



Georg Fischer Harvel

Technology Center



CPVC Pipe Schedule 40 Dimensions

Nom. Pipe Size (in)	O.D.	Average I.D.	Min. Wall	Nom. Wt./Ft.	Max. W.P. PSI**
1/4"	0.540	0.344	0.088	0.096	780
3/8"	0.675	0.473	0.091	0.128	620
1/2"	0.840	0.602	0.109	0.190	600
3/4"	1.050	0.804	0.113	0.253	480
1"	1.315	1.029	0.133	0.371	450
1-1/4"	1.660	1.360	0.140	0.502	370
1-1/2"	1.900	1.590	0.145	0.599	330
2"	2.375	2.047	0.154	0.803	280
2-1/2"	2.875	2.445	0.203	1.267	300
3"	3.500	3.042	0.216	1.660	260
3-1/2"	4.000	3.521	0.226	1.996	240
4"	4.500	3.998	0.237	2.363	220
6"	6.625	6.031	0.280	4.164	180
8"	8.625	7.942	0.322	6.268	160
10"	10.750	9.976	0.365	8.886	140
12"	12.750	11.889	0.406	11.751	130
14"	14.000	13.073	0.437	13.916	130
16"	16.000	14.940	0.500	18.167	130
18"	18.000	16.809	0.562	22.965	130
20"	20.000	18.743	0.593	29.976	120
24"	24.000	22.544	0.687	37.539	120

** The Pressure ratings shown are for water, non-shock, @ 73°F with plain end pipe. Threaded pipe requires a 50% reduction in the pressure ratings stated. Appropriate temperature de-rating factors must be applied to determine the maximum allowable pressure when working at elevated temperatures greater than 73°F.

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