

Dimension of PVC Pipes :-

DIMENSION OF UPVC PIPES								Wall thickness of pipes	
Outside Diameter	On Outside Diameter	Class 1 2.5 Kgf/cm ²		Class 2 4 Kgf/cm ²		Class 3 6 Kgf/cm ²		Class 5 10 Kgf/cm ²	
Size	Min	Min	Max	Min	Max	Min	Max	Min	Max
20	+ 0.3	-	-	-	-	-	-	1.1	1.5
25	+ 0.3	-	-	-	-	-	-	1.4	1.8
32	+ 0.3	-	-	-	-	-	-	1.8	2.2
40	+ 0.3	-	-	-	-	1.4	1.8	2.2	2.7
50	+ 0.3	-	-	-	-	1.7	2.1	2.8	3.3
63	+ 0.3	-	-	-	1.9	2.2	2.7	3.5	4.1
75	+ 0.3	-	-	1.5	2.2	2.6	3.1	4.2	4.9
90	+ 0.3	1.3	1.7	1.8	2.6	3.1	3.7	5.0	5.7
110	+ 0.4	1.6	2.0	2.1	3	3.7	4.3	6.1	7.1
140		2.0	2.4	3.2	3.8	4.8	5.5	7.7	8.9
160	+ 0.5	2.3	2.8	3.7	4.3	5.4	6.2	8.8	10.2
180		2.6	3.1	4.2	4.9	6.1	7.1	9.9	11.4
200	+ 0.6	2.9	3.4	4.6	5.3	6.8	7.9	11.0	12.7
225		3.3	3.9	5.2	6.0	7.6	8.8	12.4	14.3
250	+ 0.8	3.6	4.2	5.7	6.5	8.5	9.8	13.8	15.9

Dimensions as per ASTM D 1785
Wall Thickness for Schedule 40-80-120.

Nom. Dia. inch	Outer Dia. mm	Minimum Wall Thickness							
		Schedule - 40		Schedule - 80		Schedule - 120			
		mm	inch	mm	inch	mm	inch	mm	inch
0.50"	21.24	2.77	0.109	3.73	0.147	4.32	0.170		
0.75"	26.57	2.87	0.113	3.91	0.154	4.32	0.170		
1.0"	33.27	3.38	0.133	4.55	0.179	5.08	0.200		
1.25"	42.03	3.56	0.140	4.85	0.191	5.46	0.215		
1.50"	48.11	3.68	0.145	5.08	0.200	5.72	0.225		
2.0"	60.17	3.91	0.154	5.54	0.218	6.35	0.250		
2.50"	72.84	5.16	0.203	7.01	0.276	7.62	0.300		
3.0"	88.70	5.49	0.216	7.62	0.300	8.89	0.350		
3.50"	101.40	5.74	0.226	8.08	0.318	8.89	0.350		
4.0"	114.07	6.02	0.237	8.50	0.337	11.10	0.437		
5.0"	141.05	6.55	0.258	9.52	0.375	12.70	0.500		
6.0"	168.00	7.11	0.280	10.97	0.432	14.27	0.562		
8.0"	218.70	8.18	0.322	12.70	0.500	18.24	0.718		
10.0"	272.67	9.27	0.365	15.06	0.593	21.41	0.843		
12.0"	323.47	10.31	0.406	17.45	0.687	25.40	1.000		