

DIMENSIONS AND WEIGHT OF M.S. E.R.W. BLACK & GALVANIZED TUBES/PIPES AS PER IS: 1239 (PART-1) 1990 EQUIVALENT TO BS: 1387-1987

SIZE N.B And Class	Outside Diameter		Wall Thickness		Nominal Weight			
	Max.	Min.			Kg. Per Meter		Meters Per Tonne	
M.M	M.M	M.M	M.M	SWG	Plain End	Screwed & Socketed	Plain End	Screwed & Socketed
15 L	21.4	21.0	2.00	14	0.947	0.956	1056	1046
M	21.8	21.0	2.60	12	1.21	1.22	826	820
H	21.8	21.0	3.20	10	1.44	1.45	694	690
20 L	26.9	26.4	2.30	13	1.38	1.39	725	719
M	27.3	26.5	2.60	12	1.56	1.57	641	637
H	27.3	26.5	3.20	10	1.87	1.88	535	532
25 L	33.8	33.2	2.60	12	1.98	2.00	505	500
M	34.2	33.3	3.20	10	2.41	2.43	415	412
H	34.2	33.3	4.00	8	2.93	2.95	341	339
32 L	42.5	41.9	2.60	12	2.54	2.57	394	389
M	42.9	42.0	3.20	10	3.10	3.13	323	319
H	42.9	42.0	4.00	8	3.79	3.82	264	262
40 L	48.4	47.8	2.90	11	3.23	3.27	310	306
M	48.8	47.9	3.20	10	3.56	3.60	281	278
H	48.8	47.9	4.00	8	4.37	4.41	229	227
50 L	60.2	59.6	2.90	11	4.08	4.15	245	241
M	60.8	59.7	3.60	9	5.03	5.10	199	196
H	60.8	59.7	4.50	7	6.19	6.26	162	160
65 L	76.0	75.2	3.20	10	5.71	5.83	175	172
M	76.6	75.3	3.60	9	6.42	6.54	156	153
H	76.6	75.3	4.50	7	7.93	8.05	126	124
80 L	88.7	87.9	3.20	10	6.72	6.89	149	145
M	89.5	88.0	4.00	8	8.36	8.53	120	117
H	89.5	88.0	4.80	6	9.90	10.10	101	99
100 L	113.9	113.0	3.60	9	9.75	10.00	103	100
M	115.0	113.1	4.50	7	12.20	12.50	82	80
H	115.0	113.1	5.40	5	14.50	14.80	69	68
125 M	140.8	138.5	4.80	6	15.90	16.40	63	61
H	140.8	138.5	5.40	5	17.90	18.40	56	54
150 M	166.5	163.9	4.80	6	18.90	19.40	53	51
H	166.5	163.9	5.40	5	21.30	21.90	47	46

"A" Thickness	"B" Weight	"C" Length	Tolerances
<p>1) Light Tubes + Not Limited - 8%</p> <p>2) Medium & Heavy Tubes + Not Limited - 10%</p>	<p>1) Light Tubes(Single Tube) +10% -8%</p> <p>2) Medium & Heavy Tubes (Single Tube) +10% -10%</p> <p>3) For quantities minimum load of 10 tonnes (Light Tubes) +5% -5%</p> <p>4) For quantities minimum load of 10 tonnes (Medium & Heavy Tubes) +7.5% -7.5%</p>	<p>Unless otherwise specified 4 to 7 meters</p>	<p>(A) Outside Diameter Upto & Including 48.3 mm +0.4 mm -0.8 mm ±1%</p> <p>Over 48.3 mm</p> <p>(B) Thickness + Not Limited -10%</p> <p>(C) Weight - Single tube +10% -8%</p> <p>-For quantities less than 150 mtrs. of one size For quantities 150 mts & over of one size +10% -8% ±4%</p>