



ASTM D2241 : Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)*

Dimension In Millimeter

Nominal Size	Outside Diameter (mm)		Wall Thickness (mm)																				
			PN 4.3 bar			PN 6.9 bar			PN 8.6 bar			PN 11 bar			PN 13.8 bar			PN 17.2 bar			PN 21.7 bar		
			SDR 64			SDR 41			SDR 32.5			SDR 26			SDR 21			SDR 17			SDR 13.5		
inch	Min (mm)	Max (mm)	Min (mm)	Max (mm)	Mass kg/m	Min (mm)	Max (mm)	Mass kg/m	Min (mm)	Max (mm)	Mass kg/m	Min (mm)	Max (mm)	Mass kg/m	Min (mm)	Max (mm)	Mass kg/m	Min (mm)	Max (mm)	Mass kg/m	Min (mm)	Max (mm)	Mass kg/m
1/2	21.24	21.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.575	2.083	-
3/4	26.57	26.77	-	-	-	-	-	-	-	-	-	-	-	-	1.524	2.032	0.182	1.575	2.083	0.188	1.981	2.489	0.232
1	33.27	33.53	-	-	-	-	-	-	-	-	-	1.524	2.032	-	1.600	2.108	0.242	1.956	2.464	0.292	2.464	2.972	0.362
1 1/4	42.03	42.29	-	-	-	-	-	-	1.524	2.032	0.295	1.626	2.134	0.314	2.007	2.515	0.383	2.489	2.997	0.470	3.124	3.632	0.580
1 1/2	48.11	48.41	-	-	-	-	-	-	1.524	2.032	0.339	1.854	3.362	0.409	2.286	2.794	0.500	2.845	3.353	0.615	3.581	4.089	0.761
2	60.17	60.47	-	-	-	-	-	-	1.854	2.362	0.516	2.311	2.819	0.638	2.870	3.378	0.785	3.556	4.064	0.961	4.470	4.978	1.188
2 1/2	72.84	73.20	-	-	-	-	-	-	2.236	2.743	0.753	2.794	3.302	0.934	3.480	3.988	1.152	4.293	4.801	1.405	8.410	6.071	2.586
3	88.70	89.10	-	-	-	2.159	2.667	0.892	2.743	3.251	1.125	3.429	3.937	1.396	4.242	4.750	1.710	5.232	5.867	2.084	6.579	7.366	2.579
3 1/2	101.40	101.80	-	-	-	2.489	2.997	1.175	3.124	3.632	1.465	3.912	4.420	1.820	4.826	5.410	2.224	5.969	6.680	2.719	7.518	8.433	3.369
4	114.07	114.53	1.778	2.286	0.953	2.794	3.302	1.484	3.505	4.013	1.850	4.394	4.902	2.300	5.426	6.096	2.814	6.731	7.544	3.448	8.458	9.474	4.263
5	141.05	141.55	2.210	2.718	1.464	3.454	3.962	2.268	7.343	4.877	4.686	5.436	6.121	3.518	6.731	7.544	4.315	8.306	9.296	5.262	10.465	11.709	6.522
6	168.00	168.56	2.642	3.150	2.085	4.115	4.623	3.219	5.182	5.791	4.027	6.477	7.264	4.993	8.026	8.992	6.128	9.906	11.100	7.475	12.471	13.970	9.257
8	218.70	219.46	3.429	3.937	3.523	5.334	5.969	5.432	6.731	7.544	6.810	8.433	9.449	8.463	10.414	11.659	10.353	12.903	14.453	12.674	-	-	-
10	272.67	273.43	4.267	4.775	5.466	6.655	7.442	8.449	8.407	9.423	10.604	10.490	11.760	13.126	12.979	14.529	16.087	16.053	17.983	19.661	-	-	-
12	323.47	324.23	5.055	5.664	7.682	7.899	8.839	11.897	9.957	11.151	14.899	12.446	13.945	18.476	15.392	17.247	22.632	19.050	21.336	27.678	-	-	-
14	355.22	355.98	-	-	-	8.661	9.881	14.326	10.922	12.243	17.948	13.666	15.291	22.278	16.916	18.948	27.314	20.904	23.419	33.355	-	-	-
16	405.92	406.88	-	-	-	9.906	11.303	18.723	12.497	13.995	23.466	15.521	17.501	28.920	19.365	21.666	35.727	23.901	26.772	43.579	-	-	-
18	456.72	457.68	-	-	-	11.151	12.700	23.714	14.072	15.748	29.729	17.577	19.685	36.840	21.768	24.384	45.189	26.899	30.124	55.182	-	-	-
20	507.42	508.58	-	-	-	12.396	14.122	29.287	15.621	17.501	36.667	19.533	21.869	45.484	24.181	27.076	55.771	29.870	33.452	68.081	-	-	-
24	608.81	610.39	-	-	-	14.859	16.942	42.122	18.745	20.980	52.791	23.444	26.264	65.499	29.032	32.512	80.336	35.865	40.157	98.075	-	-	-
30	760.96	763.04	-	-	-	18.593	21.184	65.878	23.444	26.264	82.523	29.312	32.817	102.358	36.271	40.615	125.454	44.831	50.216	153.230	-	-	-
36	913.13	915.67	-	-	-	22.301	25.425	94.818	28.143	31.521	118.872	35.179	39.396	147.410	43.536	48.743	180.692	53.797	60.249	220.644	-	-	-

*Suitable for water supply, sewerage and ducting applications