



CARBON STEEL TUBES & PIPES

ERW STEEL TUBES FOR IDLERS FOR BELT CONVEYORS AS PER IS : 9295-1983 DIMENSIONS AND NOMINAL MASSES

OUTSIDE DIAMETER-MM	THICKNESS MM	MASS KG./MTRS.	METERS TONNE
63.50	3.65	5.39	186
	4.05	5.94	168
	4.50	6.55	153
	4.85	7.01	143
	5.40	7.74	129
76.10	3.65	6.52	153
	4.05	7.20	139
	4.50	7.95	126
	4.85	8.52	117
	5.40	9.42	106
88.90	3.65	10.84	92
	4.05	8.47	118
	4.50	9.37	107
	4.85	10.05	99
	5.40	11.12	90
101.60	6.30	12.83	78
	4.05	9.74	103
	4.50	10.78	93
	4.85	11.57	86
	5.40	12.81	78
114.30	6.30	14.81	68
	4.50	12.19	82
	4.85	13.09	76
127.0	5.40	14.50	69
	4.50	13.59	74
	4.85	14.61	68
139.70	5.40	16.19	62
	6.30	18.75	53
	4.50	15.00	67
	4.85	16.13	62
152.40	5.40	17.89	56
	6.30	20.73	48
	4.50	16.41	61
	4.85	17.65	57
159.00	5.40	19.58	51
	6.30	22.70	44
	4.50	17.15	58
	4.85	18.44	54
165.10	5.40	20.46	49
	6.30	23.72	42
	4.50	17.82	56
	4.85	19.17	52
168.30	5.40	21.27	47
	6.30	24.67	41
	4.50	18.18	55
	4.85	19.55	51
193.70	5.40	21.69	46
	6.30	25.17	40
	5.40	25.08	40
219.10	6.30	29.12	34
	5.40	28.46	35
	6.30	33.06	40

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

N.B & Series	Outside diameter mm	Thickness mm	Normal weight Black Tubes Plain End.	
			kg/m	m/tonne
100	114.30	5.00	13.48	74.20
125	141.30	5.00	16.81	59.50
150	168.30	5.00	20.14	49.66
175	193.70	5.40	25.08	39.88
200	219.10	5.40	28.46	35.14
225	244.50	6.00	35.29	28.34
250	273.10	7.10	46.58	21.47
300	323.90	7.10	55.47	18.03

A. PHYSICAL PROPERTIES

Grade	Y.S (min) Mpa	T.S (min) Mpa	%age Elognation (Min)
Fe 410	235	410	15
Fe 450	275	450	13

B. TOLERANCES

- i) Outside diameter of pipe $\pm 1\%$
- 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.
On request up to 12 mtrs.

Tolerance on Outside Diameter $\pm 0.8\%$

Ovality below 168.3mm : 0.5mm

Ovality including 168.3mm and above : 1.0mm

Tolerance on weight Kg/Mtr : Single Tube : $\pm 10\%$

For Truck Load of 10 Tonnes : $\pm 7.5\%$

Tolerance on Thickness : $\pm 10\%$

