

Rigid & Flexible PVC Pipe Size Chart

Buy this size	Pipe Outside Diameter, OD Tolerance +/- .01"/.25mm (Inches, millimeters)	Schedule 40 ASTM D1785			Schedule 80 ASTM D1785			Class 200 ASTM D2241			
		ID* Inches	Wall Thickness* Inches	Rigid Pipe P.S.I.**	FlexPVC Pipe Working/Burst P.S.I.**@68F (MORE DATA)	ID* Inches	Wall Thickness* Inches	P.S.I.**	ID* Inches	Wall Thickness* Inches	P.S.I.**
1/2"	.840 (~7/8", 21.336mm)	.622	.109	600	100/400	.546	.147	850	0.716	0.062	200
3/4"	1.050 (~1", 26.670mm)	.824	.113	480	100/400	.742	.154	690	0.930	0.060	200
1"	1.315 (~1-5/16", 33.401mm)	1.049	.133	450	100/355	.957	.179	630	1.189	0.063	200
1-1/4"	1.660 (~1-5/8", 42.164mm)	1.380	.140	370	80/250	1.278	.191	520	1.502	0.079	200
1-1/2"	1.900 (~1-7/8", 48.260mm)	1.610	.145	330	65/200	1.500	.200	470	1.720	0.090	200
2"	2.375 (~2-3/8", 60.325mm)	2.067	.154	280	60/175	1.939	.218	400	2.149	0.113	200
2-1/2"	2.875 (~2-7/8", 73.025mm)	2.469	.203	300	50/125	2.323	.276	420	2.601	0.137	200
3"	3.500 (3-1/2", 88.900mm)	3.068	.216	260	50/125	2.900	.300	370	3.166	0.167	200
4"	4.500 (4-1/2", 114.300mm)	4.026	.237	220	45/100	3.826	.337	320	4.072	0.214	200
5"	5.563 (~5-1/2", 141.300mm)	5.047	.258	190	--/--	4.768	.375	290	--	--	--
6"	6.625 (~6-5/8", 168.275mm)	6.065	.280	180	45/100	5.761	.432	280	5.993	0.316	200
8"	8.625 (~8-5/8", 219.075mm)	7.961	.332	160	--	7.565	.500	250	7.740	0.410	200
10"	10.750 (10-3/4", 273.050mm)	9.976	.365	140	--	9.492	.593	230	9.650	0.511	200
12"	12.750 (12-3/4", 323.850mm)	11.890	.406	130	--	11.294	.687	230	11.450	0.606	200

* ID and wall thickness can vary from 2% to 10%. Only the pipe OD is held to tolerance. Pipe ID will vary, even along a single piece of pipe.

**Disclaimer: Pressure ratings above are for a temperature of 68F. See chart below for higher temperatures.

Operating Temperature F°(C°)	73(23)	80(27)	90(32)	100(38)	110(43)	120(49)	130(54)	140(60)
PVC Pipe	100%	90%	75%	62%	50%	40%	30%	22%

Note: The temperature ratings above are for the temp of the pipe, not the fluid traveling through it. Typically the temperature of the pipe is much less than the fluid going through it due to radiation (heat loss) and the heat barrier effect, ie the insulating properties of the pipe.