1/2	3.13	4.25	1.38	0.11	0.66	HC
1 1/4	25	9854-012	5	4	1/2	3.50	4.63	1.45	0.14	0.69	HC
1 1/2	25	9854-015	5	4	1/2	3.88	5.00	1.59	0.15	0.76	HC
2	25	9854-020	5	4	5/8	4.75	6.00	1.76	0.20	0.82	HC
2 1/2	25	9854-025	5	4	5/8	5.50	7.00	2.05	0.22	0.98	HC
3	25	9854-030	5	4	5/8	6.00	7.50	2.25	0.30	1.02	HC
4	25	9854-040	5	8	5/8	7.50	9.00	2.65	0.34	1.11	HC
6	25	9854-060	2	8	3/4	9.50	11.00	3.59	0.48	1.27	HC
8	25	9854-080	2	8	3/4	11.75	13.50	4.63	0.50	1.73	HC
10	02	9854-100	2	12	7/8	14.25	16.00	5.63	0.50	1.73	HC
12	02	9854-120	2	12	7/8	17.00	19.00	6.69	0.56	1.73	HC
14	06	9854-140N *	1	12	1	18.75	21.00	11.75	0.50	4.75	FAB
16	06	9854-160N *	1	16	1	21.25	23.50	13.50	0.50	5.50	FAB
18	06	9854-180N *	1	16	1 1/8	22.75	25.00	15.50	0.50	6.50	FAB
20	06	9854-200N *	1	20	1 1/8	25.00	27.50	17.25	0.50	7.25	FAB
24	06	9854-240N *	1	20	1 1/4	29.50	32.00	19.50	0.50	7.50	FAB

^ = 40% Restock Charge

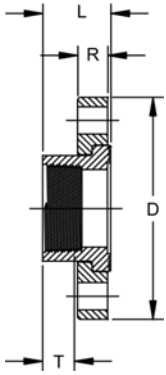
\* = Non-Cancelable/Non-Returnable



# CPVC Piping Systems

## Flange - Van Stone (FPT)

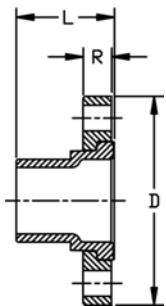
150 psi @ 73°F (10.3 bar @ 22.7°C)  
 HC = Honeycomb (Front)



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
1	25	<b>9855-010</b> ^	5	4	½	3.13	4.25	1.38	0.68	0.66	HC
1 ¼	25	<b>9855-012</b> ^	5	4	½	3.50	4.63	1.49	0.71	0.69	HC
1 ½	25	<b>9855-015</b> ^	5	4	½	3.88	5.00	1.61	0.72	0.76	HC
2	25	<b>9855-020</b> ^	5	4	¾	4.75	6.00	1.75	0.76	0.82	HC

## Flange - Van Stone (SPG)

150 psi @ 73°F (10.3 bar @ 22.7°C)  
 14" – 24" pressure rating is 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]	R [inch]	Design
½	25	<b>9856-005</b>	5	4	½	2.38	3.50	1.65	0.57	HC
¾	25	<b>9856-007</b>	5	4	½	2.75	3.88	1.78	0.58	HC
1	25	<b>9856-010</b>	5	4	½	3.13	4.25	2.02	0.66	HC
1 ¼	25	<b>9856-012</b>	5	4	½	3.50	4.63	2.20	0.69	HC
1 ½	25	<b>9856-015</b>	5	4	½	3.88	5.00	2.40	0.76	HC
2	25	<b>9856-020</b>	5	4	¾	4.75	6.00	2.72	0.82	HC
2 ½	25	<b>9856-025</b>	5	4	¾	5.50	7.00	3.19	0.98	HC
3	25	<b>9856-030</b>	5	4	¾	6.00	7.50	3.52	1.02	HC
4	25	<b>9856-040</b>	5	8	¾	7.50	9.00	4.02	1.11	HC
6	25	<b>9856-060</b> *	2	8	¾	9.50	11.00	5.09	1.37	HC
8	25	<b>9856-080</b> *	1	8	¾	11.75	13.50	6.85	1.73	HC
10	02	<b>9856-100</b> *	1	12	7/8	14.25	16.00	8.33	1.73	HC
12	02	<b>9856-120</b> *	1	12	7/8	17.00	19.00	9.54	1.73	HC
14	06	<b>9856-140N</b> *	1	12	1	18.75	21.00	13.00	0.50	FAB
16	06	<b>9856-160N</b> *	1	16	1	21.25	23.50	14.00	0.50	FAB
18	06	<b>9856-180N</b> *	1	16	1 1/8	22.75	25.00	16.00	0.50	FAB
20	06	<b>9856-200N</b> *	1	20	1 1/8	25.00	27.50	18.00	0.50	FAB
24	06	<b>9856-240N</b> *	1	20	1 1/4	29.50	32.00	20.00	0.50	FAB

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

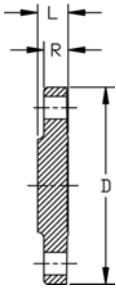
# CPVC Piping Systems

## Flange (Blind)

150 psi @ 73°F (10.3 bar @ 22.7°C)

10" – 24" pressure rating is 50 psi @ 73°F (3.5 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	25	<b>9853-005</b>	5	4	1/2	2.38	3.50	0.50	0.43	HC
3/4	25	<b>9853-007</b>	5	4	1/2	2.75	3.88	0.50	0.44	HC
1	25	<b>9853-010</b>	5	4	1/2	3.13	4.25	0.60	0.57	HC
1 1/4	25	<b>9853-012</b>	5	4	1/2	3.50	4.63	0.63	0.56	HC
1 1/2	25	<b>9853-015</b>	5	4	1/2	3.88	5.00	0.82	0.71	HC
2	25	<b>9853-020</b>	5	4	5/8	4.75	6.00	0.92	0.74	HC
2 1/2	25	<b>9853-025</b>	5	4	5/8	5.50	7.00	0.96	0.78	HC
3	25	<b>9853-030</b>	5	4	5/8	6.00	7.50	1.03	0.89	HC
4	25	<b>9853-040</b>	5	8	5/8	7.50	9.00	1.35	1.12	HC
6	25	<b>9853-060</b>	2	8	3/4	9.50	11.00	1.49	1.27	HC
8	25	<b>9853-080</b>	2	8	3/4	11.75	13.50	1.63	1.45	HC
10	06	<b>9853-100N *</b>	1	12	7/8	14.25	16.00	1.00	1.00	SOLID
12	06	<b>9853-120N *</b>	1	12	7/8	17.00	19.00	1.00	1.00	SOLID
14	06	<b>9853-140N *</b>	1	12	1	18.75	21.00	1.00	1.00	SOLID
16	06	<b>9853-160N *</b>	1	16	1	21.25	23.50	1.00	1.00	SOLID
18	06	<b>9853-180N *</b>	1	16	1 1/8	22.75	25.00	1.00	1.00	SOLID
20	06	<b>9853-200N *</b>	1	20	1 1/8	25.00	27.50	1.00	1.00	SOLID
24	06	<b>9853-240N *</b>	1	20	1 1/4	29.50	32.00	1.00	1.00	SOLID

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

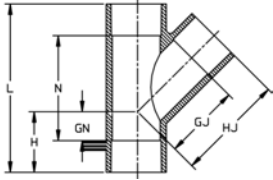
# CPVC Piping Systems

## 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	25	<b>9870-015S</b> *	20	2.41	0.69	2.06	3.75	5.81	3.06	SL
2	25	<b>9870-020</b>	10	3.61	1.38	2.89	5.16	8.05	5.00	SL
3	25	<b>9870-030</b>	4	5.00	1.66	3.55	6.88	10.46	6.63	SL
4	25	<b>9870-040</b>	4	6.38	1.84	4.20	8.75	12.96	8.25	SL
6	25	<b>9870-060</b>	2	8.50	1.81	4.86	11.59	16.50	10.39	HS
8	25	<b>9870-080S</b> *	1	11.06	2.06	6.06	15.25	21.25	13.31	SL
10	06	<b>9875-100N</b> *	1	16.98	5.73	10.73	21.98	33.21	23.21	FAB
12	06	<b>9875-120N</b> *	1	19.39	6.14	12.14	25.39	38.03	26.03	FAB
14	06	<b>9875-140N</b> *	1	25.75	7.00	14.00	32.75	41.75	27.75	FAB
16	06	<b>9875-160N</b> *	1	28.88	7.75	15.75	36.88	47.25	31.25	FAB
18	06	<b>9875-180N</b> *	1	32.50	8.50	17.50	41.50	53.00	35.00	FAB
20	06	<b>9875-200N</b> *	1	35.50	9.50	19.50	45.50	58.75	38.75	FAB
24	06	<b>9875-240N</b> *	1	42.00	11.00	23.00	54.00	70.00	46.00	FAB

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

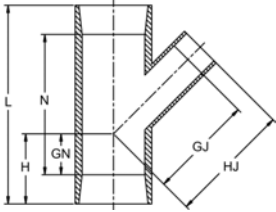
# CPVC Piping Systems

## 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)

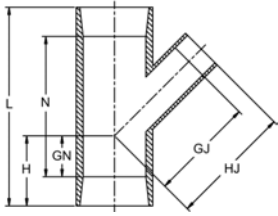


Size [inch]	P/L	Part No.
2 x 1 1/2	25	9870-251FB *
3 x 1 1/2	25	9870-337FB *
3 x 2	25	9870-338FB *
4 x 2	25	9870-420FB *
4 x 3	25	9870-422FB *
6 x 3	25	9870-530FB *
6 x 4	25	9870-532
8 x 4	25	9870-582FB *
8 x 6	25	9870-585FB *
10 x 4	06	9875-623N *
10 x 6	06	9875-626N *
10 x 8	06	9875-628N *
12 x 4	06	9875-663N *
12 x 6	06	9875-666N *
12 x 8	06	9875-668N *
12 x 10	06	9875-670N *
14 x 4	06	9875-696N *
14 x 6	06	9875-698N *
14 x 8	06	9875-700N *
14 x 10	06	9875-702N *
14 x 12	06	9875-704N *
16 x 4	06	9875-730N *
16 x 6	06	9875-732N *
16 x 8	06	9875-734N *
16 x 10	06	9875-736N *
16 x 12	06	9875-738N *
16 x 14	06	9875-740N *
18 x 4	06	9875-784N *
18 x 6	06	9875-786N *
18 x 8	06	9875-788N *
18 x 10	06	9875-790N *
18 x 12	06	9875-792N *
18 x 14	06	9875-794N *
18 x 16	06	9875-796N *
20 x 4	06	9875-814N *
20 x 6	06	9875-816N *
20 x 8	06	9875-818N *
20 x 10	06	9875-820N *
20 x 12	06	9875-822N *
20 x 14	06	9875-824N *
20 x 16	06	9875-826N *
20 x 18	06	9875-828N *
24 x 4	06	9875-904N *
24 x 6	06	9875-906N *
24 x 8	06	9875-908N *
24 x 10	06	9875-910N *
24 x 12	06	9875-912N *
24 x 14	06	9875-914N *
24 x 16	06	9875-916N *
24 x 18	06	9875-918N *
24 x 20	06	9875-920N *

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

table continued next page

# CPVC Piping Systems



Size [inch]	Pack Qty	GJ [inch]	GN [inch]	H [inch]	HJ [inch]	L [inch]	N [inch]	Design
2 x 1 1/2	10	4.03	1.38	2.88	5.43	8.02	5.00	BUSH
3 x 1 1/2	4	5.92	1.87	3.77	7.43	10.46	6.65	BUSH
3 x 2	4	5.87	1.87	3.77	7.43	10.46	6.65	BUSH
4 x 2	4	7.53	1.88	4.20	9.10	12.91	8.25	BUSH
4 x 3	4	7.15	1.88	4.20	9.14	12.91	8.25	BUSH
6 x 3	2	9.95	1.87	4.91	12.09	16.50	10.39	BUSH
6 x 4	2	7.18	1.87	4.91	9.45	16.50	10.39	HS
8 x 4	1	13.95	2.06	6.06	16.21	21.25	13.31	BUSH
8 x 6	1	12.62	2.06	6.06	15.72	21.25	13.31	BUSH
10 x 4	1	14.00	1.25	6.25	16.00	23.00	13.00	FAB
10 x 6	1	16.13	2.75	7.75	19.13	26.00	16.00	FAB
10 x 8	1	17.50	4.00	9.00	21.50	28.75	18.75	FAB
12 x 4	1	15.50	0.50	6.50	17.50	25.75	13.75	FAB
12 x 6	1	17.50	2.00	8.00	20.50	28.68	16.68	FAB
12 x 8	1	19.00	3.50	9.50	23.00	31.50	19.50	FAB
12 x 10	1	21.25	5.00	11.00	26.25	34.50	22.50	FAB
14 x 4	1	16.25	0.25	7.25	18.25	28.25	14.25	FAB
14 x 6	1	18.50	1.75	8.75	21.50	31.25	17.25	FAB
14 x 8	1	19.75	3.00	10.00	23.75	34.00	20.00	FAB
14 x 10	1	22.00	4.50	11.50	27.00	37.00	23.00	FAB
14 x 12	1	23.50	6.00	13.00	29.50	39.75	25.75	FAB
16 x 4	1	17.75	-0.75	7.25	19.75	31.00	15.00	FAB
16 x 6	1	19.88	1.00	9.00	22.88	34.00	18.00	FAB
16 x 8	1	21.25	2.50	10.50	25.25	36.75	20.75	FAB
16 x 10	1	23.50	4.00	12.00	28.50	39.75	23.75	FAB
16 x 12	1	25.00	5.50	13.50	31.00	42.75	26.75	FAB
16 x 14	1	27.25	6.25	14.25	34.25	44.50	28.50	FAB
18 x 4	1	19.00	-1.25	7.75	21.00	34.00	16.00	FAB
18 x 6	1	21.25	0.50	9.50	24.25	37.00	19.00	FAB
18 x 8	1	22.75	2.00	11.00	26.75	39.75	21.75	FAB
18 x 10	1	25.00	3.50	12.50	30.00	42.75	24.75	FAB
18 x 12	1	26.50	4.75	13.75	32.50	45.50	27.50	FAB
18 x 14	1	28.75	5.75	14.75	35.75	47.50	29.50	FAB
18 x 16	1	30.25	7.25	16.25	38.25	50.25	32.25	FAB
20 x 4	1	20.50	-1.75	8.25	22.50	36.75	16.75	FAB
20 x 6	1	22.75	-0.25	9.75	25.75	39.75	19.75	FAB
20 x 8	1	24.25	1.50	11.50	28.25	42.75	22.75	FAB
20 x 10	1	26.50	3.00	13.00	31.50	45.75	25.75	FAB
20 x 12	1	28.00	4.25	14.25	34.00	48.50	28.50	FAB
20 x 14	1	30.25	5.25	15.25	37.25	50.25	30.25	FAB
20 x 16	1	31.75	6.50	16.50	39.75	53.00	33.00	FAB
20 x 18	1	34.00	8.00	18.00	43.00	56.00	36.00	FAB
24 x 4	1	23.25	-3.00	9.00	25.25	42.50	18.50	FAB
24 x 6	1	25.50	-1.50	10.50	28.50	45.50	21.50	FAB
24 x 8	1	27.00	0.00	12.00	31.00	48.25	24.25	FAB
24 x 10	1	29.25	1.75	13.75	34.25	51.25	27.25	FAB
24 x 12	1	30.60	3.25	15.25	36.60	54.25	30.25	FAB
24 x 14	1	33.00	4.00	16.00	40.00	56.00	32.00	FAB
24 x 16	1	34.50	5.50	17.50	42.50	58.75	34.75	FAB
24 x 18	1	36.75	6.75	18.75	45.75	61.50	37.50	FAB
24 x 20	1	38.25	8.25	20.25	48.25	64.50	40.50	FAB

