

Schedule 40 CPVC Pipe Pressure Ratings and Dimensions

Nominal Size	Outside Diameter	Average I.D.	Min. Wall	Nominal Wt./Ft.	Maximum W.P. PSI*
(inches)	(inches)	(inches)	(inches)	(pounds)	(psi)
1/8"	0.405	0.249	0.095	0.055	910
1/4"	0.540	0.344	0.119	0.093	780
3/8"	0.675	0.473	0.126	0.125	620
1/2"	0.840	0.602	0.147	0.184	600
3/4"	1.050	0.804	0.154	0.245	480
1"	1.315	1.029	0.179	0.360	450
1-1/4"	1.660	1.360	0.191	0.487	370
1-1/2"	1.900	1.590	0.200	0.581	330
2"	2.375	2.047	0.218	0.779	280
2-1/2"	2.875	2.445	0.276	1.229	300
3"	3.500	3.042	0.300	1.610	260
4"	4.500	3.998	0.337	2.292	220
6"	6.625	6.031	0.432	4.039	180
8"	8.625	7.942	0.500	6.079	160
10"	10.750	9.976	0.593	8.618	140
12"	12.750	11.889	0.687	11.397	130
14"	14.000	13.073	0.750	13.482	130
16"	16.000	14.940	0.843	17.619	130
18"	18.000	16.809	0.937	22.271	130
20"	20.000	18.743	1.031	26.162	120
24"	24.000	22.544	1.218	36.406	120

Technical data provided by Spears Manufacturing. *Pressure ratings are for water, non-shock, @73°F. Threaded pipe requires a 50% reduction in the pressure ratings stated for plain-end pipe @ 73°F. Threading recommended for Schedule 80 or heavier walls only. Maximum service temperature for PVC is 140°F. Maximum service temperature for CPVC is 200°F. The pressure rating of the pipe must be de-rated when working at elevated temperatures.