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Schedule 80 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	0.195	0.095	0.068	1230
1/4"	0.540	0.282	0.119	0.115	1130
3/8"	0.675	0.403	0.126	0.158	920
1/2"	0.840	0.526	0.147	0.232	850
3/4"	1.050	0.722	0.154	0.314	690
1"	1.315	0.936	0.179	0.461	630
1-1/4"	1.660	1.255	0.191	0.683	520
1-1/2"	1.900	1.476	0.200	0.773	470
2"	2.375	1.913	0.218	1.070	400
2-1/2"	2.875	2.290	0.276	1.632	420
3"	3.500	2.864	0.300	2.186	370
4"	4.500	3.786	0.337	3.196	320
6"	6.625	5.709	0.432	6.102	280
8"	8.625	7.565	0.500	9.269	250
10"	10.750	9.493	0.593	13.744	230
12"	12.750	11.294	0.687	18.909	230
14"	14.000	12.410	0.750	22.681	220
16"	16.000	14.213	0.843	29.162	220
18"	18.000	16.014	0.937	36.487	220
20"	20.000	17.814	1.031	44.648	220
24"	24.000	21.418	1.218	63.351	210

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.

For more information, please visit cooneybrothers.com or contact 610-272-2100.