^ = 40% Restock Charge

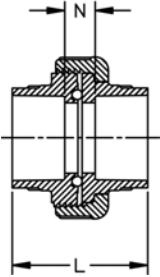
\* = Non-Cancelable/Non-Returnable

+GF+

# CPVC Piping Systems

## Union Type 375 (S x S)

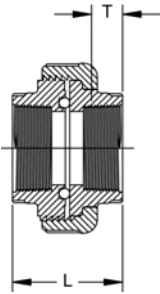
150 psi @ 73°F (10.3 bar @ 22.7°C)



Size [inch]	P/L	EPDM Part No.	FPM Part No.	Pack Qty	L [inch]	N [inch]
1/2	25	<b>9897-375-005</b>	<b>9857-375-005</b>	25	2.16	0.41
3/4	25	<b>9897-375-007</b>	<b>9857-375-007</b>	10	2.44	0.43
1	25	<b>9897-375-010</b>	<b>9857-375-010</b>	5	2.66	0.53
1 1/4	25	<b>9897-375-012</b>	<b>9857-375-012</b>	5	2.98	0.50
1 1/2	25	<b>9897-375-015</b>	<b>9857-375-015</b>	5	3.28	0.56
2	25	<b>9897-375-020</b>	<b>9857-375-020</b>	2	3.53	0.57

## Union Type 375 (FPT X FPT)

235 psi @ 73°F (16.2 bar @ 22.7°C)

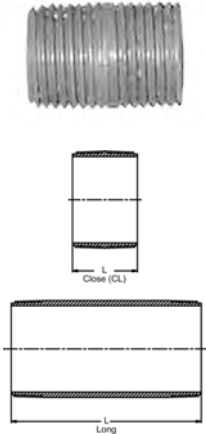


Size [inch]	P/L	EPDM Part No.	FPM Part No.	Pack Qty	L [inch]	T [inch]
1/2	25	<b>9898-375-005</b>	<b>9858-375-005</b>	25	2.03	0.53
3/4	25	<b>9898-375-007</b>	<b>9858-375-007</b>	10	2.11	0.55
1	25	<b>9898-375-010</b>	<b>9858-375-010</b>	5	2.56	0.68
1 1/4	25	<b>9898-375-012</b>	<b>9858-375-012</b>	5	2.79	0.71
1 1/2	25	<b>9898-375-015</b>	<b>9858-375-015</b>	5	2.72	0.72
2	25	<b>9898-375-020</b>	<b>9858-375-020</b>	2	2.89	0.76

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

# CPVC Piping Systems

## Nipple (MPT x MPT)



Size	P/L	Part No.	Pack Qty	L [inch]
1/2 x CL	25	<b>9861-077</b> *	50	1.13
1/2 x 2	25	<b>9861-079</b> *	50	2.00
1/2 x 3	25	<b>9861-081</b> *	50	3.00
1/2 x 4	25	<b>9861-082</b> *	50	4.00
1/2 x 5	25	<b>9861-083</b> *	50	5.00
1/2 x 6	25	<b>9861-084</b> *	50	6.00
3/4 x CL	25	<b>9861-104</b> *	25	1.38
3/4 x 2	25	<b>9861-020</b> *	25	2.00
3/4 x 3	25	<b>9861-106</b> *	25	3.00
3/4 x 4	25	<b>9861-107</b> *	25	4.00
3/4 x 5	25	<b>9861-108</b> *	25	5.00
3/4 x 6	25	<b>9861-109</b> *	25	6.00
1 x CL	25	<b>9861-133</b> *	25	1.50
1 x 2	25	<b>9861-134</b> *	25	2.00
1 x 3	25	<b>9861-135</b> *	25	3.00
1 x 4	25	<b>9861-136</b> *	25	4.00
1 x 5	25	<b>9861-137</b> *	25	5.00
1 x 6	25	<b>9861-138</b> *	25	6.00
1 1/4 x CL	25	<b>9861-170</b> *	25	1.63
1 1/4 x 2	25	<b>9861-171</b> *	25	2.00
1 1/4 x 3	25	<b>9861-172</b> *	25	3.00
1 1/4 x 4	25	<b>9861-173</b> *	25	4.00
1 1/4 x 5	25	<b>9861-174</b> *	25	5.00
1 1/4 x 6	25	<b>9861-175</b> *	25	6.00
1 1/2 x CL	25	<b>9861-213</b> *	25	1.75
1 1/2 x 2	25	<b>9861-214</b> *	25	2.00
1 1/2 x 3	25	<b>9861-215</b> *	25	3.00
1 1/2 x 4	25	<b>9861-216</b> *	25	4.00
1 1/2 x 5	25	<b>9861-217</b> *	25	5.00
1 1/2 x 6	25	<b>9861-218</b> *	25	6.00
2 x CL	25	<b>9861-251</b> *	25	2.00
2 x 2 1/2	25	<b>9861-252</b> *	25	2.50
2 x 3	25	<b>9861-253</b> *	25	3.00
2 x 4	25	<b>9861-254</b> *	25	4.00
2 x 5	25	<b>9861-255</b> *	25	5.00
2 x 6	25	<b>9861-256</b> *	25	6.00
2 1/2 x CL	25	<b>9861-291</b> *	5	2.50
2 1/2 x 3	25	<b>9861-292</b> *	5	3.00
2 1/2 x 4	25	<b>9861-295</b> *	5	4.00
2 1/2 x 5	25	<b>9861-296</b> *	5	5.00
2 1/2 x 6	25	<b>9861-297</b> *	5	6.00
3 x CL	25	<b>9861-338</b> *	5	2.63
3 x 3	25	<b>9861-340</b> *	5	3.00
3 x 4	25	<b>9861-341</b> *	5	4.00
3 x 5	25	<b>9861-342</b> *	5	5.00
3 x 6	25	<b>9861-343</b> *	5	6.00
4 x CL	25	<b>9861-422</b> *	5	2.88
4 x 4	25	<b>9861-423</b> *	5	4.00
4 x 5	25	<b>9861-425</b> *	5	5.00
4 x 6	25	<b>9861-426</b> *	5	6.00

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

# CPVC Piping Systems

## Schedule 80 CPVC Metal Transition Fittings

### Metal Union End Connectors Type 375 (316 SS)

150 psi @ 73°F (10.3 bar @ 22.7°C)

Union Sold Separately



Size [inch]	P/L	Part No.	Pack Qty
½	33	37X003314 *	1
¾	33	37X003315 *	1
1	33	37X003316 *	1
1 ¼	33	37X003317 *	1
1 ½	33	37X003318 *	1
2	33	37X003319 *	1

### CPVC-to-Brass Transition Fittings (SPG x FPT)

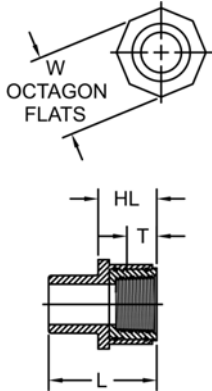
150 psi @ 73°F (10.3 bar @ 22.7°C)



Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	T [inch]	W [inch]
½	33	9878-005BR	25	1.02	1.76	0.53	1.25
¾	33	9878-007BR	15	1.09	2.08	0.55	1.50
1	33	9878-010BR	15	1.33	2.45	0.68	1.88
1 ¼	33	9878-012BR	15	1.39	2.51	0.71	2.25
1 ½	33	9878-015BR	10	1.45	2.76	0.72	2.56
2	33	9878-020BR	5	1.44	2.82	0.76	3.31

### CPVC-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	9878-005SS	25	1.02	1.76	0.53	1.25
¾	33	9878-007SS	15	1.09	2.08	0.55	1.50
1	33	9878-010SS	15	1.33	2.45	0.68	1.88
1 ¼	33	9878-012SS	15	1.39	2.51	0.71	2.25
1 ½	33	9878-015SS	10	1.45	2.76	0.72	2.56
2	33	9878-020SS	5	1.44	2.82	0.76	3.31

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



# CPVC Piping Systems

## Schedule 80 CPVC Expansion Joints

### Expansion Joint 6" Travel (S x S)

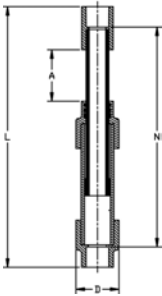


To order SxSPG add "P" to end of part number.

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	9826-005X6 *	9836-005X6 *	3.00	1.85	13.93	12.06
3/4	34	9826-007X6 *	9836-007X6 *	3.00	2.23	14.40	12.46
1	34	9826-010X6 *	9836-010X6 *	3.00	2.50	15.02	12.58
1 1/4	34	9826-012X6 *	9836-012X6 *	3.00	2.50	15.81	13.05
1 1/2	34	9826-015X6 *	9836-015X6 *	3.00	3.50	16.08	13.13
2	34	9826-020X6 *	9836-020X6 *	3.00	4.39	18.10	14.88
3	34	9826-030X6 *	9836-030X6 *	3.00	5.53	19.83	15.79
4	34	9826-040X6 *	9836-040X6 *	3.00	7.93	27.56	23.01
6	34	9826-060X6 *	9836-060X6 *	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	9826-005X12 *	9836-005X12 *	6.00	1.85	22.93	21.06
3/4	34	9826-007X12 *	9836-007X12 *	6.00	2.23	23.40	21.46
1	34	9826-010X12 *	9836-010X12 *	6.00	2.50	24.02	21.58
1 1/4	34	9826-012X12 *	9836-012X12 *	6.00	2.50	24.81	22.05
1 1/2	34	9826-015X12 *	9836-015X12 *	6.00	3.50	25.08	22.13
2	34	9826-020X12 *	9836-020X12 *	6.00	4.39	27.10	23.88
3	34	9826-030X12 *	9836-030X12 *	6.00	5.53	28.83	24.79
4	34	9826-040X12 *	9836-040X12 *	6.00	7.93	36.56	32.01
6	34	9826-060X12 *	9836-060X12 *	6.00	9.97	36.88	30.75

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable



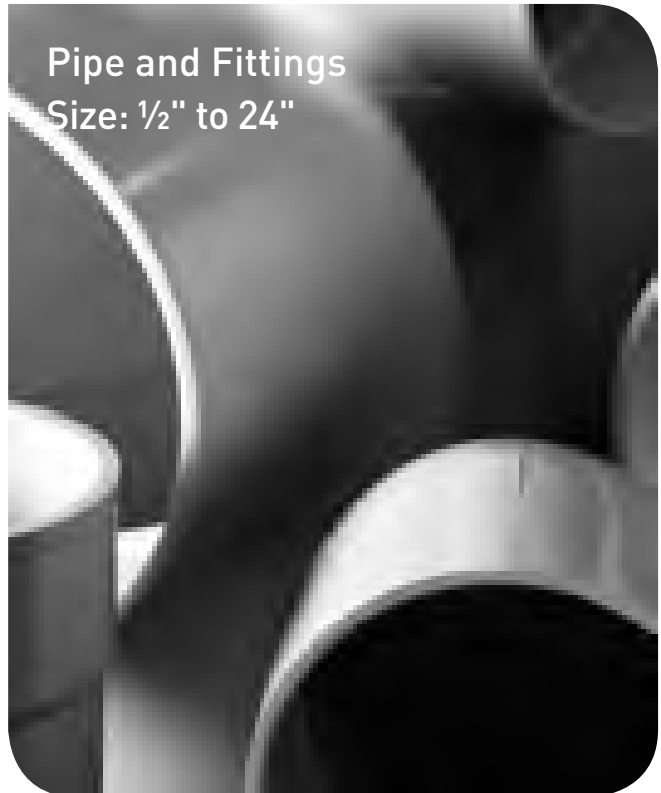
**Section 3**

**Schedule 40 PVC  
Piping Systems**

Effective August 27, 2012



**Pipe and Fittings  
Size: 1/2" to 24"**



P0800891

# Glossary

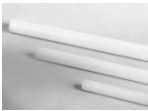

<b>FPT</b>	= Female Pipe Thread
<b>MPT</b>	= Male Pipe Thread
<b>S</b>	= Tapered Socket
<b>SPG</b>	= Spigot End (same dimension as pipe outside diameter)
<b>*</b>	= Non-Returnable / Non-cancellable
<b>^</b>	= 40% Restocking Fee
<b>BUSH</b>	= Assembled Fitting from Molded Components
<b>FAB</b>	= Fabricated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

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 Harvel Engineering and Installation Guide available online at [www.gfpiping.com/resource.html](http://www.gfpiping.com/resource.html) [see "Technical Docs"] or by calling (800) 854-4090.

