



DIMENSIONS & WEIGHT OF CARBON STEEL PIPES AS PER ASME B36.10M-2018

DN	NPS	OD (mm)	Sch. 5		Sch. 10		Sch. 20		Sch. 30		Sch. 40		Sch. STD		Sch. 60		Sch. 80		Sch. XS		Sch. 100		Sch. 120		Sch. 140		Sch. 160		Sch. XXS	
			THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr	THK. (mm)	Kg/Mtr
6	1/8	10.30	-	-	1.24	0.28	-	-	1.45	0.32	1.73	0.37	1.73	0.37	-	-	2.41	0.47	2.41	0.47	-	-	-	-	-	-	3.15	0.56	4.83	0.65
8	1/4	13.70	-	-	1.65	0.49	-	-	1.85	0.54	2.24	0.63	2.24	0.63	-	-	3.02	0.80	3.02	0.80	-	-	-	-	-	-	3.68	0.91	6.05	1.14
10	3/8	17.10	-	-	1.65	0.63	-	-	1.85	0.70	2.31	0.84	2.31	0.84	-	-	3.2	1.10	3.2	1.10	-	-	-	-	-	-	4.01	1.29	6.4	1.69
15	1/2	21.30	1.65	0.80	2.11	1.00	-	-	2.41	1.12	2.77	1.27	2.77	1.27	-	-	3.73	1.62	3.73	1.62	-	-	-	-	-	-	4.78	1.95	7.47	2.55
20	3/4	26.70	1.65	1.02	2.11	1.28	-	-	2.41	1.44	2.87	1.69	2.87	1.69	-	-	3.91	2.20	3.91	2.20	-	-	-	-	-	-	5.56	2.90	7.82	3.64
25	1	33.40	1.65	1.29	2.77	2.09	-	-	2.9	2.18	3.38	2.50	3.38	2.50	-	-	4.55	3.24	4.55	3.24	-	-	-	-	-	-	6.35	4.24	9.09	5.45
32	1-1/4	42.20	1.65	1.65	2.77	2.69	-	-	2.97	2.87	3.56	3.39	3.56	3.39	-	-	4.85	4.47	4.85	4.47	-	-	-	-	-	-	6.35	5.61	9.7	7.77
40	1-1/2	48.30	1.65	1.90	2.77	3.11	-	-	3.18	3.54	3.68	4.05	3.68	4.05	-	-	5.08	5.41	5.08	5.41	-	-	-	-	-	-	7.14	7.25	10.15	9.55
50	2	60.30	1.65	2.39	2.77	3.93	-	-	3.18	4.48	3.91	5.44	3.91	5.44	-	-	5.54	7.48	5.54	7.48	-	-	-	-	-	-	8.74	11.11	11.07	13.44
65	2-1/2	73.00	2.11	3.69	3.05	5.26	-	-	4.78	8.04	5.16	8.63	5.16	8.63	-	-	7.01	11.41	7.01	11.41	-	-	-	-	-	-	9.53	14.92	14.02	20.39
80	3	88.90	2.11	4.52	3.05	6.46	-	-	4.78	9.92	5.49	11.29	5.49	11.29	-	-	7.62	15.27	7.62	15.27	-	-	-	-	-	-	11.13	21.35	15.24	27.68
90	3-1/2	101.60	2.11	5.18	3.05	7.41	-	-	4.78	11.41	5.74	13.57	5.74	13.57	-	-	8.08	18.63	8.08	18.63	-	-	-	-	-	-	-	-	-	-
100	4	114.30	2.11	5.84	3.05	8.37	-	-	4.78	12.91	6.02	16.07	6.02	16.07	-	-	8.56	22.32	8.56	22.32	-	-	11.13	28.32	-	-	13.49	33.54	17.12	41.03
125	5	141.30	2.77	9.46	3.4	11.56	-	-	-	-	6.55	21.77	6.55	21.77	-	-	9.53	30.97	9.53	30.97	-	-	12.7	40.28	-	-	15.88	49.11	19.05	57.43
150	6	168.30	2.77	11.31	3.4	13.83	-	-	-	-	7.11	28.26	7.11	28.26	-	-	10.97	42.56	10.97	42.56	-	-	14.27	54.20	-	-	18.26	67.56	21.95	79.22
200	8	219.10	2.77	14.78	3.76	19.97	6.35	33.31	7.04	36.81	8.18	42.55	8.18	42.55	10.31	53.08	12.7	64.64	12.7	64.64	15.09	75.92	18.26	90.44	20.62	100.92	23.01	111.27	22.23	107.92
250	10	273.00	3.4	22.60	4.19	27.77	6.35	41.75	7.8	51.01	9.27	60.29	9.27	60.29	12.7	81.52	15.09	95.97	12.7	81.52	18.26	114.71	21.44	133.00	25.4	155.09	28.58	172.26	25.4	155.09
