Carbon Steel Pipe Schedule Chart (ASME B36.10M)

Basis: ASME B36.10M Welded and Seamless Wrought Steel Pipe (metric values). Outside diameter is fixed for each NPS; the schedule sets the wall.

instrumentationblog.in/downloads/engineering-reference-tables/carbon-steel-pipe-schedule-chart/

Wall thickness in mm by schedule

NPS	DN	OD mm	Sch 10	Sch 20	Sch 30	Sch 40	STD	Sch 60	Sch 80	XS	Sch 100	Sch 120	Sch 140	Sch 160	XXS
1/8	6	10.3	1.24		1.45	1.73	1.73		2.41	2.41					
1/4	8	13.7	1.65		1.85	2.24	2.24		3.02	3.02					
3/8	10	17.1	1.65		1.85	2.31	2.31		3.20	3.20					
1/2	15	21.3	2.11		2.41	2.77	2.77		3.73	3.73				4.78	7.47
3/4	20	26.7	2.11		2.41	2.87	2.87		3.91	3.91				5.56	7.82
1	25	33.4	2.77		2.90	3.38	3.38		4.55	4.55				6.35	9.09
1 1/4	32	42.2	2.77		2.97	3.56	3.56		4.85	4.85				6.35	9.70
1 1/2	40	48.3	2.77		3.18	3.68	3.68		5.08	5.08				7.14	10.15
2	50	60.3	2.77		3.18	3.91	3.91		5.54	5.54				8.74	11.07
2 1/2	65	73.0	3.05		4.78	5.16	5.16		7.01	7.01				9.53	14.02
3	80	88.9	3.05		4.78	5.49	5.49		7.62	7.62				11.13	15.24
3 1/2	90	101.6	3.05		4.78	5.74	5.74		8.08	8.08					
4	100	114.3	3.05		4.78	6.02	6.02		8.56	8.56		11.13		13.49	17.12
5	125	141.3	3.40			6.55	6.55		9.53	9.53		12.70		15.88	19.05
6	150	168.3	3.40			7.11	7.11		10.97	10.97		14.27		18.26	21.95
8	200	219.1	3.76	6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23
10	250	273.0	4.19	6.35	7.80	9.27	9.27	12.70	15.09	12.70	18.26	21.44	25.40	28.58	25.40
12	300	323.8	4.57	6.35	8.38	10.31	9.53	14.27	17.48	12.70	21.44	25.40	28.58	33.32	25.40
14	350	355.6	6.35	7.92	9.53	11.13	9.53	15.09	19.05	12.70	23.83	27.79	31.75	35.71	
16	400	406.4	6.35	7.92	9.53	12.70	9.53	16.66	21.44	12.70	26.19	30.96	36.53	40.49	
18	450	457.0	6.35	7.92	11.13	14.27	9.53	19.05	23.83	12.70	29.36	34.93	39.67	45.24	
20	500	508.0	6.35	9.53	12.70	15.09	9.53	20.62	26.19	12.70	32.54	38.10	44.45	50.01	
22	550	559.0	6.35	9.53	12.70		9.53	22.23	28.58	12.70	34.93	41.28	47.63	53.98	
24	600	610.0	6.35	9.53	14.27	17.48	9.53	24.61	30.96	12.70	38.89	46.02	52.37	59.54	

Notes

- Blank cells mean that schedule is not listed for that size.
- STD equals Sch 40 up to NPS 10 and XS equals Sch 80 up to NPS 8.

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