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

# Schedule 40 PVC Piping Systems

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	3.5
	3.7

# Specifications and Standards

## Specifications and Standards

NSF/ANSI Standard 14

NSF/ANSI Standard 61

ASTM D 1784 : Material PVC Type I, Grade I White or Gray (cell classification 12454)

ASTM D 1785 : PVC Schedule 40 Pipe

ASTM D 2665 : PVC Schedule 40 Drain, Waste, and Vent (DWV)

ASTM D 2466 : PVC Schedule 40 Socket and Threaded Fittings

ASTM F 1498 : PVC Schedule 40 Taper Threads

ASTM D 2672 : PVC Schedule 40 Tapered Sockets for Bell End Pipe

ANSI B1.20.1 : PVC Schedule 40 NPT Threads

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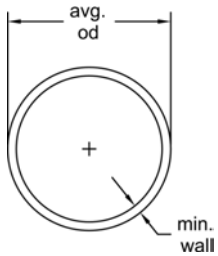
# Schedule 40 PVC Piping Systems

## Harvel® Schedule 40 PVC Pressure Pipe

### White Pipe - 20 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

Belled-end pipe available upon request



Pipe Size [inch]	Part No.
½	H0400050PW2000 *
¾	H0400075PW2000 *
1	H0400100PW2000 *
1 ¼	H0400125PW2000 *
1 ½	H0400150PW2000 *
2	H0400200PW2000 *
2 ½	H0400250PW2000 *
3	H0400300PW2000 *
3 ½	H0400350PW2000 *
4	H0400400PW2000 *
5	H0400500PW2000 *
6	H0400600PW2000 *
8	H0400800PW2000 *
10	H0401000PW2000 *
12	H0401200PW2000 *
14	H0401400PW2000 *
16	H0401600PW2000 *
18	H0401800PW2000 *
20	H0402000PW2000 *
24	H0402400PW2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.840	0.608	0.109	0.161	600
¾	5260	1.050	0.810	0.113	0.214	480
1	4280	1.315	1.033	0.133	0.315	450
1 ¼	2360	1.660	1.364	0.140	0.426	370
1 ½	2060	1.900	1.592	0.145	0.509	330
2	1660	2.375	2.049	0.154	0.682	280
2 ½	1080	2.875	2.445	0.203	1.076	300
3	840	3.500	3.042	0.216	1.409	260
3 ½	520	4.000	3.520	0.226	1.697	240
4	400	4.500	3.998	0.237	2.006	220
5	340	5.563	5.017	0.258	2.726	190
6	220	6.625	6.031	0.280	3.535	180
8	140	8.625	7.943	0.322	5.305	160
10	100	10.750	9.976	0.365	7.532	140
12	100	12.750	11.890	0.406	9.949	130
14	60	14.000	13.072	0.437	11.810	130
16	60	16.000	14.940	0.500	15.416	130
18	40	18.000	16.809	0.562	20.112	130
20	40	20.000	18.743	0.593	23.624	120
24	40	24.000	22.544	0.687	32.873	120

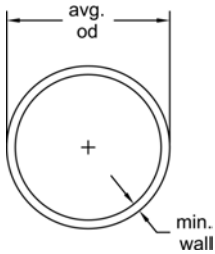
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

# Schedule 40 PVC Piping Systems

## Gray Pipe - 20 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Belled-end pipe available upon request



Pipe Size [inch]	Part No.
1/8	H0400013PG2000 *
1/4	H0400025PG2000 *
3/8	H0400038PG2000 *
1/2	H0400050PG2000 *
3/4	H0400075PG2000 *
1	H0400100PG2000 *
1 1/4	H0400125PG2000 *
1 1/2	H0400150PG2000 *
2	H0400200PG2000 *
2 1/2	H0400250PG2000 *
3	H0400300PG2000 *
3 1/2	H0400350PG2000 *
4	H0400400PG2000 *
5	H0400500PG2000 *
6	H0400600PG2000 *
8	H0400800PG2000 *
10	H0401000PG2000 *
12	H0401200PG2000 *
14	H0401400PG2000 *
16	H0401600PG2000 *
18	H0401800PG2000 *
20	H0402000PG2000 *
24	H0402400PG2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1/8		0.405	0.261	0.068	0.045	810
1/4		0.540	0.354	0.088	0.081	780
3/8		0.675	0.483	0.091	0.109	620
1/2	5700	0.840	0.608	0.109	0.161	600
3/4	5260	1.050	0.810	0.113	0.214	480
1	4280	1.315	1.033	0.133	0.315	450
1 1/4	2360	1.660	1.364	0.140	0.426	370
1 1/2	2060	1.900	1.592	0.145	0.509	330
2	1660	2.375	2.049	0.154	0.682	280
2 1/2	1080	2.875	2.445	0.203	1.076	300
3	840	3.500	3.042	0.216	1.409	260
3 1/2	520	4.000	3.520	0.226	1.697	240
4	400	4.500	3.998	0.237	2.006	220
5	340	5.563	5.017	0.258	2.726	190
6	220	6.625	6.031	0.280	3.535	180
8	140	8.625	7.943	0.322	5.305	160
10	100	10.750	9.976	0.365	7.532	140
12	100	12.750	11.890	0.406	9.949	130
14	60	14.000	13.072	0.437	11.810	130
16	60	16.000	14.940	0.500	15.416	130
18	40	18.000	16.809	0.562	20.112	130
20	40	20.000	18.743	0.593	23.624	120
24	40	24.000	22.544	0.687	32.873	120

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



# Schedule 40 PVC Piping Systems

## Schedule 40 PVC Pressure Fittings

### Tee (S x S x S)



Size	P/L	Part No.	Pack Qty
½	01	<b>401-005</b>	50
¾	01	<b>401-007</b>	50
1	01	<b>401-010</b>	50
1 ¼	01	<b>401-012</b>	25
1 ½	01	<b>401-015</b>	25
2	01	<b>401-020</b>	25
2 ½	01	<b>401-025</b>	10
3	01	<b>401-030</b>	10
4	01	<b>401-040</b>	5
6	01	<b>401-060</b>	4
8	01	<b>401-080</b>	2
10	02	<b>401-100</b>	1
12	02	<b>401-120</b>	1

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

# Schedule 40 PVC Piping Systems

## Reducing Tee (S x S x S)



Size [inch]	P/L	Part No.	Pack Qty
3/4 x 1/2 x 1/2	01	401-094	50
3/4 x 1/2 x 3/4	01	401-095	50
3/4 x 3/4 x 1/2	01	401-101	50
3/4 x 3/4 x 1	01	401-102	50
1 x 1/2 x 1	01	401-122	50
1 x 3/4 x 3/4	01	401-125	50
1 x 3/4 x 1	01	401-126	50
1 x 1 x 1/2	01	401-130	50
1 x 1 x 3/4	01	401-131	50
1 x 1 x 1 1/4	01	401-132	50
1 x 1 x 1 1/2	01	401-133	25
1 1/4 x 1 x 3/4	01	401-157	25
1 1/4 x 1 x 1	01	401-158	25
1 1/4 x 1 1/4 x 1/2	01	401-166	25
1 1/4 x 1 1/4 x 3/4	01	401-167	25
1 1/4 x 1 1/4 x 1	01	401-168	25
1 1/2 x 1 1/2 x 1/2	01	401-209	25
1 1/2 x 1 1/2 x 3/4	01	401-210	25
1 1/2 x 1 1/2 x 1	01	401-211	25
1 1/2 x 1 1/2 x 1 1/4	01	401-212	25
2 x 1 1/2 x 3/4	01	401-238	10
2 x 1 1/2 x 1	01	401-239	10
2 x 2 x 1/2	01	401-247	10
2 x 2 x 3/4	01	401-248	10
2 x 2 x 1	01	401-249	10
2 x 2 x 1 1/4	01	401-250	10
2 x 2 x 1 1/2	01	401-251	10
2 1/2 x 2 1/2 x 3/4	01	401-288	10
2 1/2 x 2 1/2 x 1	01	401-289	10
2 1/2 x 2 1/2 x 1 1/4	01	401-290	10
2 1/2 x 2 1/2 x 1 1/2	01	401-291	10
2 1/2 x 2 1/2 x 2	01	401-292	10
3 x 3 x 3/4	01	401-334	10
3 x 3 x 1	01	401-335	10
3 x 3 x 1 1/4	01	401-336	10
3 x 3 x 1 1/2	01	401-337	10
3 x 3 x 2	01	401-338	10
4 x 4 x 3/4	01	401-416	4
4 x 4 x 1	01	401-417	4
4 x 4 x 1 1/4	01	401-418	5
4 x 4 x 1 1/2	01	401-419	5
4 x 4 x 2	01	401-420	5
4 x 4 x 3	01	401-422	5
6 x 6 x 2	01	401-528	5
6 x 6 x 3	01	401-530	5
6 x 6 x 4	01	401-532	5
8 x 8 x 4	01	401-582	2
8 x 8 x 6	01	401-585	2
10 x 10 x 4	02	401-623	1
10 x 10 x 6	02	401-626	1
10 x 10 x 8	02	401-628	1
12 x 12 x 4	02	401-664	1
12 x 12 x 6	02	401-666	1
12 x 12 x 8	02	401-668	1
12 x 12 x 10	02	401-670	1

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

# Schedule 40 PVC Piping Systems

## Tee (S x S X FPT)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	<b>402-005</b>	50
3/4	01	<b>402-007</b>	50
1	01	<b>402-010</b>	50
1 1/4	01	<b>402-012</b>	25
1 1/2	01	<b>402-015</b>	25
2	01	<b>402-020</b>	10
3	01	<b>402-030</b>	10
4	01	<b>402-040</b>	5

## Reducing Tee (S x S x FPT)



Size [inch]	P/L	Part No.	Pack Qty
3/4 x 3/4 x 1/2	01	<b>402-101</b>	50
1 x 1 x 1/2	01	<b>402-130</b>	50
1 x 1 x 3/4	01	<b>402-131</b>	50
1 1/4 x 1 1/4 x 3/4	01	<b>402-167</b>	25
1 1/4 x 1 1/4 x 1	01	<b>402-168</b>	25
1 1/2 x 1 1/2 x 1/2	01	<b>402-209</b>	25
1 1/2 x 1 1/2 x 3/4	01	<b>402-210</b>	25
1 1/2 x 1 1/2 x 1	01	<b>402-211</b>	25
1 1/2 x 1 1/2 x 1 1/4	01	<b>402-212</b>	25
2 x 2 x 1/2	01	<b>402-247</b>	10
2 x 2 x 3/4	01	<b>402-248</b>	10
2 x 2 x 1	01	<b>402-249</b>	10
2 x 2 x 1 1/4	01	<b>402-250</b>	10
2 x 2 x 1 1/2	01	<b>402-251</b>	10
2 1/2 x 2 1/2 x 1 1/2	01	<b>402-291</b>	10
2 1/2 x 2 1/2 x 2	01	<b>402-292</b>	10
3 x 3 x 1 1/2	01	<b>402-337</b>	10
3 x 3 x 2	01	<b>402-338</b>	10
4 x 4 x 1 1/2	01	<b>402-419</b>	5
4 x 4 x 2	01	<b>402-420</b>	5
4 x 4 x 3	01	<b>402-422</b>	5
6 x 6 x 3	01	<b>402-530</b>	5
6 x 6 x 4	01	<b>402-532</b>	5

## Tee (FPT x FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	<b>405-005</b>	50
3/4	01	<b>405-007</b>	50
1	01	<b>405-010</b>	50
1 1/4	01	<b>405-012</b>	25
1 1/2	01	<b>405-015</b>	25

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

# Schedule 40 PVC Piping Systems

## 90° EII (S x S)



Size [inch]	P/L	Part No.	Pack Qty
½	01	406-005	50
¾	01	406-007	50
1	01	406-010	50
1 ¼	01	406-012	25
1 ½	01	406-015	25
2	01	406-020	25
2 ½	01	406-025	10
3	01	406-030	10
4	01	406-040	5
6	01	406-060	4
8	01	406-080	3
10	02	406-100	1
12	02	406-120	1

## Reducing 90° EII (S x S)



Size [inch]	P/L	Part No.	Pack Qty
¾ x ½	01	406-101	50
1 x ½	01	406-130	50
1 x ¾	01	406-131	50

## 90° EII (S x FPT)



Size [inch]	P/L	Part No.	Pack Qty
½	01	407-005	50
¾	01	407-007	50
1	01	407-010	50
1 ¼	01	407-012	25
1 ½	01	407-015	25
2	01	407-020	10
2 ½	01	407-025	10
3	01	407-030	10
4	01	407-040	5

## Reducing 90° EII (S x FPT)



Size [inch]	P/L	Part No.	Pack Qty
¾ x ½	01	407-101	50
1 x ½	01	407-130	50
1 x ¾	01	407-131	50
1 ¼ x 1	01	407-168	25
1 ½ x 1	01	407-211	25
1 ½ x 1 ¼	01	407-212	25
2 x 1	01	407-249	25
2 x 1 ¼	01	407-250	10
2 x 1 ½	01	407-251	10

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

# Schedule 40 PVC Piping Systems

## 90° EII (FPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	408-005 ^	50
3/4	01	408-007 ^	50
1	01	408-010 ^	50
1 1/4	01	408-012 ^	25
1 1/2	01	408-015 ^	25
2	01	408-020 ^	10

## 90° Street EII (S x SPG)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	409-005	50
3/4	01	409-007	50
1	01	409-010	50
1 1/4	01	409-012	25
1 1/2	01	409-015	25
2	01	409-020	10
2 1/2	01	409-025	10
3	01	409-030	10

## 90° Street EII (S x MPT)



Size	P/L	Part No.	Pack Qty
1/2	01	410-005 ^	50
3/4	01	410-007 ^	50
1	01	410-010 ^	50
1 1/4	01	410-012 ^	25
1 1/2	01	410-015 ^	25
2	01	410-020 ^	10

## 90° Street EII (FPT x MPT)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	412-005 ^	50
3/4	01	412-007 ^	50
1	01	412-010 ^	50
1 1/4	01	412-012 ^	25
1 1/2	01	412-015 ^	25

## Side Outlet Elbow (S x S x S)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	413-005 ^	50
3/4	01	413-007 ^	50
1	01	413-010 ^	25
1 1/2	01	413-015 ^	25
2	01	413-020 ^	10

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

# Schedule 40 PVC Piping Systems

## 45° Ell (S x S)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	417-005	50
3/4	01	417-007	50
1	01	417-010	50
1 1/4	01	417-012	25
1 1/2	01	417-015	25
2	01	417-020	25
2 1/2	01	417-025	10
3	01	417-030	10
4	01	417-040	5
6	01	417-060	4
8	01	417-080	4
10	02	417-100	1
12	02	417-120	1

## Cross (S x S x S x S)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	420-005 ^	50
3/4	01	420-007 ^	50
1	01	420-010 ^	50
1 1/4	01	420-012 ^	25
1 1/2	01	420-015 ^	25
2	01	420-020 ^	10
2 1/2	01	420-025 ^	8
3	01	420-030 ^	10
4	01	420-040 ^	5

## Reducing Cross (S x S x S x S)



Size [inch]	P/L	Part No.	Pack Qty
3 x 1 1/2	01	420-337 ^	10
3 x 2	01	420-338 ^	10
4 x 1 1/2	01	420-419 ^	5
4 x 2	01	420-420 ^	5