300	12	323.80	3.96	31.23	4.57	35.98	6.35	49.71	8.38	65.18	10.31	79.70	9.53	73.86	14.27	108.92	17.48	132.04	12.7	97.43	21.44	159.86	25.4	186.91	28.58	208.07	33.32	238.68	25.4	186.91
350	14	355.60	3.96	34.34	6.35	54.69	7.92	67.90	9.53	81.33	11.13	94.55	9.53	81.33	15.09	126.71	19.05	158.10	12.7	107.39	23.83	194.96	27.79	224.65	31.75	253.56	35.71	281.70	-	-
400	16	406.40	4.19	41.56	6.35	62.64	7.92	77.83	9.53	93.27	12.7	123.30	9.53	93.27	16.66	160.12	21.44	203.53	12.7	123.30	26.19	245.56	30.96	286.64	36.53	333.19	40.49	365.36	-	-
450	18	457.00	4.19	46.79	6.35	70.57	7.92	87.71	11.13	122.38	14.27	155.80	9.53	105.16	19.05	205.74	23.83	254.55	12.7	139.15	29.36	309.62	34.93	363.56	39.67	408.26	45.24	459.37	-	-
500	20	508.00	4.78	59.32	6.35	78.55	9.53	117.15	12.7	155.12	15.09	183.42	9.53	117.15	20.62	247.83	26.19	311.17	12.7	155.12	32.54	381.53	38.1	441.49	44.45	508.11	50.01	564.81	-	-
550	22	559.00	4.78	65.33	6.35	86.54	9.53	129.13	12.7	171.09	-	-	9.53	129.13	22.23	294.25	28.58	373.83	12.7	171.09	34.93	451.42	41.28	527.02	47.63	600.63	53.98	672.26	-	-
600	24	610.00	5.54	82.58	6.35	94.53	9.53	141.12	14.27	209.64	17.48	255.41	9.53	141.12	24.61	355.26	30.96	442.08	12.7	187.06	38.89	547.71	46.02	640.03	52.37	720.15	59.54	808.22	-	-
650	26	660.40	-	-	7.92	127.43	12.7	202.85	-	-	-	-	9.53	152.96	10.31	165.28	-	-	12.7	202.85	14.27	227.37	-	-	-	-	-	-	-	-
700	28	711.20	-	-	7.92	137.36	12.7	218.76	15.88	272.29	-	-	9.53	164.90	-	-	-	-	12.7	218.76	-	-	-	-	-	-	-	-	-	-
750	30	762.00	6.35	118.33	7.92	147.28	12.7	234.67	15.88	292.18	-	-	9.53	176.84	-	-	-	-	12.7	234.67	-	-	-	-	-	-	-	-	-	-
800	32	812.80	-	-	7.92	157.20	12.7	250.58	15.88	312.07	17.48	342.83	9.53	188.78	-	-	-	-	12.7	250.58	-	-	-	-	-	-	-	-	-	-
850	34	863.60	-	-	7.92	167.12	12.7	266.49	15.88	331.97	17.48	364.73	9.53	200.71	-	-	-	-	12.7	266.49	-	-	-	-	-	-	-	-	-	-
900	36	914.40	-	-	7.92	177.042	12.7	282.40	15.88	351.86	19.05	420.61	9.53	212.65	-	-	-	-	12.7	282.40	-	-	-	-	-	-	-	-	-	-

NOTES:

1) Weights (masses) are given in kilograms per meter and are for carbon steel pipe with plain ends

2) The different grades of stainless steel permit considerable variations in weight (mass). The ferritic stainless steels may be about 5% less, and the austenitic stainless steels about 2% greater, than the values shown in this Table, which are based on weights (masses) for carbon steel.