



Steel Tubes for Water Wells (Casing Pipes) Conforming to IS : 4270 - 2001

Physical Properties

Grade	Y.S. (min)		
MPa (kg/mm ²)	T.S. (min)		
MPa (kg/mm ²)	% age		
Elongation			
Fe 410	235	410	15
Fe 450	275	450	13

Tolerance

i)	Outside diameter of pipe	± 1.0%
ii)	Thickness upto 406.4 mm OD	+ 15% - 12.5%
iii)	Weight Single Tube	+10% -8%
iv)	Length Unless otherwise Specified 4 to 7 mtrs	

Tolerance

N.B. And Series	Outside diameter	Thickness	Nominal weight Black Tubes Plain End	
	mm	mm	kg/m	m/tonne
100	114.3	5.4	14.5	69
125	141.3	5.4 7.1	18.1 23.5	55 43
150	168.3	5.4 7.1	21.6 28.2	46 35
175	193.7	6.4 8.0	29.6 36.6	34 27
200	219.1	6.4 8.0	33.6 41.6	30 24
225	244.5	7.1 9.0	41.6 52.3	24 19
250	273.1	8.0 10.0	52.3 64.9	19 15
300	323.9	8.0 10.0	62.3 77.4	16 13

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An ISO 9001:2000 Registered Firm

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