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

# Schedule 40 PVC Piping Systems

## Coupling (S x S)



Size [inch]	P/L	Part No.	Pack Qty
1/2	01	<b>429-005</b>	100
3/4	01	<b>429-007</b>	50
1	01	<b>429-010</b>	50
1 1/4	01	<b>429-012</b>	25
1 1/2	01	<b>429-015</b>	25
2	01	<b>429-020</b>	25
2 1/2	01	<b>429-025</b>	10
3	01	<b>429-030</b>	10
4	01	<b>429-040</b>	5
6	01	<b>429-060</b>	5
8	01	<b>429-080</b>	4
10	02	<b>429-100</b>	1
12	02	<b>429-120</b>	1



## Reducing Coupling (S x S)

Size [inch]	P/L	Part No.	Pack Qty
3/4 x 1/2	01	<b>429-101</b>	50
1 x 3/4	01	<b>429-131</b>	50
1 1/4 x 1	01	<b>429-168</b>	25
1 1/2 x 1 1/4	01	<b>429-212</b>	25
2 x 1 1/2	01	<b>429-251</b>	10
3 x 2	01	<b>429-338</b>	5
4 x 3	01	<b>429-422</b>	4
6 x 4	01	<b>429-532</b>	4
8 x 4	01	<b>429-582</b>	4
8 x 6	01	<b>429-585</b>	4
10 x 6	02	<b>429-626</b>	1
10 x 8	02	<b>429-628</b>	1
12 x 8	02	<b>429-668</b>	1
12 x 10	02	<b>429-670</b>	1



## Coupling (FPT x FPT)

Size [inch]	P/L	Part No.	Pack Qty
1/2	01	<b>430-005</b> ^	100
3/4	01	<b>430-007</b> ^	50
1	01	<b>430-010</b> ^	50
2	01	<b>430-020</b> ^	25

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

# Schedule 40 PVC Piping Systems

## Female Adapter (S x FPT)



Size [inch]	P/L	Part No.	Pack Qty
½	01	<b>435-005</b>	100
¾	01	<b>435-007</b>	50
1	01	<b>435-010</b>	50
1 ¼	01	<b>435-012</b>	25
1 ½	01	<b>435-015</b>	25
2	01	<b>435-020</b>	25
2 ½	01	<b>435-025</b>	10
3	01	<b>435-030</b>	10
4	01	<b>435-040</b>	5
6	01	<b>435-060</b>	4
8	01	<b>435-080</b>	4

## Reducing Female Adapter (S x FPT)



Size [inch]	P/L	Part No.	Pack Qty
¾ x ½	01	<b>435-101</b>	50
¾ x 1	01	<b>435-102</b>	50
1 x ¾	01	<b>435-131</b>	50
1 x 1 ½	01	<b>435-211</b>	25

## Male Adapter (MPT x S)



Size [inch]	P/L	Part No.	Pack Qty
½	01	<b>436-005</b>	100
¾	01	<b>436-007</b>	50
1	01	<b>436-010</b>	50
1 ¼	01	<b>436-012</b>	25
1 ½	01	<b>436-015</b>	25
2	01	<b>436-020</b>	25
2 ½	01	<b>436-025</b>	10
3	01	<b>436-030</b>	10
4	01	<b>436-040</b>	5
6	01	<b>436-060</b>	4
8	01	<b>436-080</b>	4

## Reducing Male Adapter (MPT x S)



Size [inch]	P/L	Part No.	Pack Qty
½ x ¾	01	<b>436-074</b>	50
¾ x ½	01	<b>436-101</b>	50
¾ x 1	01	<b>436-102</b>	50
1 x ¾	01	<b>436-131</b>	50
1 x 1 ¼	01	<b>436-132</b>	25
1 ¼ x 1	01	<b>436-168</b>	25
1 ¼ x 1 ½	01	<b>436-169</b>	25
1 ½ x 1 ¼	01	<b>436-212</b>	25
1 ½ x 2	01	<b>436-213</b>	10
2 x 1 ½	01	<b>436-251</b>	10

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



# Schedule 40 PVC Piping Systems

## Reducer Bushing (SPG x S)



Size [inch]	P/L	Part No.	Pack Qty
3/4 x 1/2	01	<b>437-101</b>	100
1 x 1/2	01	<b>437-130</b>	100
1 x 3/4	01	<b>437-131</b>	100
1 1/4 x 1/2	01	<b>437-166</b>	25
1 1/4 x 3/4	01	<b>437-167</b>	25
1 1/4 x 1	01	<b>437-168</b>	25
1 1/2 x 1/2	01	<b>437-209</b>	25
1 1/2 x 3/4	01	<b>437-210</b>	25
1 1/2 x 1	01	<b>437-211</b>	25
1 1/2 x 1 1/4	01	<b>437-212</b>	25
2 x 1/2	01	<b>437-247</b>	10
2 x 3/4	01	<b>437-248</b>	10
2 x 1	01	<b>437-249</b>	10
2 x 1 1/4	01	<b>437-250</b>	10
2 x 1 1/2	01	<b>437-251</b>	25
2 1/2 x 1	01	<b>437-289</b>	10
2 1/2 x 1 1/4	01	<b>437-290</b>	10
2 1/2 x 1 1/2	01	<b>437-291</b>	10
2 1/2 x 2	01	<b>437-292</b>	10
3 x 1	01	<b>437-335</b>	10
3 x 1 1/4	01	<b>437-336</b>	10
3 x 1 1/2	01	<b>437-337</b>	10
3 x 2	01	<b>437-338</b>	10
3 x 2 1/2	01	<b>437-339</b>	10
4 x 2	01	<b>437-420</b>	5
4 x 2 1/2	01	<b>437-421</b>	5
4 x 3	01	<b>437-422</b>	5
6 x 3	01	<b>437-530</b>	5
6 x 4	01	<b>437-532</b>	5
8 x 4	01	<b>437-582</b>	5
8 x 6	01	<b>437-585</b>	5
10 x 3	02	<b>437-622</b>	1
10 x 4	02	<b>437-623</b>	1
10 x 6	02	<b>437-626</b>	1
10 x 8	02	<b>437-628</b>	1
12 x 3	02	<b>437-661</b>	1
12 x 4	02	<b>437-664</b>	1
12 x 6	02	<b>437-666</b>	1
12 x 8	02	<b>437-668</b>	1
12 x 10	02	<b>437-670</b>	1

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

# Schedule 40 PVC Piping Systems

## Reducer Bushing (SPG x FPT)



Size [inch]	P/L	Part No.	Pack Qty
½ x ¼	01	438-072	100
½ x ⅜	01	438-073	100
¾ x ¼	01	438-098	50
¾ x ½	01	438-101	100
1 x ½	01	438-130	100
1 x ¾	01	438-131	100
1 ¼ x ½	01	438-166	25
1 ¼ x ¾	01	438-167	25
1 ¼ x 1	01	438-168	25
1 ½ x ½	01	438-209	25
1 ½ x ¾	01	438-210	25
1 ½ x 1	01	438-211	25
1 ½ x 1 ¼	01	438-212	25
2 x ½	01	438-247	10
2 x ¾	01	438-248	10
2 x 1	01	438-249	10
2 x 1 ¼	01	438-250	10
2 x 1 ½	01	438-251	10
2 ½ x 1 1	01	438-291	10
2 ½ x 2	01	438-292	10
3 x 1 ½	01	438-337	10
3 x 2	01	438-338	10
3 x 2 ½	01	438-339	10
4 x 2	01	438-420	5
4 x 2 ½	01	438-421	5
4 x 3	01	438-422	5
6 x 4	01	438-532	5

## Reducer Bushing (MPT x FPT)



Size [inch]	P/L	Part No.	Pack Qty
½ x ¼	01	439-072 ^	50
½ x ⅜	01	439-073 ^	50
¾ x ¼	01	439-098 ^	50
¾ x ½	01	439-101 ^	50
1 x ½	01	439-130 ^	50
1 x ¾	01	439-131 ^	50
1 ¼ x ½	01	439-166 ^	25
1 ¼ x ¾	01	439-167 ^	25
1 ¼ x 1	01	439-168 ^	25
1 ½ x ½	01	439-209 ^	25
1 ½ x ¾	01	439-210 ^	25
1 ½ x 1	01	439-211 ^	25
1 ½ x 1 ¼	01	439-212 ^	25
2 x 1	01	439-249 ^	10
2 x 1 ¼	01	439-250 ^	10
2 x 1 ½	01	439-251 ^	10
2 ½ x 2	01	439-292 ^	10
3 x 2	01	439-338 ^	5

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

# Schedule 40 PVC Piping Systems

## Cap (S)



Size [inch]	P/L	Part No.	Pack Qty
½	01	<b>447-005</b>	100
¾	01	<b>447-007</b>	100
1	01	<b>447-010</b>	50
1 ¼	01	<b>447-012</b>	25
1 ½	01	<b>447-015</b>	25
2	01	<b>447-020</b>	25
2 ½	01	<b>447-025</b>	10
3	01	<b>447-030</b>	10
4	01	<b>447-040</b>	5
6	01	<b>447-060</b>	5
8	01	<b>447-080</b>	4
10	02	<b>447-100</b>	1
12	02	<b>447-120</b>	1

## Cap (FPT)



Size [inch]	P/L	Part No.	Pack Qty
½	01	<b>448-005</b> ^	100
¾	01	<b>448-007</b> ^	100
1	01	<b>448-010</b> ^	50
1 ¼	01	<b>448-012</b> ^	25
1 ½	01	<b>448-015</b> ^	25
2	01	<b>448-020</b> ^	10
2 ½	01	<b>448-025</b> ^	10
3	01	<b>448-030</b> ^	10
4	01	<b>448-040</b> ^	5

## Plug (SPG)



Size [inch]	P/L	Part No.	Pack Qty
½	01	<b>449-005</b>	50
¾	01	<b>449-007</b>	50
1	01	<b>449-010</b>	50
1 ¼	01	<b>449-012</b>	25
1 ½	01	<b>449-015</b>	25
2	01	<b>449-020</b>	10
2 ½	01	<b>449-025</b>	10
3	01	<b>449-030</b>	10
4	01	<b>449-040</b>	5

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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# Schedule 40 PVC Piping Systems

## Plug (MPT)



Size [inch]	P/L	Part No.	Pack Qty
½	01	<b>450-005</b>	50
¾	01	<b>450-007</b>	50
1	01	<b>450-010</b>	50
1 ¼	01	<b>450-012</b>	25
1 ½	01	<b>450-015</b>	25
2	01	<b>450-020</b>	10
2 ½	01	<b>450-025</b>	10
3	01	<b>450-030</b>	10
4	01	<b>450-040</b>	5

## Union (S x S)

150 psi @ 73°F (10.3 bar @ 22.7°C)



Size [inch]	P/L	Buna-N Part No.	Pack Qty
½	01	<b>457-005</b>	10
¾	01	<b>457-007</b>	10
1	01	<b>457-010</b>	10
1 ¼	01	<b>457-012</b>	5
1 ½	01	<b>457-015</b>	5
2	01	<b>457-020</b>	5

## Union (FPT x FPT)

150 psi @ 73°F (10.3 bar @ 22.7°C)



Size [inch]	P/L	Buna-N Part No.	Pack Qty
½	01	<b>458-005</b> ^	10
¾	01	<b>458-007</b> ^	10
1	01	<b>458-010</b> ^	10
1 ¼	01	<b>458-012</b> ^	5
1 ½	01	<b>458-015</b> ^	5
2	01	<b>458-020</b> ^	5

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

# Section 4

## Clear PVC Piping System

Effective August 27, 2012




PD801557

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 Harvel Engineering and Installation Guide available online at [www.gfpiping.com/resource.html](http://www.gfpiping.com/resource.html) [see "Technical Docs"] or by calling (800) 854-4090.

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

# Clear PVC Piping Systems

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 Harvel® Clear PVC Pressure Pipe	4.5
Clear PVC Fittings	4.7

# Specifications and Standards

## Specifications and Standards

NSF/ANSI Standard 61

FDA Title 21

- ASTM D 1784 : PVC Material, Clear, Cell Classification 12454
- ASTM D 1785 : PVC Schedule 40 & Schedule 80 Pipe Dimensions
- ASTM D 2672 : PVC Schedule 40 Tapered Sockets for Bell End Pipe
- ASTM D 2466 : PVC Schedule 40 Socket & Threaded Fittings
- ASTM D 2467 : PVC Schedule 80 Socket & Threaded Fittings
- ANSI B1.20.1 : PVC Schedule 80 NPT Threads

## Molded Dimension Tolerances

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

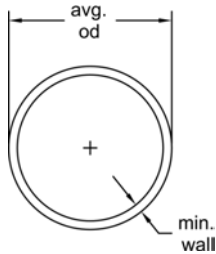


# Clear PVC Piping Systems

## Harvel® Clear PVC Pressure Pipe

### Schedule 40 Clear PVC - 10 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Clear pipe packaged in polybags and boxed - Sold in carton quantities only  
 Belled-end pipe available upon request



Size [inch]	Part No.
1/4	H0400025PL1000 *
3/8	H0400038PL1000 *
1/2	H0400050PL1000 *
3/4	H0400075PL1000 *
1	H0400100PL1000 *
1 1/4	H0400125PL1000 *
1-1/2	H0400150PL1000 *
2	H0400200PL1000 *
2 1/2	H0400250PL1000 *
3	H0400300PL1000 *
3 1/2	H0400350PL1000 *
4	H0400400PL1000 *
5	H0400500PL1000 *
6	H0400600PL1000 *
6 x 1/8	H0400613PL1000 *
8	H0400800PL1000 *
10	H0401000PL1000 *
12	H0401200PL1000 *

Size [inch]	Lgth/Carton [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1/4	100	0.540	0.354	0.088	0.081	390
3/8	100	0.675	0.483	0.091	0.109	310
1/2	350	0.840	0.608	0.109	0.161	300
3/4	250	1.050	0.810	0.113	0.214	240
1	250	1.315	1.033	0.133	0.315	220
1 1/4	200	1.660	1.364	0.140	0.426	180
1-1/2	160	1.900	1.592	0.145	0.509	170
2	120	2.375	2.049	0.154	0.682	140
2 1/2	80	2.875	2.445	0.203	1.076	150
3	60	3.500	3.042	0.216	1.409	130
3 1/2	40	4.000	3.520	0.226	1.697	120
4	40	4.500	3.998	0.237	2.006	110
5	10	5.563	5.017	0.258	2.726	95
6	10	6.625	6.031	0.280	3.535	90
6 x 1/8	10	6.625	6.355	0.110	1.530	45
8	10	8.625	7.943	0.322	5.305	80
10	10	10.750	9.976	0.365	7.532	70
12	10	12.750	11.890	0.406	9.949	70

