

SPECIFICATIONS

High-Strength Carbon Steel Pipes. Complies to ASTM A53 & UL listed for Pressure and structural applications. Suitable for Water, Oil, Steam and Fire Suppression System. Threaded or Plain End options available. Seamless Pipe ASTM A106 / ASTM A53.

MATERIAL & CONSTRUCTION DESCRIPTION

Premium Grade Black Steel. ASTM A53. Grade B. A106 Wall Thickness Sch 40,
 Certification: UL Listed (Sch 40).
 Complies: International codes, NFPA Standards.
 ASTM A53: Pipe, Steel, Black and Hot-Dipped Zinc Coated Galvanized.
 Applications: Fire Suppression, HVAC,
 Water Transport, Structural piping.
 Seamless Carbon Steel Pipe for High-Temperature Service.



DN	NOMINAL SIZE	OUTSIDE DIAMETER	SCH40	NOMINAL WEIGHT (MASS) PER UNIT LENGTH, PLAIN END	TEST PRESSURE, PSI (KPA)
	(INCH)	(MM)	(MM)	(KG/M)	(GRADE B)
6	1/8	10.3	1.73	0.37	700[4800]
8	1/4	13.7	2.24	0.63	700[4800]
10	3/8	17.1	2.31	0.84	700[4800]
15	1/2	21.3	2.77	1.27	700[4800]
20	3/4	26.7	2.87	1.69	700[4800]
25	1	33.4	3.38	2.5	700[4800]
32	1 1/4	42.2	3.56	3.39	1300[9000]
40	1 1/2	48.3	3.68	4.05	1300[9000]
50	2	60.3	3.91	5.44	2500[17200]
65	2 1/2	73	5.16	8.63	2500[17200]
80	3	88.9	5.49	14.29	2500[17200]
100	4	114.3	6.02	16.07	2210[15200]
125	5	141.3	6.55	21.77	1950[13400]
150	6	168.3	7.11	28.26	1780[12300]
200	8	219.1	8.18	42.55	1570[10800]
250	10	273	9.27	60.29	1430[9900]
300	12	323.8	10.31	79.7	1340[9200]



SEAMLESS PIPE ASTM A106/ASTM A53

Interface form: Grooved end, welded.

SURFACE

Black & Hot Dip Galvanized.

DN	NOMINAL SIZE	OUTSIDE DIAMETER	SCH80	NOMINAL WEIGHT (MASS) PER UNIT LENGTH, PLAIN END	TEST PRESSURE, PSI (KPA)
	(INCH)	(MM)	(MM)	(KG/M)	(GRADE B)
6	1/8	10.3	2.41	0.47	850[5900]
8	1/4	13.7	3.02	0.8	850[5900]
10	3/8	17.1	3.2	1.1	850[5900]
15	1/2	21.3	3.73	1.62	850[5900]
20	3/4	26.7	3.91	2.2	850[5900]
25	1	33.4	4.55	3.24	850[5900]
32	1 1/4	42.2	4.85	4.47	1900[13100]
40	1 1/2	48.3	5.08	5.41	1900[13100]
50	2	60.3	5.54	7.48	2500[17200]
65	2 1/2	73	7.01	11.41	2500[17200]
80	3	88.9	7.62	15.27	2500[17200]
100	4	114.3	8.56	22.32	2800[19300]
125	5	141.3	9.52	30.94	2800[19300]
150	6	168.3	10.97	42.56	2740[18900]
200	8	219.1	12.7	64.64	2430[16800]
250	10	273	15.09	95.97	2320[16000]
300	12	323.8	17.48	132.04	2270[15700]

DN	NOMINAL SIZE	OUTSIDE DIAMETER	SCH160	NOMINAL WEIGHT (MASS) PER UNIT LENGTH, PLAIN END	TEST PRESSURE, PSI (KPA)
	(INCH)	(MM)	(MM)	(KG/M)	(GRADE B)
6	1/8	10.3			
8	1/4	13.7			
10	3/8	17.1			
15	1/2	21.3	4.78	1.95	900[6200]
20	3/4	26.7	5.56	2.9	950[6500]
25	1	33.4	6.35	4.24	950[6500]
32	1 1/4	42.2	6.35	5.61	2000[13800]
40	1 1/2	48.3	7.14	7.25	2050[14100]
50	2	60.3	8.74	13.44	2500[17200]
65	2 1/2	73	9.52	14.9	2500[17200]
80	3	88.9	11.13	21.35	2500[17200]
100	4	114.3	13.49	33.54	2800[19300]
125	5	141.3	15.88	49.11	2800[19300]
150	6	168.3	18.26	67.56	2800[19300]
200	8	219.1	23.01	111.27	2800[19300]
250	10	273	28.57	172.21	2800[19300]
300	12	323.8	33.32	238.63	2800[19300]

Note: SCH 80 and 160 (in upcoming pipes product range).