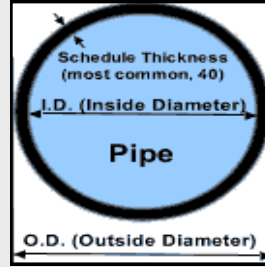
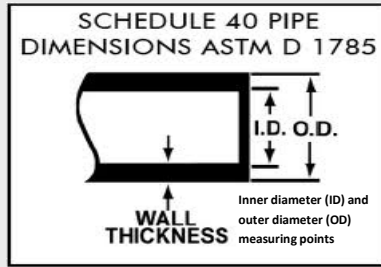


PVC and CPVC Sizing Chart

Schedule 40 and 80 Rigid PVC Pipe Specifications



When sizing your PVC (polyvinyl chloride) pipe I.D. (inner diameter) and O.D. (outer diameter) be sure to check that you are using the proper materials. PVC is used for water temperatures up to 140 degrees and CPVC (chlorinated polyvinyl chloride) is for hot water temperatures up to 210 degrees. Also when connecting to existing pipe make note of the pipe size and schedule which is typically printed along the side. This will determine the wall thickness and strength of the pipe being used. Be sure to measure the pipe Inner and outer dimensions according to the image above to ensure proper fitting size if the pipe schedule size cannot be found on the pipe itself.

**PVC Facts**

- \*CPVC and PVC fitting are specific to the type of pipe being used; do not mix fittings when assembling the piping system.
- \*CPVC pipe and fittings can be used in hot water applications up to 210 degrees.
- \*Schedule 40 and 80 PVC should be used for water application below 120 degrees; schedule 40 has a max psi of 358;
- \*Schedule 80 has a max psi of 509.
- \*It's important that each schedule pipe be fitted with the specified glue and primer to insure a proper seal and no leaks.

PVC and CPVC Pipes - Schedule 40					
Nominal Pipe Size (Diameter of the pipe opening in Inches)	Outside Diameter (Inches)	Minimum Wall Thickness (Inches)	Nominal Inside Diameter (Inches)	Weight (lb/ft)	
				PVC	CPVC
1/2	0.84	0.109	0.622	0.16	0.17
3/4	1.05	0.113	0.824	0.21	0.23
1	1.315	0.133	1.049	0.32	0.34
1 1/4	1.66	0.14	1.38	0.43	0.46
1 1/2	1.9	0.145	1.61	0.51	0.55
2	2.375	0.154	2.067	0.68	0.74
2 1/2	2.875	0.203	2.469	1.07	1.18
3	3.5	0.216	3.068	1.41	1.54
4	4.5	0.237	4.026	2.01	2.2
5	5.563	0.258	5.047	2.73	
6	6.625	0.28	6.065	3.53	3.86
8	8.625	0.322	7.981	5.39	5.81

PVC and CPVC Pipes - Schedule 80					
Nominal Pipe Size (Diameter of the pipe opening in Inches)	Outside Diameter (Inches)	Minimum Wall Thickness (Inches)	Nominal Inside Diameter (Inches)	Weight (lb/ft)	
				PVC	CPVC
1/2	0.84	0.147	0.546	0.20	0.22
3/4	1.05	0.154	0.742	0.27	0.3
1	1.315	0.179	0.957	0.41	0.44
1 1/4	1.66	0.191	1.278	0.52	0.61
1 1/2	1.9	0.2	1.5	0.67	0.74
2	2.375	0.218	1.939	0.95	1.02
2 1/2	2.875	0.276	2.323	1.45	1.56
3	3.5	0.3	2.9	1.94	2.09
4	4.5	0.337	3.826	2.75	3.05
5	5.563	0.375	4.813	3.87	
6	6.625	0.432	5.761	5.42	5.82
8	8.625	0.5	7.625	8.05	8.83



Information sources include WW Grainger, Inc.

If you are still having difficulty choosing PVC Products, please contact us at [askzoro@zoro.com](mailto:askzoro@zoro.com) or 855-289-9676

Product Compliance and Suitability.

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