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

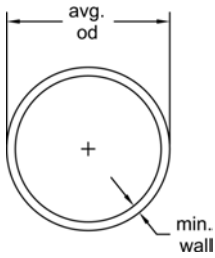
# Clear PVC Piping Systems

## Schedule 80 Clear PVC - 10 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

Clear pipe packaged in polybags and boxed - Sold in carton quantities only

Belled-end pipe available upon request



Size [inch]	Part No.
1/4	H0800025PL1000 *
3/8	H0800038PL1000 *
1/2	H0800050PL1000 *
3/4	H0800075PL1000 *
1	H0800100PL1000 *
1 1/4	H0800125PL1000 *
1 1/2	H0800150PL1000 *
2	H0800200PL1000 *
2 1/2	H0800250PL1000 *
3	H0800300PL1000 *
4	H0800400PL1000 *
6	H0800600PL1000 *

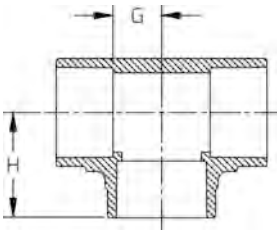
Size [inch]	Lgth/Carton [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1/4	100	0.540	0.288	0.119	0.100	570
3/8	100	0.675	0.407	0.126	0.138	460
1/2	350	0.840	0.528	0.147	0.202	420
3/4	250	1.050	0.724	0.154	0.273	340
1	200	1.315	0.935	0.179	0.402	320
1 1/4	120	1.660	1.256	0.191	0.554	260
1 1/2	100	1.900	1.476	0.200	0.673	240
2	60	2.375	1.913	0.218	0.932	200
2 1/2	50	2.875	2.289	0.276	1.419	210
3	40	3.500	2.864	0.300	1.903	190
4	30	4.500	3.786	0.337	2.782	160
6	10	6.625	5.709	0.432	5.313	140

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

# Clear PVC Piping Systems

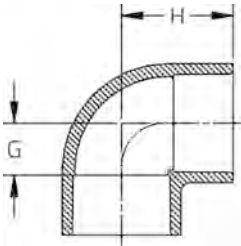
## Clear PVC Fittings

### Tee (S x S x S)



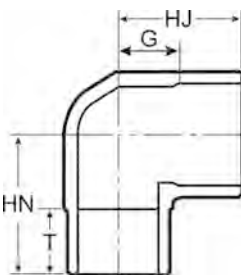
Size	P/L	Part No.	Pack Qty	H [inch]	G [inch]
¼	35	H401002L	10	0.92	0.29
⅜	35	H401003L	10	1.16	0.40
½	35	H401005L	25	1.49	0.50
¾	35	H401007L	25	1.61	0.56
1	35	H401010L	25	1.86	0.72
1 ¼	35	H401012L	10	2.19	0.91
1 ½	35	H401015L	10	2.44	1.06
2	35	H401020L	10	2.78	1.29
2 ½	35	H401025L	5	3.33	1.50
3	35	H401030L	5	3.75	1.85
4	35	H401040L	5	4.63	2.38
6	35	H401060L	2	6.63	3.55
8	35	H401080L	1	8.70	4.59

### 90° EII (S x S)



Size [inch]	P/L	Part No.	Pack Qty	H [inch]	G [inch]
¼	35	H406002L	10	0.95	0.33
⅜	35	H406003L	10	1.17	0.41
½	35	H406005L	25	1.41	0.50
¾	35	H406007L	25	1.61	0.56
1	35	H406010L	25	1.86	0.69
1 ¼	35	H406012L	10	2.16	0.91
1 ½	35	H406015L	10	2.41	1.03
2	35	H406020L	10	2.78	1.28
2 ½	35	H406025L	5	3.29	1.53
3	35	H406030L	5	3.75	1.85
4	35	H406040L	5	4.60	2.34
6	35	H406060L	2	6.70	3.69
8	35	H406080L	1	8.67	4.59

### 90° Street EII (SPG x S)



Size	P/L	Part No.	Pack Qty	HJ [inch]	HN [inch]	G [inch]	T [inch]
½	35	H409005L	25	1.43	1.66	0.43	0.84
¾	35	H409007L	25	1.68	1.84	0.68	0.94
1	35	H409010L	25	2.00	2.22	0.75	1.16
1 ¼	35	H409012L	10	2.25	2.59	0.81	1.31
1 ½	35	H409015L	10	2.56	13.31	1.18	11.88
2	35	H409020L	10	2.96	3.25	3.25	1.50
2 ½	35	H409025L	5	3.37	4.50	4.50	2.00

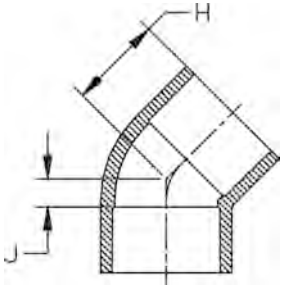
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

+GF+

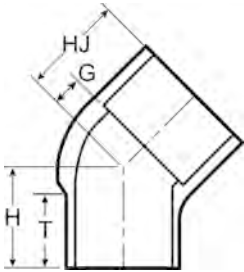
# Clear PVC Piping Systems

## 45° EII (S x S)



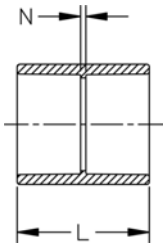
Size [inch]	P/L	Part No.	Pack Qty	H [inch]	J [inch]
¼	35	H417002L	10	0.81	0.13
⅜	35	H417003L	10	0.94	0.19
½	35	H417005L	25	1.21	0.25
¾	35	H417007L	25	1.32	0.33
1	35	H417010L	25	1.47	0.29
1 ¼	35	H417012L	10	1.70	0.40
1 ½	35	H417015L	10	1.88	0.44
2	35	H417020L	10	2.16	0.60
2 ½	35	H417025L	5	2.53	0.76
3	35	H417030L	5	2.66	0.78
4	35	H417040L	5	3.24	0.95
6	35	H417060L	2	4.81	1.74
8	35	H417080L	1	6.11	2.02

## 45° Street EII (SPG x S)



Size [inch]	P/L	Part No.	Pack Qty	HJ [inch]	H [inch]	G [inch]	T [inch]
½	35	H427005L	25	1.31	1.28	0.43	0.93
¾	35	H427007L	25	1.50	1.50	0.50	1.06
1	35	H427010L	25	1.68	1.59	0.59	1.18
1 ¼	35	H427012L	10	1.90	1.78	0.65	1.28
1 ½	35	H427015L	10	2.12	2.03	0.78	1.43
2	35	H427020L	10	2.34	2.31	0.37	1.62
2 ½	35	H427025L	5	2.56	3.68	0.81	2.00
3	35	H427030L	5	2.81	3.25	0.90	2.06
4	35	H427040L	5	3.81	3.81	1.56	2.53

## Coupling (S x S)

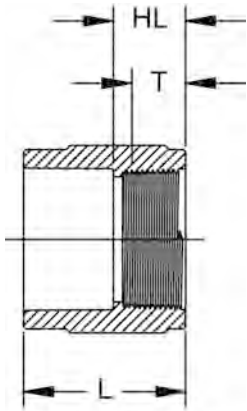


Size [inch]	P/L	Part No.	Pack Qty	L [inch]	N [inch]
¼	35	H429002L	10	1.37	0.06
⅜	35	H429003L	10	1.62	0.18
½	35	H429005L	25	1.59	0.09
¾	35	H429007L	25	2.09	0.09
1	35	H429010L	25	2.34	0.09
1 ¼	35	H429012L	10	2.59	0.09
1 ½	35	H429015L	10	2.68	0.12
2	35	H429020L	10	2.84	0.09
2 ½	35	H429025L	5	4.15	0.15
3	35	H429030L	5	4.03	0.03
4	35	H429040L	5	4.25	0.25
6	35	H429060L	2	7.18	0.25
8	35	H429080L	2	9.18	0.43

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

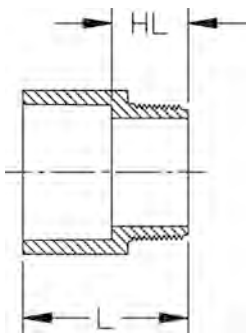
# Clear PVC Piping Systems

## Female Adapter (S x FPT)



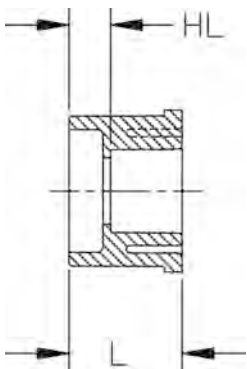
Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]	T [inch]
¼	35	H435002SRL	10	0.75	1.43	0.40
⅜	35	H435003SRL	10	0.75	1.55	0.41
½	35	H435005SRL	25	0.91	1.79	0.53
¾	35	H435007SRL	25	0.95	1.96	0.55
1	35	H435010SRL	25	1.11	2.26	0.68
1 ¼	35	H435012SRL	10	1.16	2.44	0.71
1 ½	35	H435015SRL	10	1.19	2.58	0.72
2	35	H435020SRL	10	1.23	2.74	0.76
2 ½	35	H435025SRL	5	1.75	3.50	1.14
3	35	H435030SRL	5	1.91	3.82	1.20
4	35	H435040SRL	5	2.02	4.29	1.30

## Male Adapter (S x MPT)



Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]
½	35	H436005L	25	0.93	1.86
¾	35	H436007L	25	1.00	2.04
1	35	H436010L	25	1.21	2.39
1 ¼	35	H436012L	10	1.29	2.56
1 ½	35	H436015L	10	1.32	2.72
2	35	H436020L	10	1.35	2.88
2 ½	35	H436025L	5	1.87	3.68
3	35	H436030L	5	2.02	3.92
4	35	H436040L	5	2.08	4.40

## Flush Style Reducer Bushing (SPG x S)



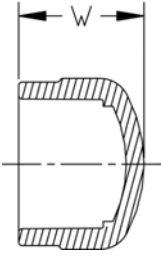
Size [inch]	P/L	Part No.	Pack Qty	HL [inch]	L [inch]
¾ x ½	35	H437101L	25	0.40	1.29
1 x ¾	35	H437131L	25	0.44	1.42
1 ¼ x 1	35	H437168L	25	0.42	1.57
1 ½ x 1	35	H437211L	25	0.55	1.68
1 ½ x 1 ¼	35	H437212L	25	0.42	1.70
2 x 1 ½	35	H437251L	10	0.40	1.80
2 ½ x 2	35	H437292L	5	0.55	2.13
3 x 2	35	H437338L	5	0.87	2.43
3 x 2 ½	35	H437339L	5	0.39	2.23
4 x 2	35	H437420L	5	1.15	2.72
4 x 3	35	H437422L	5	0.77	2.76
6 x 4	35	H437532L	2	1.13	3.66
8 x 6	35	H437585L	2	1.56	4.66

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

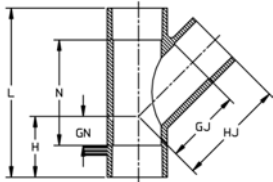
# Clear PVC Piping Systems

## Cap (S)



Size [inch]	P/L	Part No.	Pack Qty	W [inch]
¼	35	H447002L	10	0.95
⅜	35	H447003L	10	1.09
½	35	H447005L	25	1.29
¾	35	H447007L	25	1.46
1	35	H447010L	25	1.67
1 ¼	35	H447012L	10	1.88
1 ½	35	H447015L	10	2.09
2	35	H447020L	10	2.32
2 ½	35	H447025L	5	2.73
3	35	H447030L	5	3.05
4	35	H447040L	5	3.67
6	35	H447060L	2	4.96
8	35	H447080L	2	6.29

## 45° Wye (S x S x S)



Size	P/L	Part No.	Pack Qty	GJ [inch]	GN [inch]	H [inch]	HJ [inch]	L [inch]	N [inch]	Design
1 1/2	35	H475015L	20	2.41	0.69	2.06	3.75	5.81	3.06	SL
2	35	H475020L	10	3.61	1.38	2.89	5.16	8.05	5.00	SL
3	35	H475030L	4	4.85	1.91	3.81	6.75	10.46	6.65	SL
4	35	H475040L	4	6.38	1.84	4.20	8.75	12.96	8.25	SL
6	35	H475060L	2	8.50	1.81	4.86	11.59	16.50	10.39	HS
6 x 4	35	H475532L	2	7.18	1.87	4.91	9.45	16.50	10.39	HS

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

# Section 5

## Specialty Pipe

Effective August 27, 2012



P1300041






P1300041

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



# Specialty Pipe

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	Corrosion Resistant Duct	5.13
	EnviroKing® UV Resistant Pipe	5.15
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# Specifications and Standards

## Specifications and Standards

NSF/ANSI Standard 14

NSF/ANSI Standard 61

- ASTM D 1784 : Material PVC Type I, Grade I, White or Gray, Cell Classification 12454 (SDR Series Pipe & PVC Duct)  
Material CPVC Type IV, Grade I, Tan, Cell Classification 24448 (CTS CPVC Plumbing Pipe)  
Material CPVC Type IV, Grade I, Gray, Cell Classification 23447 (CPVC Duct)
- ASTM D 1785 : PVC Schedule 120 Pipe
- ASTM D 2241 : PVC SDR Series Pipe
- ASTM D 22846 : Copper Tube Size (CTS) Hot and Cold Water Plumbing Pipe
- CSA B137.6 : Copper Tube Size (CTS) Hot and Cold Water Plumbing Pipe; CTS Sizes  $\frac{3}{8}$ "–2"
- ULC S102.2 : Copper Tube Size (CTS) Hot and Cold Water Plumbing Pipe; CTS Sizes  $\frac{3}{8}$ "–2"
- ULC S102.2 : CPVC Corrosion Resistant Duct (6"–24")  
FlameTech Containment Pipe ( $\frac{1}{2}$ "–2")

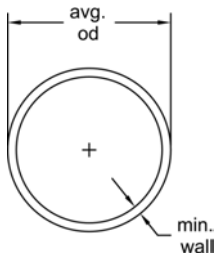
# Specialty Pipe

## Harvel Specialized PVC Pipe Sizes

### Schedule 120 PVC Pressure Pipe

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

Belled-end pipe available upon request



Pipe Size [inch]	Part No.
½	H1200050PG2000 *
¾	H1200075PG2000 *
1	H1200100PG2000 *
1 ¼	H1200125PG2000 *
1 ½	H1200150PG2000 *
2	H1200200PG2000 *
2 ½	H1200250PG2000 *
3	H1200300PG2000 *
4	H1200400PG2000 *
6	H1200600PG2000 *
8	H1200800PG2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.840	0.480	0.170	0.223	1010
¾	5260	1.050	0.690	0.170	0.295	770
1	4280	1.315	0.891	0.200	0.440	720
1 ¼	2360	1.660	1.204	0.215	0.614	600
1 ½	2060	1.900	1.423	0.225	0.744	540
2	1660	2.375	1.845	0.250	1.052	470
2 ½	1080	2.875	2.239	0.300	1.529	470
3	840	3.500	2.758	0.350	2.184	440
4	400	4.500	3.572	0.437	3.516	430
6	220	6.625	5.434	0.562	6.759	370
8	140	8.625	7.103	0.718	11.251	380

