

Section 4

Clear PVC Piping Systems



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For complete technical information, please consult the GF Harvel Engineering and Installation Guide available online at 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.

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Specifications and Standards

Specifications and Standards

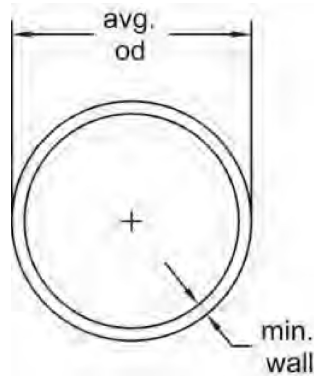
NSF/ANSI Standard 61

FDA Title 21

- ASTM D 1784 : PVC Material, Clear Fittings, Cell Classification 12454
- : PVC Material, Clear Pipe, Cell Classification 16443
- 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 40 NPT Threads

Harvel® Clear PVC Pressure Pipe

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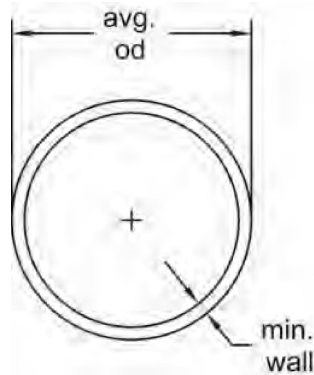


Schedule 40 Clear PVC - 10 ft lengths

- Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
- Belled-end pipe available upon request
- Must be purchased in full box qty
- 20ft Plain end length available upon request

Size (inch)	P/L	Part No.	USD	Box Qty (ft)	Average O.D. (inch)	min. wall (inch)	Wt/Ft (lbs/ft)	Max Water Pressure (psi)
¼	H05	*H0400025PL1000		100	0.540	0.088	0.081	390
⅜	H05	*H0400038PL1000		100	0.675	0.091	0.109	310
½	H05	*H0400050PL1000		350	0.840	0.109	0.161	300
¾	H05	*H0400075PL1000		250	1.050	0.113	0.214	240
1	H05	*H0400100PL1000		250	1.315	0.133	0.315	220
1 ¼	H05	*H0400125PL1000		200	1.660	0.140	0.426	180
1 ½	H05	*H0400150PL1000		160	1.900	0.145	0.509	170
2	H05	*H0400200PL1000		120	2.375	0.154	0.682	140
2 ½	H05	*H0400250PL1000		80	2.875	0.203	1.076	150
3	H05	*H0400300PL1000		60	3.500	0.216	1.409	130
3 ½	H05	*H0400350PL1000		40	4.000	0.226	1.697	120
4	H05	*H0400400PL1000		40	4.500	0.237	2.006	110
5	H05	*H0400500PL1000		10	5.563	0.258	2.726	95
6	H05	*H0400600PL1000		10	6.625	0.280	3.535	90
6 ½	H05	*H0400613PL1000		10	6.625	0.130	1.770	45
8	H05	*H0400800PL1000		10	8.625	0.322	5.305	80
10	H05	*H0401000PL1000		10	10.750	0.365	7.532	70
12	H05	*H0401200PL1000		10	12.750	0.406	9.949	70

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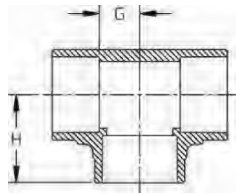
Schedule 80 Clear PVC - 10 ft lengths

- Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
- Belled-end pipe available upon request
- Must be purchased in full box qty
- 20ft Plain end length available upon request

Size (inch)	P/L	Part No.	USD	Box Qty (ft)	Average O.D. (inch)	min. wall (inch)	Wt/Ft (lbs/ft)	Max Water Pressure (psi)
¼	H56	*H0800025PL1000		100	0.540	0.119	0.100	570
⅜	H56	*H0800038PL1000		100	0.675	0.126	0.138	460
½	H56	*H0800050PL1000		50	0.840	0.147	0.202	420
¾	H56	*H0800075PL1000		50	1.050	0.154	0.273	340
1	H56	*H0800100PL1000		20	1.315	0.179	0.402	320
1 ¼	H56	*H0800125PL1000		10	1.660	0.191	0.554	260
1 ½	H56	*H0800150PL1000		10	1.900	0.200	0.673	240
2	H56	*H0800200PL1000		10	2.375	0.218	0.932	200
2 ½	H56	*H0800250PL1000		10	2.875	0.276	1.419	210
3	H56	*H0800300PL1000		10	3.500	0.300	1.903	190
4	H56	*H0800400PL1000		10	4.500	0.337	2.782	160
6	H56	*H0800600PL1000		10	6.625	0.432	5.313	140

