



AMERICAN STANDARD SPECIFICATION FOR PLAIN STEEL TUBES (EXTRACTS FROM ASTM A53)

Nominal Bore (NB)	Outside Diameter (OD)		Wall Thickness			Weight			Test Pressure			
									Grade A		Grade B	
inch	inch	mm	inch	mm	Sch No.	lb/foot	Kg/m	kg/ft	psi	kg/cm2	psi	kg/cm2
0.50"	0.840	21.3	0.109	2.77	40(STD)	0.85	1.26	0.39	700	49	700	49
			0.147	3.73	80(XS)	1.09	1.62	0.49	850	60	850	60
0.75"	1.050	26.7	0.113	2.87	40(STD)	1.13	1.68	0.51	700	49	700	49
			0.154	3.91	80(XS)	1.47	2.19	0.67	850	60	850	60
1.00"	1.315	33.4	0.133	3.38	40(STD)	1.68	2.50	0.76	700	49	700	49
			0.179	4.45	80(XS)	2.17	3.23	0.99	850	60	850	60
1.25"	1.660	42.2	0.140	3.56	40(STD)	2.72	3.38	1.03	1200	84	1300	91
			0.191	4.85	80(XS)	3.00	4.46	1.36	1800	127	1900	134
1.50"	1.900	48.3	0.145	3.68	40(STD)	2.72	4.05	1.23	1200	84	1300	91
			0.200	5.08	80(XS)	3.63	5.4	1.65	1800	127	1900	134
2.00"	2.375	60.3	0.154	3.91	40(STD)	3.65	5.43	1.66	2300	162	2500	176
			0.218	5.54	80(XS)	5.02	7.47	1.28	2500	176	2500	176
2.50"	2.875	73.0	0.203	5.16	40(STD)	5.79	8.62	2.63	2500	176	2500	176
			0.276	7.01	80(XS)	7.66	11.4	3.48	2500	176	2500	176
3.00"	3.500	88.9	0.125	3.18		4.51	6.71	2.05	1290	91	1500	105
			0.156	3.96		5.57	8.29	2.53	1600	112	1870	131
			0.188	4.78		6.65	9.9	3.02	1930	136	2260	159
			0.216	5.49	40(STD)	7.58	11.28	3.44	2220	156	2500	176
			0.250	6.35		8.68	12.92	3.94	2500	176	2500	176
			0.281	7.14		9.66	14.38	4.38	2500	176	2500	176
			0.300	7.62	80(XS)	10.25	15.25	4.65	2500	176	2500	176
3.50"	4.000	101.6	0.125	3.18		5.17	7.69	2.35	1120	79	1310	92
			0.156	3.96		6.40	9.52	2.90	1400	98	1640	115
			0.188	4.78		7.65	11.38	3.47	1690	119	1970	139
			0.226	5.74	40(STD)	9.11	13.56	4.13	2030	143	2370	167
			0.250	6.35		10.01	14.9	4.54	2250	158	2500	176
			0.281	7.14		11.16	16.61	5.06	2500	176	2500	176
			0.318	8.08	80(XS)	12.51	18.62	5.67	2800	197	2800	197
4.00"	4.500	114.3	0.125	3.18		5.84	8.69	2.65	1000	70	1170	82
			0.156	3.96		7.24	10.77	3.28	1250	88	1460	103
			0.188	4.78		8.66	12.89	3.93	1500	105	1750	123
			0.219	5.56		10.01	14.9	4.54	1750	123	2040	143
			0.237	6.02	40(STD)	10.79	16.06	4.89	1900	134	2210	155
			0.250	6.35		11.35	16.89	5.15	2000	141	2330	164
			0.281	7.14		12.66	18.84	5.74	2250	158	2620	184
			0.312	7.92		13.98	20.8	6.34	2500	176	2800	197
5.00"	5.563	141.3	0.156	3.96		9.01	13.41	4.09	1010	71	1180	83
			0.188	4.78		10.79	16.06	4.89	1220	86	1420	100
			0.219	5.56		12.50	18.6	5.67	1420	100	1650	116
			0.258	6.55	40(STD)	14.62	21.76	6.63	1670	117	1950	137
			0.281	7.14		15.85	23.59	7.19	1820	128	2120	149
			0.312	7.92		17.50	26.04	7.94	2020	142	2360	166
			0.344	8.74		19.17	28.53	8.70	2230	157	2600	183
			0.375	9.53	80(XS)	20.78	30.92	9.43	2430	171	2800	197

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									Grade A		Grade B	
inch	inch	mm	inch	mm	Sch No.	lb/foot	Kg/m	kg/ft	psi	kg/cm2	psi	kg/cm2
6.00"	6.625	168.3	0.188	4.78		12.92	19.23	5.86	1020	72	1190	84
			0.219	5.56		14.98	22.29	6.79	1190	84	1390	98
			0.250	6.35		17.02	25.33	7.72	1360	96	1580	111
			0.280	7.11	40(STD)	18.97	28.23	8.60	1520	107	1780	125
			0.312	7.92		21.04	31.31	9.54	1700	120	1980	139
			0.344	8.74		23.08	34.35	10.47	1870	131	2180	153
			0.375	9.53		25.03	37.25	11.35	2040	143	2380	167
			0.432	10.97	80(XS)	28.57	42.52	12.96	2350	165	2740	193
8.00"	8.625	219.1	0.188	4.78		16.94	25.21	7.68	780	55	920	65
			0.203	5.16		18.26	27.17	8.28	850	60	1000	70
			0.219	5.57		19.66	29.26	8.92	910	64	1070	75
			0.250	6.35	20	22.36	33.28	10.14	1040	73	1220	86
			0.277	7.04	30	24.70	36.76	11.20	1160	82	1350	95
			0.312	7.92		27.70	41.22	12.56	1300	91	1520	107
			0.322	8.18	40(STD)	28.55	42.49	12.95	1340	94	1570	110
			0.344	8.74		30.42	45.27	13.80	1440	101	1680	118

Note:

- 1 Pipes in these series are supplied in any length from 20 ft to 40 ft on request.
- 2 Hydrostatic Pressure Test according to specification - A53 Grade A. Schedule 40.
- 3 5%
- 4 Pipe is supplied plain - ends only. Square cut or bevelled. Bevelled from 1 1/4" to 6"
- 5 Pipes will be supplied both in Black and Galvanised.

FOR MORE DETAILS PLEASE CONTACT US AT :-

Bihar Tubes Limited
Address : 37, Hargovind Enclave, Vikas Marg
New Delhi - 110 092 (India)
Tel. No. : +(91)-(11)-22378876 / 22373437 /
22377437 / 22376637 / 22379437
Fax : +(91)-(11)-22373537
Email : bttd@nda.vsnl.net.in