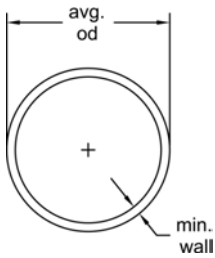
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

# Specialty Pipe

## SDR 13.5 PVC Pressure Pipe - Gray

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Belled-end pipe available upon request

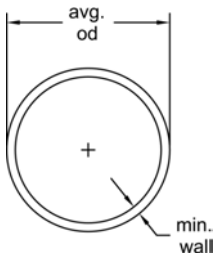


Pipe Size [inch]	Gray Part No. Part No.
½	H1350050PG2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.840	0.696	0.062	0.104	315

## SDR 13.5 PVC Pressure Pipe - White

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Belled-end pipe available upon request



Size [inch]	Part No.
½	H1350050PW2000 *

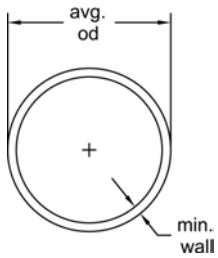
Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.840	0.696	0.062	0.104	315

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

# Specialty Pipe

## SDR 21 PVC Pressure Pipe - Gray

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Belled-end pipe available upon request



Pipe Size [inch]	Part No.
¾	H0210075PG2000 *
1	H0210100PG2000 *
1 ¼	H0210125PG2000 *
1 ½	H0210150PG2000 *
2	H0210200PG2000 *
2 ½	H0210250PG2000 *
3	H0210300PG2000 *
3 ½	H0210350PG2000 *
4	H0210400PG2000 *
5	H0210500PG2000 *
6	H0210600PG2000 *
8	H0210800PG2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
¾	5260	1.050	0.910	0.060	0.129	200
1	4280	1.315	1.169	0.063	0.170	200
1 ¼	2360	1.660	1.482	0.079	0.263	200
1 ½	2060	1.900	1.700	0.090	0.339	200
2	1660	2.375	2.129	0.113	0.521	200
2 ½	1080	2.875	2.581	0.137	0.754	200
3	840	3.500	3.146	0.167	1.106	200
3 ½	520	4.000	3.596	0.190	1.443	200
4	400	4.500	4.046	0.214	1.825	200
5	340	5.563	5.001	0.265	2.792	200
6	220	6.625	5.955	0.316	3.964	200
8	140	8.625	7.755	0.410	6.679	200

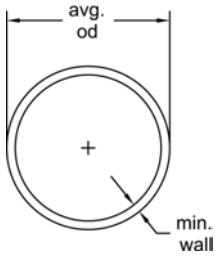
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

# Specialty Pipe

## SDR 21 PVC Pressure Pipe - White

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Belled-end pipe available upon request



Pipe Size [inch]	Part No.
¾	H0210075PW2000 *
1	H0210100PW2000 *
1 ¼	H0210125PW2000 *
1 ½	H0210150PW2000 *
2	H0210200PW2000 *
2 ½	H0210250PW2000 *
3	H0210300PW2000 *
3 ½	H0210350PW2000 *
4	H0210400PW2000 *
5	H0210500PW2000 *
6	H0210600PW2000 *
8	H0210800PW2000 *

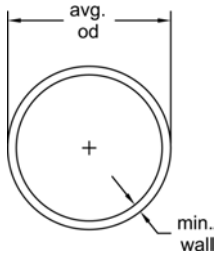
Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
¾	5260	1.050	0.910	0.060	0.129	200
1	4280	1.315	1.169	0.063	0.170	200
1 ¼	2360	1.660	1.482	0.079	0.263	200
1 ½	2060	1.900	1.700	0.090	0.339	200
2	1660	2.375	2.129	0.113	0.521	200
2 ½	1080	2.875	2.581	0.137	0.754	200
3	840	3.500	3.146	0.167	1.106	200
3 ½	520	4.000	3.596	0.190	1.443	200
4	400	4.500	4.046	0.214	1.825	200
5	340	5.563	5.001	0.265	2.792	200
6	220	6.625	5.955	0.316	3.964	200
8	140	8.625	7.755	0.410	6.679	200

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

# Specialty Pipe

## SDR 26 PVC Pressure Pipe - Gray

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Belled-end pipe available upon request



Pipe Size [inch]	Part No.
1	H0260100PG2000 *
1 ¼	H0260125PG2000 *
1 ½	H0260150PG2000 *
2	H0260200PG2000 *
2 ½	H0260250PG2000 *
3	H0260300PG2000 *
3 ½	H0260350PG2000 *
4	H0260400PG2000 *
5	H0260500PG2000 *
6	H0260600PG2000 *
8	H0260800PG2000 *
10	H0261000PG2000 *
12	H0261200PG2000 *
14	H0261400PG2000 *
16	H0261600PG2000 *
18	H0261800PG2000 *
20	H0262000PG2000 *
24	H0262400PG2000 *

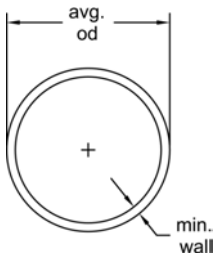
Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1	4280	1.315	1.175	0.060	0.164	160
1 ¼	2360	1.660	1.512	0.064	0.221	160
1 ½	2060	1.900	1.734	0.073	0.284	160
2	1660	2.375	2.173	0.091	0.432	160
2 ½	1080	2.875	2.635	0.110	0.622	160
3	840	3.500	3.210	0.135	0.915	160
3 ½	520	4.000	3.672	0.154	1.183	160
4	400	4.500	4.134	0.173	1.494	160
5	340	5.563	5.109	0.214	2.288	160
6	220	6.625	6.085	0.255	3.228	160
8	140	8.625	7.921	0.332	5.468	160
10	100	10.750	9.874	0.413	8.492	160
12	100	12.750	11.710	0.490	11.956	160
14	60	14.000	12.860	0.538	14.430	160
16	60	16.000	14.696	0.615	18.810	160
18	40	18.000	16.534	0.692	23.860	160
20	40	20.000	18.370	0.769	29.470	160
24	40	24.000	22.043	0.923	42.520	160

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

# Specialty Pipe

## SDR 26 PVC Pressure Pipe - White

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
 Belled-end pipe available upon request



Pipe Size [inch]	Part No.
1	H0260100PW2000 *
1 ¼	H0260125PW2000 *
1 ½	H0260150PW2000 *
2	H0260200PW2000 *
2 ½	H0260250PW2000 *
3	H0260300PW2000 *
3 ½	H0260350PW2000 *
4	H0260400PW2000 *
5	H0260500PW2000 *
6	H0260600PW2000 *
8	H0260800PW2000 *
10	H0261000PW2000 *
12	H0261200PW2000 *
14	H0261400PW2000 *
16	H0261600PW2000 *
18	H0261800PW2000 *
20	H0262000PW2000 *
24	H0262400PW2000 *

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1	4280	1.315	1.175	0.060	0.164	160
1 ¼	2360	1.660	1.512	0.064	0.221	160
1 ½	2060	1.900	1.734	0.073	0.284	160
2	1660	2.375	2.173	0.091	0.432	160
2 ½	1080	2.875	2.635	0.110	0.622	160
3	840	3.500	3.210	0.135	0.915	160
3 ½	520	4.000	3.672	0.154	1.183	160
4	400	4.500	4.134	0.173	1.494	160
5	340	5.563	5.109	0.214	2.288	160
6	220	6.625	6.085	0.255	3.228	160
8	140	8.625	7.921	0.332	5.468	160
10	100	10.750	9.874	0.413	8.492	160
12	100	12.750	11.710	0.490	11.956	160
14	60	14.000	12.860	0.538	14.430	160
16	60	16.000	14.696	0.615	18.810	160
18	40	18.000	16.534	0.692	23.860	160
20	40	20.000	18.370	0.769	29.470	160
24	40	24.000	22.043	0.923	42.520	160

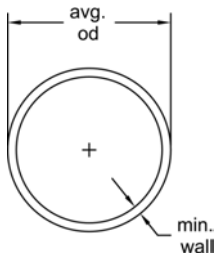
^ = 40% Restock Charge  
 \* = Non-Cancelable/Non-Returnable



# Specialty Pipe

## SDR 41 PVC Pressure Pipe

Max Water Pressure at 73°F with solvent-cemented joints  
 Belled-end pipe available upon request



Size [inch]	Part No.
18	H0411800PG2000 *
20	H0412000PG2000 *
24	H0412400PG2000 *

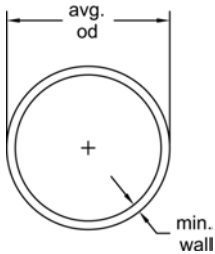
Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
18	40	18.000	17.070	0.439	15.370	100
20	40	20.000	18.970	0.488	18.920	100
24	40	24.000	22.748	0.585	27.320	100

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

# Specialty Pipe

## CTS CPVC Plumbing Pipe

### Harvel FlowGuard Gold® CTS CPVC Pipe Tan Pipe - 10 ft lengths



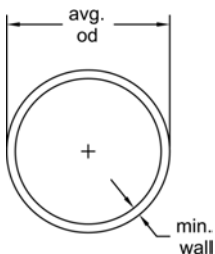
Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
100 psi @ 180°F

CTS CPVC Pipe is shipped in full bag or skid quantities only  
20 Ft option available - Bag or skid quantities increase by a factor of two

Size [inch]	Part No.
1/2	H0110050CTG10 *
3/4	H0110075CTG10 *
1	H0110100CTG10 *
1 1/4	H0110125CTG10 *
1 1/2	H0110150CTG10 *
2	H0110200CTG10 *

Size [inch]	Ft/Bag [ft]	Ft/Skid [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1/2	500	12000	0.625	0.469	0.068	0.090	400
3/4	250	6000	0.875	0.695	0.080	0.149	400
1	150	3600	1.125	0.901	0.102	0.240	400
1 1/4	100	2400	1.375	1.105	0.125	0.353	400
1 1/2	60	1440	1.625	1.309	0.148	0.489	400
2	40	960	2.125	1.716	0.193	0.829	400

### HydroKing® CTS CPVC Pipe Tan Pipe - 10 ft lengths



Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints  
100 psi @ 180°F

CTS CPVC Pipe is shipped in full bag or skid quantities only  
20 Ft option available - Bag or skid quantities increase by a factor of two

Size [inch]	Part No.
1/2	H0110050CTH10 *
3/4	H0110075CTH10 *
1	H0110100CTH10 *
1 1/4	H0110125CTH10 *
1 1/2	H0110150CTH10 *
2	H0110200CTH10 *

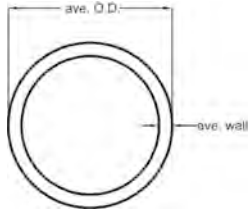
Size [inch]	Ft/Bag [ft]	Ft/Skid [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1/2	500	12000	0.625	0.469	0.068	0.090	400
3/4	250	6000	0.875	0.695	0.080	0.149	400
1	150	3600	1.125	0.901	0.102	0.240	400
1 1/4	100	2400	1.375	1.105	0.125	0.353	400
1 1/2	60	1440	1.625	1.309	0.148	0.489	400
2	40	960	2.125	1.716	0.193	0.829	400

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

# Specialty Pipe

## Corrosion Resistant Duct

### PVC Corrosion Resistant Duct Gray Duct - 20 ft lengths



O of R = Out of Roundness Factor at time of extrusion  
Refer to GF Harvel Engineering & Installation Guide for additional information

Size [inch]	Part No.
6 x 1/8	HDUC0600PG2000 *
6	HDUC0601PG2000 *
7	HDUC0700PG2000 *
8	HDUC0800PG2000 *
9	HDUC0900PG2000 *
10	HDUC1000PG2000 *
11	HDUC1100PG2000 *
12	HDUC1200PG2000 *
14	HDUC1400PG2000 *
16	HDUC1600PG2000 *
18	HDUC1800PG2000 *
20	HDUC2000PG2000 *
24	HDUC2400PG2000 *

Size [inch]	Average O.D. [inch]	Avg. OD Tol. [inch]	O of R Tol. [inch]	Min. Wall [inch]	Average Wall [inch]	Max. Wall [inch]	Wt/Ft [lb/ft]
6 x 1/8	6.625	±0.020	±0.050	0.105	0.122	0.140	1.530
6	6.625	±0.020	±0.050	0.172	0.187	0.202	2.275
7	7.737	±0.020	±0.050	0.172	0.187	0.202	2.534
8	8.625	±0.020	±0.075	0.172	0.187	0.202	2.982
9	9.375	±0.025	±0.075	0.172	0.187	0.202	3.239
10	10.750	±0.025	±0.075	0.172	0.187	0.202	3.733
11	11.375	±0.025	±0.075	0.172	0.187	0.202	3.944
12	12.750	±0.025	±0.075	0.172	0.187	0.202	4.440
14	14.000	±0.030	±0.075	0.172	0.187	0.202	4.884
16	16.000	±0.030	±0.075	0.172	0.187	0.202	5.586
18	18.000	±0.040	±0.080	0.172	0.187	0.202	6.750
20	20.000	±0.070	±0.140	0.199	0.219	0.239	8.144
24	24.000	±0.090	±0.180	0.230	0.250	0.270	11.163

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

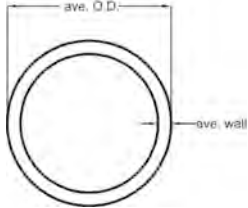
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# Specialty Pipe

## CPVC Corrosion Resistant Duct

O of R = Out of Roundness Factor at time of extrusion

Refer to GF Harvel Engineering & Installation Guide for additional information



Size [inch]	Part No.
6	HDUC0600CG2000 *
8	HDUC0800CG2000 *
10	HDUC1000CG2000 *
12	HDUC1200CG2000 *
14	HDUC1400CG2000 *
16	HDUC1600CG2000 *
18	HDUC1800CG2000 *
20	HDUC2000CG2000 *
24	HDUC2400CG2000 *