Clear PVC Fittings

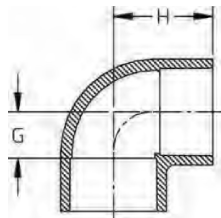
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Tee (S x S x S)

Size (inch)	P/L	Part No.	SD	Pack Qty	H (inch)	G (inch)
¼	H01	* H401002LS		10	0.97	0.34
⅜	H01	* H401003LS		10	1.13	0.38
½	H01	* H401005LS		25	1.25	0.50
¾	H01	* H401007LS		25	1.56	0.56
1	H01	* H401010LS		25	1.75	0.69
1 ¼	H01	* H401012LS		10	2.25	0.88
1 ½	H01	* H401015LS		10	2.34	1.09
2	H01	* H401020LS		10	2.75	1.38
2 ½	H01	* H401025LS		5	3.41	1.66
3	H01	* H401030LS		5	3.84	1.94
4	H01	* H401040LS		5	4.44	2.41
6	H01	* H401060LS		2	6.66	3.63
8	H01	* H401080LS		1	8.53	4.50

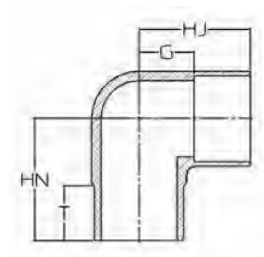
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90° Ell (S x S)

Size (inch)	P/L	Part No.	SD	Pack Qty	H (inch)	G (inch)
¼	H01	* H406002LS		10	1.09	0.41
⅜	H01	* H406003LS		10	1.13	0.38
½	H01	* H406005LS		25	1.25	0.50
¾	H01	* H406007LS		25	1.50	0.56
1	H01	* H406010LS		25	1.81	0.69
1 ¼	H01	* H406012LS		10	2.16	0.97
1 ½	H01	* H406015LS		10	2.34	1.06
2	H01	* H406020LS		10	2.69	1.31
2 ½	H01	* H406025LS		5	3.25	1.50
3	H01	* H406030LS		5	3.72	1.84
4	H01	* H406040LS		5	4.44	2.41
6	H01	* H406060LS		2	6.56	3.53
8	H01	* H406080LS		1	8.47	4.44

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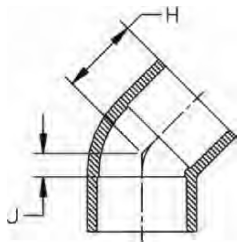


90° Street Ell (SPG x S)

Size (inch)	P/L	Part No.	SD	Pack Qty	HJ (inch)	HN (inch)	G (inch)	T (inch)
½	H01	* H409005LS		25	1.16	1.44	0.41	0.75
¾	H01	* H409007LS		25	1.53	1.84	0.53	1.00
1	H01	* H409010LS		25	1.81	2.09	0.69	1.13
1 ¼	H01	* H409012LS		10	2.06	2.47	0.81	1.28
1 ½	H01	* H409015LS		10	2.38	2.63	1.06	1.28
2	H01	* H409020LS		10	2.63	3.00	1.25	1.41
2 ½	H01	* H409025LS		5	3.38	3.72	1.53	2.25

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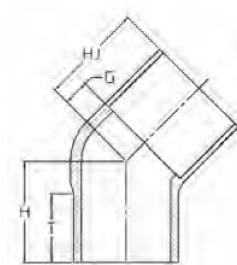
45° Ell (S x S)



