

STEEL TUBES FOR WATER WELLS (CASING PIPES) CONFORMING TO IS 4270 : 2001

N B of Pipe	Outside Diameter	Thickness	Nominal Weight Black Tubes Plain End	
			kg/m	m/ton
100	114.3	5.0	13.48	74
125	141.3	5.0	16.80	60
150	168.3	5.0	20.13	50
175	193.7	5.4	25.10	40
200	219.1	5.4	28.46	35
250	273.1	7.1	46.57	21
300	323.9	7.1	55.47	18
350	355.6	8.0	68.57	15
		10.0	85.22	12
400	406.4	8.0	78.60	13
		10.0	97.75	10

A. Physical Properties:

Grade	YS (Min) MPa (Kg / mm ²)	TS (Min) MPa (Kg / mm ²)	% Elongation (Min)
Fe 410	235	410	15
Fe 450	275	450	13

B. Tolerance:

1. Outside Diameter : $\pm 1\%$
2. Thickness Welded Tube Upto : $+ 15\%$
 And including 406.4 MM : $- 12.5\%$
 Over 406.4 MM outside Diameter : $+ 15\%$
 Diameter : $- 10\%$
3. Weight : $- 8\%$
 Single Tube : $+ 10\%$