



DIMENSIONS, NOMINAL WEIGHTS, AND TEST PRESSURES FOR LIGHT WALL STEEL PIPE (A 135)

Dimensions, Nominal Weights, and Test Pressures for Light Wall Steel Pipe

NPS	Outside Diameter in(mm)	Schedule 10		Test Pressure, psi (Mpa) ^A	
		Specified Wall Thickness ^A in(mm)	Weight (Mass) per Unit Length lb/ft (kg/m)	Grade A	Grade B
¾	1.050(26.7)	0.083 (2.11)	0.86 (1.28)	2500 (17.24)	2500 (17.24)
1	1.315 (33.4)	0.109 (2.77)	1.41 (2.09)	2500 (17.24)	2500 (17.24)
1 ¼	1.660 (42.2)	0.109 (2.77)	1.81 (2.69)	2400 (16.55)	2500 (17.24)
1 ½	1.900 (48.3)	0.109 (2.77)	2.09 (3.11)	2100 (14.48)	2400 (16.55)
2	2.375 (60.3)	0.109(2.77)	2.64 (3.93)	1700 (11.72)	1900 (13.10)
2 ½	2.875 (73.0)	0.120 (3.05)	3.53 (5.26)	1500 (10.34)	1700 (11.72)
3	3.500 (88.9)	0.120 (3.05)	4.34 (6.46)	1200 (8.27)	1400 (9.65)
3 ½	4.000 (101.6)	0.120 (3.05)	4.98 (7.41)	1000 (6.89)	1200 (8.27)
4	4.500 (114.3)	0.120 (3.06)	5.62 (8.37)	900 (6.21)	1100 (7.58)
5	5.563 (141.3)	0.134 (3.40)	7.78 (11.58)	850 (5.86)	1000 (6.89)

^A The test pressures are calculated by the following equation (but need not exceed 2500 psi or 17.24 Mpa)

$$P = 2St/D$$

Where:

P = pressure, psi (Mpa)

S = fiber stress 60% of the specified minimum yield strength, psi (Mpa)

t = specified wall thickness, in (mm), and

D = specified outside diameter in (mm)

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 : bt ltd@nda.vsnl.net.in



Govt. of India
Recognized Export House
An ISO 9001:2000 Registered Firm