

ERW Steel Tubes for idlers for Belt Conveyors as per IS : 9295 -1983

Dimensions and Nominal Masses

Outside Diameter	Thikness	Mass	Meters
MM	MM	Kg./Mtr.	Tonne
63.5	3.65	5.39	186
	4.05	5.94	168
	4.5	6.55	153
	4.85	7.01	143
	5.4	7.74	129
	6.3	8.89	112
76.1	3.65	6.52	153
	4.05	7.2	139
	4.5	7.95	126
	4.85	8.52	117
	5.4	9.42	106
	6.3	10.84	92
88.9	4.05	8.74	118
	4.5	9.37	107
	4.85	10.05	99
	5.4	11.12	90
	6.3	12.83	78
101.6	4.05	9.74	103
	4.5	10.78	93
	4.85	11.57	86
	5.4	12.81	78
	6.3	14.81	68
114.3	4.5	12.19	82
	4.85	13.09	76
	5.4	14.5	69
127	4.5	13.59	74
	4.85	14.61	68
	5.4	16.19	62
	6.3	18.75	53
139.7	4.5	15	67
	4.85	16.13	62
	5.4	17.89	56
	6.3	20.73	48
152.4	4.5	16.41	61
	4.85	17.65	57
	5.4	19.58	51
	6.3	22.7	44
159	4.5	17.15	58
	4.85	18.44	54
	5.4	20.46	49
	6.3	23.72	42

165.1	4.5	17.82	56
	4.85	19.17	52
	5.4	21.27	47
	6.3	24.67	41
168.3	4.5	18.18	55
	4.85	19.55	51
	5.4	21.69	46
	6.3	25.17	40
193.7	5.4	25.08	40
	6.3	29.12	34
219.1	5.4	28.46	35
	6.3	33.06	40

Outside Diameter $\pm 0.8\%$

Ovality below 168.3mm : 0.5mm

Ovality including 168.3mm & above : 1.0mm

Weight Kg/Mtr : Single Tube : $\pm 10\%$

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

Thikness : $\pm 10\%$

Grade : ERW Grade YST 210 & YST 240