



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

A. PHYSICAL PROPERTIES

Grade	Y.S. (min)	T.S. (min)	% age Elongation
	MPa (kg/mm ²)	MPa (kg/mm ²)	
Fe410	235	410	15
Fe450	275	450	13

B. TOLERANCES

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

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

FOR MORE DETAILS PLEASE CONTACT US AT :-

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