

Table 38: Schedule 40 Pipe Dimensions

Size Inches	Diameters			Transverse Areas			Length of Pipe per Sq. Foot of		Cubic Feet per Foot of Pipe	Weight per Foot Pounds	Number Threads per Inch of Screw
	External Inches	Internal Inches	Nominal Thickness Inches	External Sq. Ins.	Internal Sq. Ins.	Metal Sq. Ins.	External Surface Feet	Internal Surface Feet			
1/8	.405	.269	.068	.129	.057	.072	9.431	14.199	.00039	.244	27
1/4	.540	.364	.088	.229	.104	.125	7.073	10.493	.00072	.424	18
3/8	.675	.493	.091	.358	.191	.167	5.658	7.747	.00133	.567	18
1/2	.840	.622	.109	.554	.304	.250	4.547	6.141	.00211	.850	14
3/4	1.050	.824	.113	.866	.533	.333	3.637	4.635	.00370	1.130	14
1	1.315	1.049	.133	1.358	.864	.494	2.904	3.641	.00600	1.678	11½
1¼	1.660	1.380	.140	2.164	1.495	.669	2.301	2.767	.01039	2.272	11½
1½	1.900	1.610	.145	2.835	2.036	.799	2.010	2.372	.01414	2.717	11½
2	2.375	2.067	.154	4.430	3.355	1.075	1.608	1.847	.02330	3.652	11½
2½	2.875	2.469	.203	6.492	4.788	1.704	1.328	1.547	.03325	5.793	8
3	3.500	3.068	.216	9.621	7.393	2.228	1.091	1.245	.05134	7.575	8
3½	4.000	3.548	.226	12.56	9.886	2.680	.954	1.076	.06866	9.109	8
4	4.500	4.026	.237	15.90	12.73	3.174	.848	.948	.08840	10.790	8
5	5.563	5.047	.258	24.30	20.00	4.300	.686	.756	.1389	14.61	8
6	6.625	6.065	.280	34.47	28.89	5.581	.576	.629	.2006	18.97	8
8	8.625	7.981	.322	58.42	50.02	8.399	.442	.478	.3552	28.55	8
10	10.750	10.020	.365	90.76	78.85	11.90	.355	.381	.5476	40.48	8
12	12.750	11.938	.406	127.64	111.9	15.74	.299	.318	.7763	53.6	
14	14.000	13.125	.437	153.94	135.3	18.64	.272	.280	.9354	63.0	
16	16.000	15.000	.500	201.05	176.7	24.35	.238	.254	1.223	78.0	
18	18.000	16.874	.563	254.85	224.0	30.85	.212	.226	1.555	105.0	
20	20.000	18.814	.593	314.15	278.0	36.15	.191	.203	1.926	123.0	
24	24.000	22.626	.687	452.40	402.1	50.30	.159	.169	2.793	171.0	

Table 39: Schedule 80 Pipe Dimensions

Size Inches	Diameters			Transverse Areas			Length of Pipe per Sq. Foot of		Cubic Feet per Foot of Pipe	Weight per Foot Pounds	Number Threads per Inch of Screw
	External Inches	Internal Inches	Nominal Thickness Inches	External Sq. Ins.	Internal Sq. Ins.	Metal Sq. Ins.	External Surface Feet	Internal Surface Feet			
1/8	.405	.215	.095	.129	.036	.093	9.431	17.750	.00025	.314	27
1/4	.540	.302	.119	.229	.072	.157	7.073	12.650	.00050	.535	18
3/8	.675	.423	.126	.358	.141	.217	5.658	9.030	.00098	.738	18
1/2	.840	.546	.147	.554	.234	.320	4.547	7.000	.00163	1.00	14
3/4	1.050	.742	1.54	.866	.433	.433	3.637	5.15	.00300	1.47	14
1	1.315	.957	.179	1.358	.719	.639	2.904	3.995	.00500	2.17	11½
1¼	1.660	1.278	.191	2.164	1.283	.881	2.301	2.990	.00891	3.00	11½
1½	1.900	1.500	.200	2.835	1.767	1.068	2.010	2.542	.01227	3.65	11½
2	2.375	1.939	.218	4.430	2.953	1.477	1.608	1.970	.02051	5.02	11½
2½	2.875	2.323	.276	6.492	4.238	2.254	1.328	1.645	.02943	7.66	8
3	3.500	2.900	.300	9.621	6.605	3.016	1.091	1.317	.04587	10.3	8
3½	4.000	3.364	.318	12.56	8.888	3.678	.954	1.135	.06172	12.5	8
4	4.500	3.826	.337	15.90	11.497	4.407	.848	.995	.0798	14.9	8
5	5.563	4.813	.375	24.30	18.194	6.112	.686	.792	.1263	20.8	8
6	6.625	5.761	.432	34.47	26.067	8.300	.576	.673	.1810	28.6	8
8	8.625	7.625	.500	58.42	45.663	12.76	.442	.501	.3171	43.4	8
10	10.750	9.564	.593	90.76	71.84	18.92	.355	.400	.4989	64.4	8
12	12.750	11.376	.687	127.64	101.64	26.00	.299	.336	.7058	88.6	
14	14.000	12.500	.750	153.94	122.72	31.22	.272	.306	.8522	107.0	
16	16.000	14.314	.843	201.05	160.92	40.13	.238	.263	1.117	137.0	
18	18.000	16.126	.937	254.85	204.24	50.61	.212	.237	1.418	171.0	
20	20.000	17.938	1.031	314.15	252.72	61.43	.191	.208	1.755	209.0	
24	24.000	21.564	1.218	452.40	365.22	87.18	.159	.177	2.536	297.0	