



SCHEDULE 80 FITTINGS

UPVC.CPVC

Standard Specifications SCHEDULE 40,80, PVC PIPE

Scope : RThis specification covers requirements for schedule 40,80,PVC pressure pipe as described in ASTM D-1785.

Material : RPVC used is Type I,Grade I compound, Cell classification 12454-B per ASTM D-1784

Dimensions : RDimensions and tolerances shall be as shown in the following tables when measured

according to Method D-2122. Tolerances for out-of-Roundness shall only to pipe prior to shipment.

Marking Rindicates manufacturer's name, naterial Designation code, naminal pipe size, Schedule size With pressure rating in PSI for water at 73cXF,FSTM Designation number D-1785

Standard Specifications

Nominal Pipe Size	Outside Diameter	Tolerances		
		Average	For Maximum and Minimum Diameter (Out-of-Roundness)	
			Schedule 40	Schedule 80
1/8	0.405	±0.004	±0.008	±0.008
1/4	0.540	±0.004	±0.008	±0.008
3/8	0.675	±0.004	±0.008	±0.008
1/2	0.840	±0.004	±0.008	±0.008
3/4	1.050	±0.004	±0.010	±0.010
1	1.315	±0.005	±0.010	±0.010
1-1/4	1.660	±0.005	±0.012	±0.012
1-1/2	1.900	±0.006	±0.012	±0.012
2	2.375	±0.006	±0.012	±0.012
2 1/2	2.875	±0.007	±0.015	±0.015
3	3.500	±0.008	±0.015	±0.015
3 1/2	4.000	±0.008	±0.050	±0.015
4	4.500	±0.009	±0.050	±0.015
5	5.563	±0.101	±0.050	±0.030
6	6.625	±0.011	±0.050	±0.035
8	8.625	±0.015	±0.075	±0.075
10	10.752	±0.015	±0.075	±0.075
12	12.750	±0.015	±0.075	±0.075
14	14.000	±0.015	±0.100	±0.100
16	16.000	±0.019	±0.160	±0.160
18	18.000	±0.019	±0.180	±0.180
20	20.000	±0.023	±0.200	±0.200
24	24.000	±0.031	±0.240	±0.240

Wall Thicknesses and Tolerances

Nominal Pipe Size	Tolerances			
	Schedule 40		Schedule 80	
	Minmum	Tolerance	Minmum	Tolerance
1/8	0.068	±0.020	±0.095	±0.020
1/4	0.088	±0.020	±0.119	±0.020
3/8	0.091	±0.020	±0.126	±0.020
1/2	0.109	±0.020	±0.147	±0.020
3/4	0.113	±0.020	±0.154	±0.020
1	0.133	±0.020	±0.179	±0.021
1-1/4	0.140	±0.020	±0.191	±0.023
1-1/2	0.145	±0.020	±0.200	±0.024
2	0.154	±0.020	±0.218	±0.026
2 1/2	0.203	±0.024	±0.276	±0.033
3	0.216	±0.026	±0.300	±0.036
3 1/2	0.226	±0.027	±0.318	±0.038
4	0.237	±0.028	±0.337	±0.042
5	0.258	±0.031	±0.375	±0.045
6	0.280	±0.034	±0.432	±0.052
8	0.322	±0.039	±0.500	±0.060
10	0.365	±0.044	±0.593	±0.071
12	0.406	±0.049	±0.687	±0.082
14	0.437	±0.053	±0.750	±0.090
16	0.500	±0.060	±0.843	±0.101
18	0.562	±0.067	±0.937	±0.112
20	0.593	±0.071	±1.031	±0.124
24	0.687	±0.082	±1.218	±0.146