

## PVC PIPE SPECIFICATIONS

### Polyvinyl Chloride Schedule 40 Pipe (PS-21-70, ASTM 1785)

Nominal Pipe Size	Minimum O.D.		Minimum I.D.		Minimum Wall Thickness		Nominal Weight per 100ft/100m		Maximum Work Press at 73.4° (23°C)	
	inches	cm	inches	cm	inches	cm	pounds	kgs	psi	kpa
½"	0.84	2.13	0.62	1.58	0.109	0.28	16.4	24.4	600	4134
¾"	1.05	2.67	0.804	2.04	0.113	0.29	21.8	32.4	480	3307
1"	1.315	3.34	1.029	2.61	0.133	0.34	32.1	47.8	450	3100
1 ¼"	1.66	4.22	1.36	3.45	0.14	0.36	43.4	64.6	370	2549
1 ½"	1.9	4.83	1.59	4.04	0.145	0.37	51.8	77.1	330	2274
2"	2.375	6.03	2.047	5.2	0.154	0.39	69.5	101.9	280	1929
2 ½"	2.875	7.3	2.445	6.21	0.203	0.52	109.6	163.1	300	2067
3"	3.5	8.89	3.042	7.73	0.216	0.55	143.5	213.6	260	1791
4"	4.5	11.43	3.998	10.16	0.237	0.6	204.3	304	240	1516
4 ½"	4.95	12.57	4.454	11.31	0.248	0.63	231.9	345.1	200	1378
5"	5.563	14.13	5.016	12.74	0.258	0.66	277.6	413.1	190	1309
6"	6.625	16.83	6.031	15.32	0.28	0.71	360	535.7	180	1240
8"	8.625	21.91	7.941	20.17	0.322	0.82	542.7	807.5	160	1102
10"	10.75	27.31	9.976	25.34	0.365	0.93	768.3	1143.2	140	965
12"	12.75	32.39	11.889	30.2	0.406	1.03	1017.1	1513.5	130	896

### Polyvinyl Chloride Schedule 80 Pipe (PS-21-70, ASTM 1785)

Nominal Pipe Size	Minimum O.D.		Minimum I.D.		Minimum Wall Thickness		Nominal Weight per 100ft/100m		Maximum Work Press at 73.4° (23°C)	
	inches	cm	inches	cm	inches	cm	pounds	kgs	psi	kpa
½"	0.84	2.13	0.526	1.33	0.147	0.37	20.5	30.5	850	5857
¾"	1.05	2.67	0.722	1.83	0.154	0.39	27.8	41.4	690	4754
1"	1.315	3.34	0.936	2.38	0.179	0.46	40.9	60.9	630	4341
1 ¼"	1.66	4.22	1.255	3.19	0.191	0.49	56.7	84.4	520	3583
1 ½"	1.9	4.83	1.476	3.75	0.2	0.51	68.6	102.1	470	3240
2"	2.375	6.03	1.913	4.86	0.218	0.55	94.9	141.2	400	2756
2 ½"	2.875	7.3	2.29	5.9	0.276	0.7	144.9	215.6	420	2894
3"	3.5	8.89	2.864	7.27	0.3	0.76	193.8	288.4	370	2549
4"	4.5	11.43	3.786	9.62	0.337	0.86	283.3	421.6	320	2205
5"	5.563	14.13	4.786	12.11	0.375	0.95	393.3	586	290	1998
6"	6.625	16.83	5.709	14.5	0.432	1.1	541.1	805.2	280	1929
8"	8.625	21.91	7.565	19.22	0.5	1.27	821.9	1223	250	1723
10"	10.75	27.31	9.493	24.11	0.593	1.51	1219.5	1814.6	230	1585
12"	12.75	32.39	11.294	28.69	0.687	1.75	1676.5	2494.6	230	1585