Size [inch]	Average O.D. [inch]	Avg. OD Tol. [inch]	O of R Tol. [inch]	Min. Wall [inch]	Average Wall [inch]	Max. Wall [inch]	Wt/Ft [lb/ft]
6	6.625	±0.020	±0.050	0.172	0.187	0.202	2.555
8	8.625	±0.020	±0.075	0.172	0.187	0.202	3.349
10	10.750	±0.025	±0.075	0.172	0.187	0.202	4.192
12	12.750	±0.025	±0.075	0.172	0.187	0.202	4.986
14	14.000	±0.030	±0.075	0.172	0.187	0.202	5.485
16	16.000	±0.030	±0.075	0.172	0.187	0.202	6.273
18	18.000	±0.040	±0.075	0.172	0.187	0.202	7.580
20	20.000	±0.070	±0.140	0.199	0.219	0.239	9.146
24	24.000	±0.090	±0.180	0.230	0.250	0.270	12.536

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

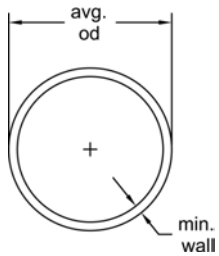
# Specialty Pipe

## EnviroKing® UV Resistant Pipe

### EnviroKing® UV Resistant Clear PVC Pipe Thinwall - 10 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

EnviroKing pipe is packaged in polybags and boxed - Sold in carton quantities only



Size [inch]	Part No.
2	HTW00200EK1000 *
3	HTW00300EK1000 *
4	HTW00400EK1000 *
6	HTW00600EK1000 *
8	HTW00800EK1000 *
10	HTW01000EK1000 *
12	HTW01200EK1000 *

Size [inch]	Lgth/Carton [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
2	120	2.375	2.173	0.091	0.456	80
3	60	3.500	3.210	0.135	0.966	80
4	40	4.500	4.134	0.173	1.569	80
6	10	6.625	6.251	0.172	2.391	70
8	10	8.625	8.251	0.172	3.134	53
10	10	10.750	10.376	0.172	3.923	43
12	10	12.750	12.376	0.172	4.666	36

^ = 40% Restock Charge

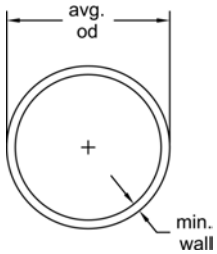
\* = Non-Cancelable/Non-Returnable

# Specialty Pipe

## EnviroKing UV Resistant Clear PVC Pipe Schedule 40 - 10 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

EnviroKing pipe is packaged in polybags and boxed - Sold in carton quantities only



Pipe Size [inch]	Part No.
½	H0400050EK1000 *
¾	H0400075EK1000 *
1	H0400100EK1000 *
1 ¼	H0400125EK1000 *
1 ½	H0400150EK1000 *
2	H0400200EK1000 *
2 ½	H0400250EK1000 *
3	H0400300EK1000 *
3 ½	H0400400EK1000 *
4	H0400500EK1000 *
6	H0400600EK1000 *

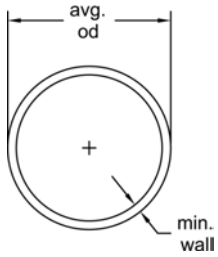
Pipe Size [inch]	Lgth/Carton [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	350	0.840	0.602	0.109	0.170	300
¾	250	1.050	0.804	0.113	0.226	240
1	250	1.315	1.029	0.133	0.333	220
1 ¼	200	1.660	1.360	0.140	0.450	180
1 ½	160	1.900	1.590	0.145	0.537	170
2	120	2.375	2.047	0.154	0.720	140
2 ½	80	2.875	2.445	0.203	1.136	150
3	60	3.500	3.042	0.216	1.488	130
3 ½	40	4.000	3.521	0.226	1.789	120
4	40	4.500	3.998	0.237	2.118	110
6	10	6.625	6.031	0.280	3.733	90

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

# Specialty Pipe

## Containment Pipe

### FlameTech™ Containment Pipe Schedule 40 - 10 ft lengths



Pipe Size [inch]	Part No.	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	
½	<b>H0400050LS1000 *</b>	5700	0.840	0.608	0.109	0.190	
¾	<b>H0400075LS1000 *</b>	5260	1.050	0.810	0.113	0.253	
1	<b>H0400100LS1000 *</b>	4280	1.315	1.033	0.133	0.371	
1 ¼	<b>H0400125LS1000 *</b>	2360	1.660	1.364	0.140	0.502	
1 ½	<b>H0400150LS1000 *</b>	2060	1.900	1.592	0.145	0.599	
2	<b>H0400200LS1000 *</b>	1080	2.375	2.049	0.154	0.803	

^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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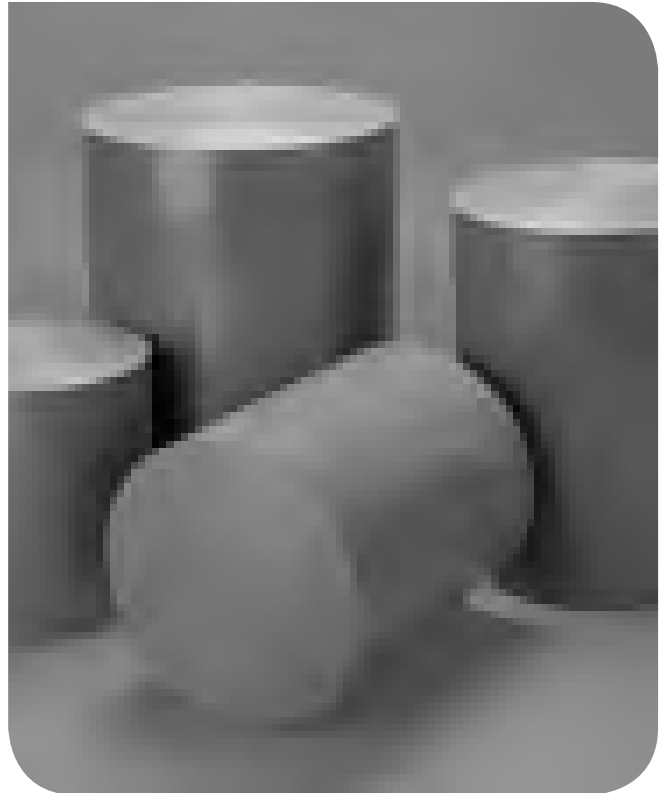




# Section 6

## Extruded Shapes and Rods

Effective August 27, 2012



P1300042

P1300042

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

# Havel Extruded Shapes and Rods

Page



PVC Extruded Shapes and Rods

6.5



CPVC Extruded Shapes and Rods

6.11

# Specifications and Standards

## Specifications and Standards

ASTM D 1784 : Material PVC Type I, Grade I (White, Gray, Black, or Clear) Cell Classification 12454  
Material CPVC Type IV, Grade I, Cell Classification 23447

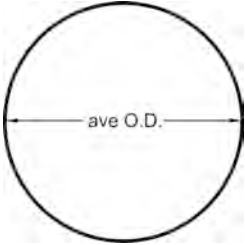
ASTM D 6263 : Standard Specification for Extruded Rods and Bars made from Rigid PVC & CPVC

Refer to GF Harvel Engineering and Installation Guide for additional information

# Havel Extruded Shapes and Rods

## PVC Extruded Shapes and Rods

### PVC Solid Round Bar - Gray



Pipe Size [inch]	Part No.	Average O.D. [inch]	Tolerance (+/-) [inch]	Wt/Ft [lb/ft]	
¼	HROD0025PS1000 *	0.250	0.008	0.029	
¾	HROD0038PS1000 *	0.375	0.015	0.066	
½	HROD0050PS1000 *	0.500	0.015	0.117	
¾	HROD0063PS1000 *	0.625	0.020	0.183	
¾	HROD0075PS1000 *	0.750	0.022	0.265	
7/8	HROD0088PS1000 *	0.875	0.025	0.358	
1	HROD0100PS1000 *	1.000	0.030	0.471	
1 1/8	HROD0113PS1000 *	1.125	0.035	0.594	
1 ¼	HROD0125PS1000 *	1.250	0.035	0.736	
1 ¾	HROD0138PS1000 *	1.375	0.040	0.891	
1 ½	HROD0150PS1000 *	1.500	0.040	1.060	
1 ¾	HROD0163PS1000 *	1.625	0.045	1.244	
1 ¾	HROD0175PS1000 *	1.750	0.050	1.440	
1 7/8	HROD0188PS1000 *	1.875	0.055	1.657	
2	HROD0200PS1000 *	2.000	0.060	1.890	
2 1/8	HROD0213PS1000 *	2.125	0.060	2.128	
2 ¼	HROD0225PS1000 *	2.250	0.068	2.384	
2 ¾	HROD0238PS1000 *	2.375	0.071	2.658	
2 ½	HROD0250PS1000 *	2.500	0.075	2.950	
2 ¾	HROD0275PS1000 *	2.750	0.080	3.560	
3	HROD0300PS1000 *	3.000	0.090	4.240	
3 ¼	HROD0325PS1000 *	3.250	0.100	4.975	
3 ½	HROD0350PS1000 *	3.500	0.105	5.770	
4	HROD0400PS0500 *	4.000	0.120	7.550	
4 ½	HROD0450PS0500 *	4.500	0.135	9.555	
5	HROD0500PS0500 *	5.000	0.150	11.700	
5 ½	HROD0550PS0500 *	5.500	0.165	14.300	
6	HROD0600PS0500 *	6.000	0.180	17.100	
7	HROD0700PS0500 *	7.000	0.210	24.010	
8	HROD0800PS0500 *	8.000	0.240	31.360	
9	HROD0900PS0500 *	9.000	0.270	39.690	
10	HROD1000PS0500 *	10.000	0.300	49.000	

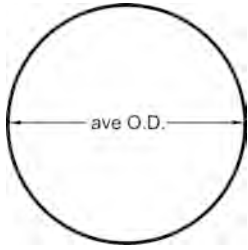
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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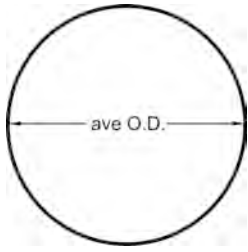
# Havel Extruded Shapes and Rods

## PVC Solid Round Bar - White



Pipe Size [inch]	Part No.	Average O.D. [inch]	Tolerance (+/-) [inch]	Wt/Ft [lb/ft]
1/4	HROD0025PW1000 *	0.250	0.008	0.029
3/8	HROD0038PW1000 *	0.375	0.015	0.066
3/8	HROD0050PW1000 *	0.500	0.015	0.117
5/8	HROD0063PW1000 *	0.625	0.020	0.183
3/4	HROD0075PW1000 *	0.750	0.022	0.265
7/8	HROD0088PW1000 *	0.875	0.025	0.358
1	HROD0100PW1000 *	1.000	0.030	0.471
1 1/8	HROD0113PW1000 *	1.125	0.035	0.594
1 1/4	HROD0125PW1000 *	1.250	0.035	0.736
1 3/8	HROD0138PW1000 *	1.375	0.040	0.891
1 1/2	HROD0150PW1000 *	1.500	0.040	1.060
1 5/8	HROD0163PW1000 *	1.625	0.045	1.244
1 3/4	HROD0175PW1000 *	1.750	0.050	1.440
1 7/8	HROD0188PW1000 *	1.875	0.055	1.657
2	HROD0200PW1000 *	2.000	0.060	1.890

## PVC Solid Round Bar - Black

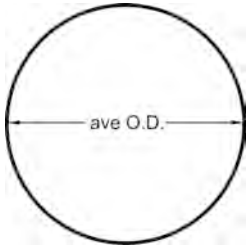


Pipe Size [inch]	Part No.	Average O.D. [inch]	Tolerance (+/-) [inch]	Wt/Ft [lb/ft]
1/4	HROD0025PK1000 *	0.250	0.008	0.029
3/8	HROD0038PK1000 *	0.375	0.015	0.066
1/2	HROD0050PK1000 *	0.500	0.015	0.117
5/8	HROD0063PK1000 *	0.625	0.020	0.183
3/4	HROD0075PK1000 *	0.750	0.022	0.265
7/8	HROD0088PK1000 *	0.875	0.025	0.358
1	HROD0100PK1000 *	1.000	0.030	0.471
1 1/8	HROD0113PK1000 *	1.125	0.035	0.594
1 1/4	HROD0125PK1000 *	1.250	0.035	0.736
1 3/8	HROD0138PK1000 *	1.375	0.040	0.891
1 1/2	HROD0150PK1000 *	1.500	0.040	1.060
1 5/8	HROD0163PK1000 *	1.625	0.045	1.244
1 3/4	HROD0175PK1000 *	1.750	0.050	1.440
1 7/8	HROD0188PK1000 *	1.875	0.055	1.657
2	HROD0200PK1000 *	2.000	0.060	1.890

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

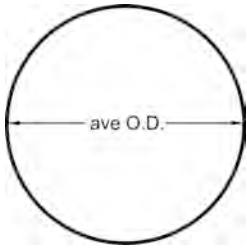
# Havel Extruded Shapes and Rods

## PVC Solid Round Bar - Clear



Pipe Size [inch]	Part No.	Average O.D. [inch]	Tolerance (+/-) [inch]	Wt/Ft [lb/ft]
1/4	HROD0025PL1000 *	0.250	0.008	0.029
3/8	HROD0038PL1000 *	0.375	0.015	0.066
1/2	HROD0050PL1000 *	0.500	0.015	0.117
5/8	HROD0063PL1000 *	0.625	0.020	0.183
3/4	HROD0075PL1000 *	0.750	0.022	0.265
7/8	HROD0088PL1000 *	0.875	0.025	0.358
1	HROD0100PL1000 *	1.000	0.030	0.471

## PVC Centerless Ground Rod - Tolerance of $\pm 0.003$ "



Pipe Size [inch]	Part No.	Average O.D. [inch]	Wt/Ft [lb/ft]
1/4	HROD0025PC1000 *	0.250	0.029
3/8	HROD0038PC1000 *	0.375	0.066
1/2	HROD0050PC1000 *	0.500	0.117
5/8	HROD0063PC1000 *	0.625	0.183
3/4	HROD0075PC1000 *	0.750	0.265
7/8	HROD0088PC1000 *	0.875	0.358
1	HROD0100PC1000 *	1.000	0.471
1 1/8	HROD0113PC1000 *	1.125	0.594
1 1/4	HROD0125PC1000 *	1.250	0.736
1 3/8	HROD0138PC1000 *	1.375	0.891
1 1/2	HROD0150PC1000 *	1.500	1.060
1 5/8	HROD0163PC1000 *	1.625	1.244
1 3/4	HROD0175PC1000 *	1.750	1.440
1 7/8	HROD0188PC1000 *	1.875	1.657
2	HROD0200PC1000 *	2.000	1.890
2 1/8	HROD0213PC0500 *	2.125	2.128
2 1/4	HROD0225PC0500 *	2.250	2.384
2 3/8	HROD0238PC0500 *	2.375	2.658
2 1/2	HROD0250PC0500 *	2.500	2.950

