

Standard Pipe Sizes

Nominal pipe size (in.)	Outside diameter (in.)	Schedule no.	Wall thickness (in.)	Inside diameter (in.)	Cross- sectional area of metal (in. ²)	Inside sectional area (ft. ²)
4	4.500	40	0.237	4.026	3.173	0.08840
		80	0.337	3.826	4.407	0.07986
		120	0.437	3.626	5.578	0.07170
5	5.563	160	0.531	3.438	6.621	0.06447
		40	0.258	5.047	4.304	0.1390
		80	0.375	4.813	6.112	0.1263
6	6.625	120	0.500	4.563	7.963	0.1136
		160	0.625	4.313	9.696	0.1015
		40	0.280	6.065	5.584	0.2006
8	8.625	80	0.432	5.761	8.405	0.1810
		120	0.562	5.501	10.71	0.1650
		160	0.718	5.189	13.32	0.1469
10	10.75	20	0.250	8.125	6.570	0.3601
		30	0.277	8.071	7.260	0.3553
		40	0.322	7.981	8.396	0.3474
12	12.75	60	0.406	7.813	10.48	0.3329
		80	0.500	7.625	12.76	0.3171
		100	0.593	7.439	14.96	0.3018
14	14.75	120	0.718	7.189	17.84	0.2819
		140	0.812	7.001	19.93	0.2673
		160	0.906	6.813	21.97	0.2532
16	16.75	20	0.250	10.250	8.24	0.5731
		30	0.307	10.136	10.07	0.5603
		40	0.365	10.020	11.90	0.5475
18	18.75	60	0.500	9.750	16.10	0.5158
		80	0.593	9.564	18.92	0.4989
		100	0.718	9.314	22.63	0.4732
20	20.75	120	0.843	9.064	26.34	0.4481
		140	1.000	8.750	30.63	0.4176
		160	1.125	8.500	34.02	0.3941
24	24.75	20	0.250	12.250	9.82	0.8185
		30	0.330	12.090	12.87	0.7972
		40	0.406	11.938	15.77	0.7773
26	26.75	60	0.562	11.626	21.52	0.7372
		80	0.687	11.376	26.03	0.7058
		100	0.843	11.064	31.53	0.6677
28	28.75	120	1.000	10.750	36.91	0.6303
		140	1.125	10.500	41.08	0.6013
		160	1.312	10.126	47.14	0.5592

Nominal pipe size (in.)	Outside diameter (in.)	Schedule no.	Wall thickness (in.)	Inside diameter (in.)	Cross- sectional area of metal (in. ²)	Inside sectional area (ft. ²)
1	0.405	40	0.068	0.269	0.072	0.00040
1 1/8		80	0.095	0.215	0.093	0.00025
1 1/4	0.540	40	0.088	0.364	0.125	0.00072
1 3/8		80	0.119	0.302	0.157	0.00050
1 1/2	0.675	40	0.091	0.493	0.167	0.00133
1 3/4		80	0.126	0.423	0.217	0.00098
2	0.840	40	0.109	0.622	0.250	0.00211
2 1/8		80	0.147	0.546	0.320	0.00163
2 1/4	1.050	160	0.187	0.466	0.384	0.00118
2 3/8		40	0.113	0.824	0.333	0.00371
2 1/2	1.315	80	0.154	0.742	0.433	0.00300
2 3/4		160	0.218	0.614	0.570	0.00206
3	1.315	40	0.133	1.049	0.494	0.00600
3 1/8		80	0.179	0.957	0.639	0.00499
3 1/4	1.900	160	0.250	0.815	0.837	0.00362
3 3/8		40	0.145	1.610	0.799	0.01414
3 1/2	2.375	80	0.200	1.500	1.068	0.01225
3 3/4		160	0.281	1.338	1.429	0.00976
4	2.375	40	0.154	2.067	1.075	0.02330
4 1/8		80	0.218	1.939	1.477	0.02050
4 1/4	2.875	160	0.343	1.689	2.190	0.01556
4 3/8		40	0.203	2.469	1.704	0.03322
4 1/2	3.500	80	0.276	2.323	2.254	0.02942
4 3/4		160	0.375	2.125	2.945	0.02463
5	3.500	40	0.216	3.068	2.228	0.05130
5 1/8		80	0.300	2.900	3.016	0.04587
5 1/4		160	0.437	2.626	4.205	0.03761

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