

PVC Schedule 40 Pipe & Pressure Fittings

PVC Schedule 40 pipe and fittings are made for use in cold water systems where the temperature does not exceed 140°F. PVC Schedule 40 fittings are made in compliance with ASTM D2466. Schedule 40 pipe meets the requirements of ASTM D1785. Both the pipe and fittings are manufactured from material conforming to ASTM D1784 and meeting cell Class 12454.

Schedule 40

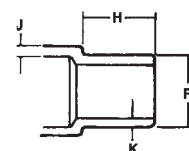
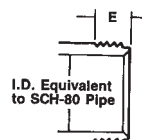
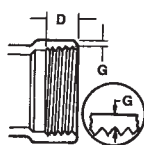
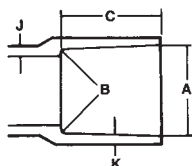
*Pipe Dimensions and References



(20 ft. lengths)

Nominal Size	Average Outside Diameter Inches	Average Inside Diameter Inches	Wall Thickness Inches		Pipe Wall Cross-Sectional Area Inches ²	Inside Diameter Area Inches ²
			Nom.	Min.		
1/2	0.840	0.602	0.119	0.109	0.270	0.285
3/4	1.050	0.804	0.123	0.113	0.358	0.508
1	1.315	1.029	0.143	0.133	0.527	0.832
1 1/4	1.660	1.360	0.150	0.140	0.712	1.453
1 1/2	1.900	1.590	0.155	0.145	0.850	1.986
2	2.375	2.047	0.164	0.154	1.139	3.291
2 1/2	2.875	2.445	0.215	0.203	1.797	4.695
3	3.500	3.042	0.229	0.216	2.353	7.268
4	4.500	3.998	0.251	0.237	3.351	12.554
6	6.625	6.031	0.297	0.280	5.904	28.567
8	8.625	7.942	0.341	0.322	8.887	49.539
10	10.750	9.976	0.387	0.365	12.599	78.164
12	12.750	11.889	0.430	0.406	16.662	111.015

Fittings¹



* Do not thread Schedule 40 pipe. Use appropriate fittings for threaded assembly.

Nominal Size	Average Outside Diameter Inches	Solvent Socket (Hub)			Internal Threads (FIPT)		External Threads (MIPT)	Male End (Spig)		Wall Thickness	
		A	B	C ² Min.	D	G Min.		F	H Min.	J ² Min.	K ² Min.
1/2	0.840	0.848	0.836	0.688	0.463	0.072	0.463	0.840	0.688	0.136	0.109
3/4	1.050	1.058	1.046	0.719	0.482	0.079	0.482	1.050	0.719	0.141	0.113
1	1.315	1.325	1.310	0.875	0.574	0.087	0.574	1.315	0.875	0.166	0.133
1 1/4	1.660	1.670	1.655	0.938	0.594	0.098	0.594	1.660	0.938	0.175	0.140
1 1/2	1.900	1.912	1.894	1.094	0.594	0.106	0.594	1.900	1.094	0.181	0.145
2	2.375	2.387	2.369	1.156	0.610	0.123	0.610	2.375	1.156	0.193	0.154
2 1/2	2.875	2.889	2.868	1.750	0.932	0.139	0.932	2.875	1.750	0.254	0.203
3	3.500	3.516	3.492	1.875	1.016	0.160	1.016	3.500	1.875	0.270	0.216
4	4.500	4.518	4.491	2.000	1.094	0.194	1.094	4.500	2.000	0.296	0.237
6	6.625	6.647	6.614	3.000	1.208	0.280	1.513	6.625	3.000	0.350	0.280
8	8.625	8.655	8.610	4.000	1.313	0.322	1.723	8.625	4.000	0.403	0.322
10	10.750	10.776	10.737	5.375	-	-	-	10.750	5.375	0.487	0.402
12	12.750	12.765	12.700	6.875	-	-	-	12.750	6.875	0.532	0.465

¹With exception of thread lengths, dimensions shown are listed in ASTM D 2466 for PVC Schedule 40 Fittings.

²NIBCO fittings may exceed certain minimum ASTM dimensional requirements shown in order to ensure functional satisfaction.

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