Size (inch)	P/L	Part No.	USD	Pack Qty	H (inch)	J (inch)
¼	H01	*H417002LS		10	1.09	0.41
⅜	H01	*H417003LS		10	1.13	0.38
½	H01	*H417005LS		25	1.00	0.25
¾	H01	*H417007LS		25	1.38	0.44
1	H01	*H417010LS		25	1.50	0.47
1 ¼	H01	*H417012LS		10	1.78	0.53
1 ½	H01	*H417015LS		10	1.91	0.59
2	H01	*H417020LS		10	2.06	0.69
2 ½	H01	*H417025LS		5	2.44	0.69
3	H01	*H417030LS		5	2.84	0.84
4	H01	*H417040LS		5	3.09	1.09
6	H01	*H417060LS		2	4.75	1.72
8	H01	*H417080LS		1	6.00	2.00

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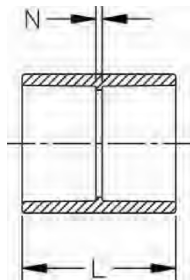
45° Street Ell (SPG x S)



Size (inch)	P/L	Part No.	USD	Pack Qty	HJ (inch)	H (inch)	G (inch)	T (inch)
½	H01	*H427005LS		25	1.28	1.28	0.41	0.94
¾	H01	*H427007LS		25	1.53	1.50	0.53	1.06
1	H01	*H427010LS		25	1.66	1.59	0.53	1.19
1 ¼	H01	*H427012LS		10	1.91	1.78	0.66	1.28
1 ½	H01	*H427015LS		10	2.09	2.03	0.72	1.44
2	H01	*H427020LS		10	2.00	2.00	0.47	1.38
2 ½	H01	*H427025LS		5	2.63	2.63	0.88	1.88
3	H01	*H427030LS		5	3.03	2.97	1.22	1.97
4	H01	*H427040LS		5	3.81	3.66	1.56	2.38

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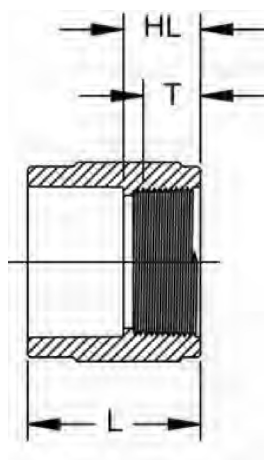
Coupling (S x S)



Size (inch)	P/L	Part No.	Pack Qty	L (inch)	N (inch)
¼	H01	*H429002LS	10	1.37	0.06
⅜	H01	*H429003LS	10	2.63	0.13
½	H01	*H429005LS	25	1.59	0.13
¾	H01	*H429007LS	25	2.09	0.13
1	H01	*H429010LS	25	2.13	0.13
1 ¼	H01	*H429012LS	10	2.34	0.13
2	H01	*H429020LS	10	2.88	0.19
2 ½	H01	*H429025LS	5	3.75	0.19
3	H01	*H429030LS	5	3.97	0.19
4	H01	*H429040LS	5	4.25	0.25
6	H01	*H429060LS	2	6.31	0.25
8	H01	*H429080LS	2	8.34	0.25

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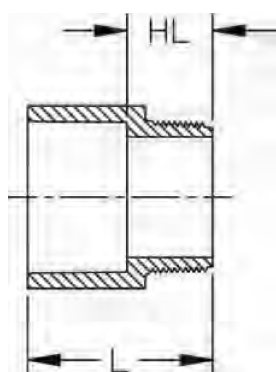
Female Adapter (S x FPT)



Size (inch)	P/L	Part No.	USD	Pack Qty	HL (inch)	L (inch)	T (inch)
1/4	H01	* H435002SRLS		10	0.75	1.31	0.40
3/8	H01	* H435003SRLS		10	0.75	1.44	0.41
1/2	H01	* H435005SRLS		25	0.91	1.75	0.53
3/4	H01	* H435007SRLS		25	0.95	1.88	0.55
1	H01	* H435010SRLS		25	1.11	2.13	0.68
1 1/4	H01	* H435012SRLS		10	1.16	2.31	0.71
1 1/2	H01	* H435015SRLS		10	1.19	2.44	0.72
2	H01	* H435020SRLS		10	1.23	2.69	0.76
2 1/2	H01	* H435025SRLS		5	1.75	3.25	1.14
3	H01	* H435030SRLS		5	1.91	3.50	1.20
4	H01	* H435040SRLS		5	2.02	3.94	1.30