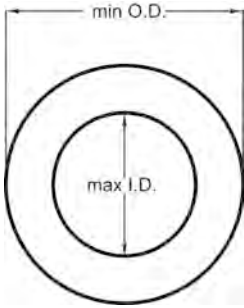
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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# Havel Extruded Shapes and Rods

## PVC Hollow Bar



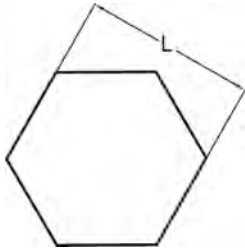
Minimum O.D. [inch]	Maximum I.D. [inch]	Part No.	Wt/Ft [lb/ft]
1.625	0.562	HHOL1625PG1000 *	1.154
1.900	0.562	HHOL1901PG1000 *	1.647
1.900	0.906	HHOL1900PG1000 *	1.410
2.000	1.250	HHOL2000PG1000 *	1.285
2.125	0.750	HHOL2125PG1000 *	2.010
2.250	1.125	HHOL2250PG1000 *	2.025
2.250	1.500	HHOL2251PG1000 *	1.625
2.375	1.000	HHOL2375PG1000 *	2.393
2.500	1.000	HHOL2500PG1000 *	2.680
2.500	1.500	HHOL2501PG1000 *	2.209
2.625	1.500	HHOL2625PG1000 *	2.511
2.750	1.000	HHOL2750PG1000 *	3.299
3.000	1.000	HHOL3000PG1000 *	3.976
3.000	1.250	HHOL3001PG1000 *	3.770
3.000	1.500	HHOL3002PG1000 *	3.375
3.000	2.000	HHOL3003PG1000 *	2.798
3.250	1.250	HHOL3250PG1000 *	4.506
3.500	1.500	HHOL3500PG1000 *	5.037
3.563	1.500	HHOL3563PG1000 *	5.245
3.563	2.125	HHOL3564PG1000 *	4.324
4.000	2.500	HHOL4000PG1000 *	5.153
4.000	3.000	HHOL4001PG1000 *	3.845
4.250	1.750	HHOL4250PG1000 *	7.452
4.250	3.000	HHOL4251PG1000 *	4.948
4.500	2.000	HHOL4500PG1000 *	8.099
4.750	3.000	HHOL4750PG1000 *	7.069
5.000	3.000	HHOL5000PG1000 *	8.217
5.563	4.000	HHOL5563PG0500 *	7.954
6.000	2.437	HHOL6000PG0500 *	15.200
6.000	4.000	HHOL6001PG0500 *	11.190
6.625	2.875	HHOL6625PG0500 *	18.030
6.625	4.000	HHOL6626PG0500 *	14.910
8.625	5.750	HHOL8625PG0500 *	21.400

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



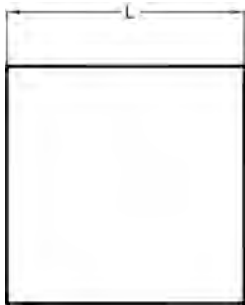
# Havel Extruded Shapes and Rods

## PVC Hexagonal Bar



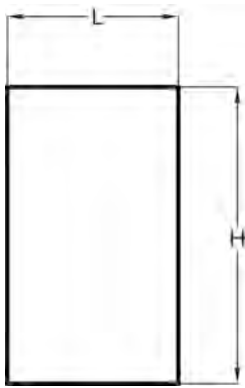
Pipe Size [inch]	Part No.	L [inch]	Tolerance Across Flats (+/-) [inch]	Wt/Ft [lb/ft]
7/16	HHEX0044PG1000 *	0.438	0.030	0.108
1/2	HHEX0050PG1000 *	0.500	0.030	0.142
9/16	HHEX0056PG1000 *	0.563	0.030	0.180
5/8	HHEX0063PG1000 *	0.625	0.030	0.222
3/4	HHEX0075PG1000 *	0.750	0.030	0.320
13/16	HHEX0081PG1000 *	0.813	0.030	0.375
7/8	HHEX0088PG1000 *	0.875	0.030	0.435
1	HHEX0100PG1000 *	1.000	0.030	0.569
1 1/4	HHEX0113PG1000 *	1.125	0.030	0.721
1 1/4	HHEX0125PG1000 *	1.250	0.062	0.890
1 3/8	HHEX0138PG1000 *	1.375	0.062	1.080
1 1/2	HHEX0150PG1000 *	1.500	0.062	1.283
1 3/4	HHEX0175PG1000 *	1.750	0.062	1.746
2	HHEX0200PG1000 *	2.000	0.012	2.280

## PVC Square Rod



Pipe Size [inch]	Part No.	L [inch]	Tolerance Across Flats (+/-) [inch]	Wt/Ft [lb/ft]
1/2	HSQU0050PG1000 *	0.500	0.030	0.157
5/8	HSQU0063PG1000 *	0.625	0.030	0.238
3/4	HSQU0075PG1000 *	0.750	0.030	0.360
1	HSQU0100PG1000 *	1.000	0.030	0.629
1 1/4	HSQU0125PG0800 *	1.250	0.062	1.033
1 1/2	HSQU0150PG0800 *	1.500	0.062	1.464
2	HSQU0200PG0800 *	2.000	0.075	2.452

## PVC Rectangular Bar



Size [inch]	Part No.	Tolerance Across Flats (+/-) [inch]	L [inch]	H [inch]	Wt/Ft [lb/ft]
1/2 x 3/4	HREC0050PG1000 *	0.030	0.500	0.750	0.225

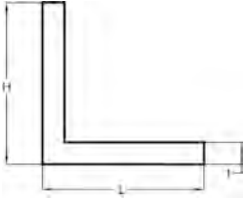
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

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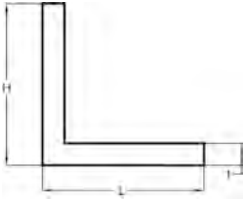
# Havel Extruded Shapes and Rods

## PVC Angle Bar - Gray



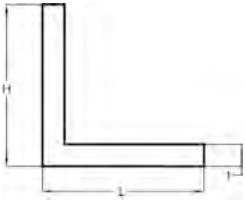
Size [inch]	Part No.	H [inch]	L [inch]	t [inch]	Wt/Ft [lb/ft]
1 X 1 X 1/8	HANG0100PG1000 *	1.00	1.00	0.125	0.141
1 1/4 X 1 1/4 X 3/16	HANG0125PG1000 *	1.25	1.25	0.188	0.262
1 1/2 X 1 1/2 X 3/16	HANG0151PG1000 *	1.50	1.50	0.188	0.316
1 1/2 X 1 1/2 X 1/4	HANG0150PG1000 *	1.50	1.50	0.250	0.415
2 X 2 X 1/4	HANG0200PG1000 *	2.00	2.00	0.250	0.563

## PVC Angle Bar - White



Size [inch]	Part No.	H [inch]	L [inch]	t [inch]	lbs. per 100 ft. [lb]	Wt/Ft [lb/ft]
1 X 1 X 1/8	HANG0100PW1000 *	1.00	1.00	0.125	14.10	0.141
1 1/4 X 1 1/4 X 3/16	HANG0125PW1000 *	1.25	1.25	0.188	26.20	0.262
1 1/2 X 1 1/2 X 3/16	HANG0151PW1000 *	1.50	1.50	0.188	31.60	0.316
2 X 2 X 1/4	HANG0200PW1000 *	2.00	2.00	0.250	56.30	0.563

## PVC Angle Bar - Clear



Size [inch]	Part No.	H [inch]	L [inch]	t [inch]	Wt/Ft [lb/ft]
1 X 1 X 1/8	HANG0100PL1000 *	1.00	1.00	0.125	0.141
1 1/4 X 1 1/4 X 3/16	HANG0125PL1000 *	1.25	1.25	0.188	0.262
1 1/2 X 1 1/2 X 3/16	HANG0150PL1000 *	1.50	1.50	0.188	0.316
1 1/2 X 1 1/2 X 1/4	HANG0151PL1000 *	1.50	1.50	0.250	0.415
2 X 2 X 1/4	HANG0200PL1000 *	2.00	2.00	0.250	0.563

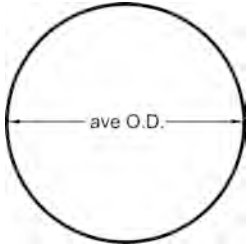
^ = 40% Restock Charge  
\* = Non-Cancelable/Non-Returnable

# Havel Extruded Shapes and Rods

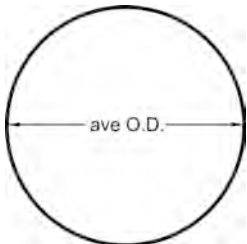
## CPVC Extruded Shapes and Rods

### CPVC Solid Round Bar

#### Gray - 10 ft lengths



Pipe Size [inch]	Part No.	Average O.D. [inch]	Tolerance (+/-) [inch]	Wt/Ft [lb/ft]
¼	HROD0025CS1000 *	0.250	0.008	0.032
⅜	HROD0038CS1000 *	0.375	0.015	0.074
½	HROD0050CS1000 *	0.500	0.015	0.131
¾	HROD0075CS1000 *	0.750	0.022	0.296
1	HROD0100CS1000 *	1.000	0.030	0.526
1 ¼	HROD0125CS1000 *	1.250	0.035	0.821
1 ⅜	HROD0138CS1000 *	1.375	0.040	0.994
1 ½	HROD0150CS1000 *	1.500	0.040	1.183
1 ¾	HROD0175CS1000 *	1.750	0.050	1.618
2	HROD0200CS0500 *	2.000	0.060	2.109
2 ½	HROD0250CS0500 *	2.500	0.075	3.375
3	HROD0300CS0500 *	3.000	0.090	4.595
3 ½	HROD0350CS0500 *	3.500	0.105	6.439
4	HROD0400CS0500 *	4.000	0.120	8.460
5	HROD0500CS0500 *	5.000	0.150	13.950
6	HROD0600CS0500 *	6.000	0.180	20.395



### CPVC Centerless Ground Rod

#### Tolerance of ±0.003" - 10 ft lengths

Pipe Size [inch]	Part No.	Average O.D. [inch]	Tolerance (+/-) [inch]	Wt/Ft [lb/ft]
¼	HROD0025CC1000 *	0.250	0.008	0.032
⅜	HROD0038CC1000 *	0.375	0.015	0.074
½	HROD0050CC1000 *	0.500	0.015	0.131
¾	HROD0075CC1000 *	0.750	0.022	0.296
1	HROD0100CC1000 *	1.000	0.030	0.526
1 ¼	HROD0125CC1000 *	1.250	0.035	0.821
1 ⅜	HROD0138CC1000 *	1.375	0.040	0.994
1 ½	HROD0150CC1000 *	1.500	0.040	1.183
1 ¾	HROD0175CC1000 *	1.750	0.050	1.618
2	HROD0200CC0500 *	2.000	0.060	2.109
2 ½	HROD0250CC0500 *	2.500	0.075	3.375

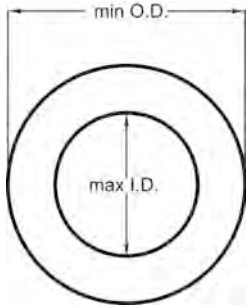
^ = 40% Restock Charge

\* = Non-Cancelable/Non-Returnable

**+GF+**

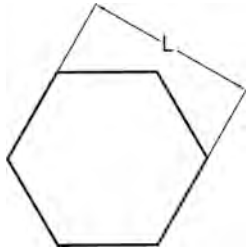
# Havel Extruded Shapes and Rods

## CPVC Hollow Bar Gray - 10 ft lengths



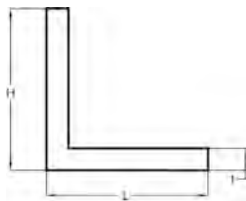
o.d. max [inch]	o.d. min [inch]	Part No.	Wt/Ft [lb/ft]
1.62	0.56	HHOL1625CG1000 *	1.288
2.12	0.75	HHOL2125CG1000 *	2.243
2.25	1.12	HHOL2250CG1000 *	2.260
2.37	1.00	HHOL2375CG1000 *	2.671
2.62	1.50	HHOL2625CG1000 *	2.802
2.75	1.00	HHOL2750CG1000 *	3.682
2.87	1.50	HHOL2875CG1000 *	3.525
3.00	1.25	HHOL3001CG1000 *	4.207
3.56	1.50	HHOL3563CG1000 *	5.853
4.00	2.50	HHOL4000CG1000 *	5.751
4.25	1.75	HHOL4250CG1000 *	8.316
4.75	3.00	HHOL4750CG1000 *	7.889
5.00	3.00	HHOL5000CG1000 *	9.170
6.62	2.87	HHOL6625CG0500 *	20.121
6.62	4.00	HHOL6626CG0500 *	16.640

## CPVC Hexagonal Bar Gray - 10 ft lengths



Pipe Size [inch]	Part No.	Tolerance Across Flats (+/-) [inch]	L [inch]	Wt/Ft [lb/ft]
3/16	HHEX0044CG1000 *	0.030	0.438	0.121
1/2	HHEX0050CG1000 *	0.030	0.500	0.159
9/16	HHEX0056CG1000 *	0.030	0.563	0.202
5/8	HHEX0063CG1000 *	0.030	0.625	0.249
3/4	HHEX0075CG1000 *	0.030	0.750	0.359
13/16	HHEX0081CG1000 *	0.030	0.813	0.421
7/8	HHEX0088CG1000 *	0.030	0.875	0.489
1	HHEX0100CG1000 *	0.030	1.000	0.639
1 1/8	HHEX0113CG1000 *	0.030	1.125	0.810
1 1/4	HHEX0125CG1000 *	0.062	1.250	0.999
1 3/8	HHEX0138CG1000 *	0.062	1.375	1.213
1 1/2	HHEX0150CG1000 *	0.062	1.500	1.441
2	HHEX0200CG1000 *	0.012	2.000	2.560

## CPVC Angle Bar



size [inch]	Part No.	H [inch]	L [inch]	t [inch]	Wt/Ft [lb/ft]
1 x 1 X 1/8	HANG0100CG1000 *	1.00	1.00	0.125	0.180
1 1/4 X 1 1/4 X 3/16	HANG0125CG1000 *	1.25	1.25	0.188	0.325
1 1/2 X 1 1/2 X 1/4	HANG0151CG1000 *	1.50	1.50	0.250	0.395
2 X 2 X 1/4	HANG0200CG1000 *	2.00	2.00	0.250	0.645

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



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