STEEL GEMS | QUALITY YOU CAN TRUST

Pipe Size & Weight Reference

MS / Carbon Steel: SCH 40 and SCH 80

NB / DN	NPS inch	OD mm	40 wall mm	40 kg/m	80 wall mm	80 kg/m
15	1/2	21.3	2.77	1.27	3.73	1.62
20	3/4	26.7	2.87	1.69	3.91	2.20
25	1	33.4	3.38	2.50	4.55	3.24
32	1 1/4	42.2	3.56	3.39	4.85	4.47
40	1 1/2	48.3	3.68	4.05	5.08	5.41
50	2	60.3	3.91	5.44	5.54	7.48
65	2 1/2	73.0	5.16	8.63	7.01	11.41
80	3	88.9	5.49	11.29	7.62	15.27
90	3 1/2	101.6	5.74	13.57	8.08	18.64
100	4	114.3	6.02	16.08	8.56	22.32
125	5	141.3	6.55	21.77	9.53	30.97
150	6	168.3	7.11	28.26	10.97	42.56
200	8	219.1	8.18	42.55	12.70	64.64
250	10	273.1	9.27	60.31	15.09	96.02
300	12	323.9	10.31	79.73	17.48	132.09

Weight kg/m = pi x (OD - wall) x wall x density / 1,000,000; OD and wall in mm.

Theoretical plain-end weights; density 7,850 kg/m3 for carbon steel. Excludes coatings and attachments.

Reference dimensions: Atlas Steels Tech Note 12 (April 2021); common carbon sizes cross-checked with Wheatland Tube.

Verify latest applicable standards and approved design before ordering. Actual dimensions and weight may vary.

Pipe Size & Weight Reference

SS304 / 304L: SCH 10S and SCH 40S

NB / DN	NPS inch	OD mm	10S wall mm	10S kg/m	40S wall mm	40S kg/m
15	1/2	21.3	2.11	1.01	2.77	1.28
20	3/4	26.7	2.11	1.29	2.87	1.70
25	1	33.4	2.77	2.11	3.38	2.53
32	1 1/4	42.2	2.77	2.72	3.56	3.43
40	1 1/2	48.3	2.77	3.14	3.68	4.09
50	2	60.3	2.77	3.97	3.91	5.49
65	2 1/2	73.0	3.05	5.32	5.16	8.72
80	3	88.9	3.05	6.52	5.49	11.41
90	3 1/2	101.6	3.05	7.49	5.74	13.71
100	4	114.3	3.05	8.45	6.02	16.24
125	5	141.3	3.40	11.68	6.55	21.99
150	6	168.3	3.40	13.97	7.11	28.55
200	8	219.1	3.76	20.17	8.18	42.98
250	10	273.1	4.19	28.07	9.27	60.93
300	12	323.9	4.57	36.36	9.53	74.64

Weight kg/m = pi x (OD - wall) x wall x density / 1,000,000; OD and wall in mm.

Theoretical plain-end weights; density 7,930 kg/m3 for SS304/304L. Excludes coatings and attachments.

Reference dimensions: Atlas Steels Tech Note 12 (April 2021); common carbon sizes cross-checked with Wheatland Tube.

Verify latest applicable standards and approved design before ordering. Actual dimensions and weight may vary.