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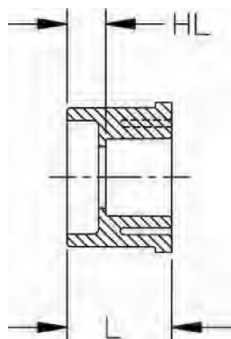
Male Adapter (S x MPT)



Size (inch)	P/L	Part No.	USD	Pack Qty	HL (inch)	L (inch)
1/2	H01	* H436005LS		25	0.16	1.53
3/4	H01	* H436007LS		25	0.16	1.72
1	H01	* H436010LS		25	0.22	2.06
1 1/4	H01	* H436012LS		10	0.19	2.44
1 1/2	H01	* H436015LS		10	0.19	2.53
2	H01	* H436020LS		10	0.22	2.66
2 1/2	H01	* H436025LS		5	0.28	3.81
3	H01	* H436030LS		5	0.28	3.91
4	H01	* H436040LS		5	0.28	4.03

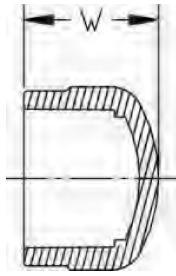
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Flush Style Reducer Bushing (SPG x S)



Size (inch)	P/L	Part No.	USD	Pack Qty	HL (inch)	L (inch)
3/4 x 1/2	H01	* H437101LS		25	0.28	1.06
1 x 3/4	H01	* H437131LS		25	0.31	1.25
1 1/4 x 1	H01	* H437168LS		25	0.44	1.50
1 1/2 x 1	H01	* H437211LS		25	0.50	1.53
1 1/2 x 1 1/4	H01	* H437212LS		25	0.28	1.53
2 x 1 1/2	H01	* H437251LS		10	0.25	1.56
2 1/2 x 2	H01	* H437292LS		5	0.69	2.06
3 x 2	H01	* H437338LS		5	0.56	2.22
3 x 2 1/2	H01	* H437339LS		5	0.44	2.22
4 x 3	H01	* H437422LS		5	0.47	2.34
6 x 4	H01	* H437532LS		2	1.50	3.56
8 x 6	H01	* H437585LS		2	1.38	4.41

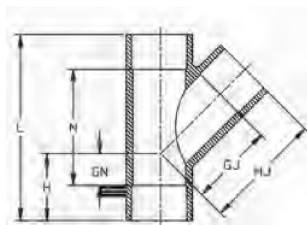
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Cap (S)

Size (inch)	P/L	Part No.	D	Pack Qty	W (inch)
¼	H01	* H447002LS		10	3.63
⅜	H01	* H447003LS		10	1.00
½	H01	* H447005LS		25	1.03
¾	H01	* H447007LS		25	1.31
1	H01	* H447010LS		25	1.56
1 ¼	H01	* H447012LS		10	1.75
1 ½	H01	* H447015LS		10	1.91
2	H01	* H447020LS		10	2.03
2 ½	H01	* H447025LS		5	2.56
3	H01	* H447030LS		5	2.91
4	H01	* H447040LS		5	3.13
6	H01	* H447060LS		2	5.00
8	H01	* H447080LS		2	6.38

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45° Wye (S x S x S)

Size (inch)	P/L	Part No.	Ø	Pack Qty	GJ (inch)	GN (inch)	H (inch)	HJ (inch)	L (inch)	N (inch)
1 ½	H01	* H475015LS		20	2.59	0.50	1.88	3.97	5.81	3.06
2	H01	* H475020LS		10	3.22	0.59	2.13	4.75	6.88	3.81
3	H01	* H475030LS		4	4.56	0.88	2.78	6.47	8.75	4.94
4	H01	* H475040LS		4	5.72	1.22	3.50	7.97	10.75	6.25
6	H01	* H475060LS		2	8.50	1.31	4.31	11.66	15.38	9.38
6 x 4	H01	* H475532LS		2	6.56	0.97	3.94	12.66	12.66	8.09