Pipe Schedule Chart – Wall Thickness in Inches (NPS ⅛ to 48)

NPS (in)	OD (in)	5	5S	10	10S	20	30	40	40S	STD	60	80	80S	XS	100	120	140	160	XXS
⅛	0.405	–	–	0.049	0.049	–	0.057	0.068	0.068	0.068	–	0.095	0.095	0.095	–	–	–	–	–
¼	0.540	–	–	0.065	0.065	–	0.073	0.088	0.088	0.088	–	0.119	0.119	0.119	–	–	–	–	–
⅜	0.675	–	–	0.065	0.065	–	0.073	0.091	0.091	0.091	–	0.126	0.126	0.126	–	–	–	–	–
½	0.840	0.065	0.065	0.083	0.083	–	0.095	0.109	0.109	0.109	–	0.147	0.147	0.147	–	–	–	0.188	0.294
¾	1.050	0.065	0.065	0.083	0.083	–	0.095	0.113	0.113	0.113	–	0.154	0.154	0.154	–	–	–	0.219	0.308
1	1.315	0.065	0.065	0.109	0.109	–	0.114	0.133	0.133	0.133	–	0.179	0.179	0.179	–	–	–	0.250	0.358
1¼	1.660	0.065	0.065	0.109	0.109	–	0.117	0.140	0.140	0.140	–	0.191	0.191	0.191	–	–	–	0.250	0.382
1½	1.900	0.065	0.065	0.109	0.109	–	0.125	0.145	0.145	0.145	–	0.200	0.200	0.200	–	–	–	0.281	0.400
2	2.375	0.065	0.065	0.109	0.109	–	0.125	0.154	0.154	0.154	–	0.218	0.218	0.218	–	–	–	0.344	0.436
2½	2.875	0.083	0.083	0.120	0.120	–	0.188	0.203	0.203	0.203	–	0.276	0.276	0.276	–	–	–	0.375	0.552
3	3.500	0.083	0.083	0.120	0.120	–	0.188	0.216	0.216	0.216	–	0.300	0.300	0.300	–	–	–	0.438	0.600
3½	4.000	0.083	0.083	0.120	0.120	–	0.188	0.226	0.226	0.226	–	0.318	0.318	0.318	–	–	–	–	0.636
4	4.500	0.083	0.083	0.120	0.120	–	0.188	0.237	0.237	0.237	–	0.337	0.337	0.337	–	0.438	–	0.531	0.674
5	5.563	0.109	0.109	0.134	0.134	–	–	0.258	0.258	0.258	–	0.375	0.375	0.375	–	0.500	–	0.625	0.750
6	6.625	0.109	0.109	0.134	0.134	–	–	0.280	0.280	0.280	–	0.432	0.432	0.432	–	0.562	–	0.719	0.864
8	8.625	0.109	0.109	0.148	0.148	0.250	0.277	0.322	0.322	0.322	0.406	0.500	0.500	0.500	0.594	0.719	0.812	0.906	0.875
10	10.750	0.134	0.134	0.165	0.165	0.250	0.307	0.365	0.365	0.365	0.500	0.594	0.500	0.500	0.719	0.844	1.000	1.125	1.000
12	12.750	0.156	0.156	0.180	0.180	0.250	0.330	0.406	0.375	0.375	0.562	0.688	0.500	0.500	0.844	1.000	1.125	1.312	1.000
14	14.000	0.156	0.156	0.250	0.188	0.312	0.375	0.438	0.375	0.375	0.594	0.750	0.500	0.500	0.938	1.094	1.250	1.406	–
16	16.000	0.165	0.165	0.250	0.188	0.312	0.375	0.500	0.375	0.375	0.656	0.844	0.500	0.500	1.031	1.219	1.438	1.594	–
18	18.000	0.165	0.165	0.250	0.188	0.312	0.438	0.562	0.375	0.375	0.750	0.938	0.500	0.500	1.156	1.375	1.562	1.781	–
20	20.000	0.188	0.188	0.250	0.218	0.375	0.500	0.594	0.375	0.375	0.812	1.031	0.500	0.500	1.281	1.500	1.750	1.969	–
22	22.000	0.188	0.188	0.250	0.218	0.375	0.500	–	–	0.375	0.875	1.125	–	0.500	1.375	1.625	1.875	2.125	–
24	24.000	0.218	0.218	0.250	0.250	0.375	0.562	0.688	0.375	0.375	0.969	1.219	0.500	0.500	1.531	1.812	2.062	2.344	–
26	26.000	–	–	0.312	–	0.500	–	–	–	0.375	–	–	–	0.500	–	–	–	–	–
28	28.000	–	–	0.312	–	0.500	0.625	–	–	0.375	–	–	–	0.500	–	–	–	–	–
30	30.000	0.250	0.250	0.312	0.312	0.500	0.625	–	–	0.375	–	–	–	0.500	–	–	–	–	–
32	32.000	–	–	0.312	–	0.500	0.625	0.688	–	0.375	–	–	–	0.500	–	–	–	–	–
34	34.000	–	–	0.312	–	0.500	0.625	0.688	–	0.375	–	–	–	0.500	–	–	–	–	–
36	36.000	–	–	0.312	–	0.500	0.625	0.750	–	0.375	–	–	–	0.500	–	–	–	–	–
38	38.000	–	–	–	–	–	–	–	–	0.375	–	–	–	0.500	–	–	–	–	–
40	40.000	–	–	–	–	–	–	–	–	0.375	–	–	–	0.500	–	–	–	–	–
42	42.000	–	–	–	–	–	–	–	–	0.375	–	–	–	0.500	–	–	–	–	–
44	44.000	–	–	–	–	–	–	–	–	0.375	–	–	–	0.500	–	–	–	–	–
46	46.000	–	–	–	–	–	–	–	–	0.375	–	–	–	0.500	–	–	–	–	–
48	48.000	–	–	–	–	–	–	–	–	0.375	–	–	–	0.500	–	–	–	–	–

All values are nominal wall thickness in inches. Inside diameter = OD − 2 × wall. Sch 5 for carbon steel is a light-wall size used mainly with grooved/pressed systems; confirm availability with the mill. Source: Aienginear compilation per **ASME B36.10-2022** (welded & seamless wrought steel pipe) and **ASME B36.19M** (stainless steel pipe). – = no standard wall for that schedule. Verify against the edition named in your project specification.

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