

## COMMERCIAL PIPE SIZES AND WALL THICKNESSES

This table lists standard pipe sizes and wall thicknesses, or specifically:

1. Traditional standard weight, extra strong and durable extra strong pipe.
2. Pipe wall thickness in American Standard B36.10 for carbon steel.
3. Pipe wall thickness in ASTM Specification A409 and American Standard B36.19 and applicable only to corrosion resistant materials.

Note: All dimensions in inches and thicknesses are nominal or average wall thickness. Actual thickness may be as much as 12.5% under nominal due to mill tolerance.

NOM. PIPE SIZE	OUTSIDE DIA.	NOMINAL WALL THICKNESS FOR					
		SCH 5S*	SCH 10S*	SCH 10	SCH 20	SCH 30	SCH STD. †
1/8	0.405	—	0.049	—	—	—	0.068
1/4	0.540	—	0.650	—	—	—	0.088
3/8	0.675	—	0.065	—	—	—	0.091
1/2	0.840	0.065	0.083	—	—	—	0.109
3/4	1.050	0.065	0.083	—	—	—	0.113
1	1.315	0.065	0.109	—	—	—	0.133
1 1/4	1.660	0.065	0.109	—	—	—	0.140
1 1/2	1.900	0.065	0.109	—	—	—	0.145
2	2.375	0.065	0.109	—	—	—	0.540
2 1/2	2.875	0.083	0.120	—	—	—	0.203
3	3.500	0.083	0.120	—	—	—	0.216
3 1/2	4.000	0.083	0.120	—	—	—	0.226
4	4.500	0.083	0.120	—	—	—	0.237
5	5.563	0.109	0.134	—	—	—	0.258
6	6.625	0.109	0.134	—	—	—	0.280
8	8.625	0.109	0.148	—	0.250	0.277	0.322
10	10.750	0.134	0.165	—	0.250	0.307	0.365
12	12.750	0.156	0.180	—	0.250	0.330	0.375
14 O.D.	14.000	0.156	0.188	0.250	0.312	0.375	0.375
16 O.D.	16.000	0.165	0.188	0.250	0.312	0.375	0.375
18 O.D.	18.000	0.165	0.188	0.250	0.312	0.438	0.375
20 O.D.	20.000	0.188	0.218	0.250	0.375	0.500	0.375
22 O.D.	22.000	0.188	0.218	0.250	0.375	0.500	0.375
24 O.D.	24.000	0.218	—	0.250	0.375	0.562	0.375
26 O.D.	26.000	—	—	0.312	0.500	—	0.375
28 O.D.	28.000	—	—	0.312	0.500	0.625	0.375
30 O.D.	30.000	0.250	0.312	0.312	0.500	0.625	0.375
32 O.D.	32.000	—	—	0.312	0.500	0.625	0.375
34 O.D.	34.000	—	—	0.312	0.500	0.625	0.375
36 O.D.	36.000	—	—	0.312	0.500	0.625	0.375
42 O.D.	42.000	—	—	—	0.375	—	—

Note: Thicknesses shown in light face for Schedule 60 and heavier pipe are not currently supplied by the mills unless a certain minimum tonnage is ordered.

\*Schedule 5S and 10S are available in corrosion resistant material and Schedule 10S is available in carbon steel in sizes up to 12"

†Thickness shown in italics are available in stainless steel as Sch. 40S

‡Thickness shown in italics are available in stainless steel as Sch. 80S

NOMINAL WALL THICKNESS FOR								
SCH 40	SCH 60	EXTRA STRONG‡	SCH 80	SCH 100	SCH 120	SCH 140	SCH. 160	XX STRONG
0.068	–	0.095	0.095	–	–	–	–	–
0.088	–	0.119	0.119	–	–	–	–	–
0.091	–	0.126	0.126	–	–	–	–	–
0.109	–	0.147	0.147	–	–	–	0.188	0.294
0.113	–	0.154	0.154	–	–	–	0.219	0.308
0.133	–	0.179	0.179	–	–	–	0.250	0.358
0.140	–	0.191	0.191	–	–	–	0.250	0.382
0.145	–	0.200	0.200	–	–	–	0.281	0.400
0.540	–	0.218	0.218	–	–	–	0.344	0.436
0.203	–	0.276	0.276	–	–	–	0.375	0.552
0.216	–	0.300	0.300	–	–	–	0.438	0.600
0.226	–	0.318	0.318	–	–	–	–	–
0.237	–	0.337	0.337	–	0.438	–	0.531	0.674
0.258	–	0.375	0.375	–	0.500	–	0.625	0.750
0.280	–	0.432	0.432	–	0.562	–	0.719	0.864
0.322	0.406	0.500	0.500	0.594	0.719	0.812	0.906	0.875
0.365	0.500	0.500	0.594	0.719	0.844	1.000	1.125	1.000
0.406	0.562	0.500	0.688	0.844	1.000	1.125	1.312	1.000
0.438	0.594	0.500	0.750	0.938	1.094	1.250	1.406	–
0.500	0.656	0.500	0.844	1.031	1.219	1.438	1.594	–
0.562	0.750	0.500	0.938	1.156	1.375	1.562	1.781	–
0.594	0.812	0.500	1.031	1.281	1.500	1.750	1.969	–
–	0.875	0.500	1.125	1.375	1.625	1.875	2.125	–
0.688	0.969	0.500	1.218	1.531	1.812	2.062	2.344	–
–	–	0.500	–	–	–	–	–	–
–	–	0.500	–	–	–	–	–	–
–	–	0.500	–	–	–	–	–	–
0.688	–	0.500	–	–	–	–	–	–
0.688	–	0.500	–	–	–	–	–	–
0.750	–	0.500	–	–	–	–	–	–
–	–	0.500	–	–	–	–	–	–