

ERW STEEL TUBES (BLACK & GALVANIZED) CONFORMING TO IS:1239(Pt-1) / BS:1387 & STRUCTURAL TUBES CONFORMING TO IS:1161

DIMENSIONS AND WEIGHT																	
Series		Light						Medium					Heavy				
Nominal Bore		OD	Outside Dia.		Wall	Weight		Outside Dia.		Wall	Weight		Outside Dia.		Wall	Weight	
Inch	mm		Min	Max	Thickness	P/E	S/S	Min	Max	Thickness	P/E	S/S	Min	Max	Thickness	P/E	S/S
		(mm)	(mm)	(mm)	kg/m	kg/m	(mm)	(mm)	(mm)	kg/m	kg/m	(mm)	(mm)	(mm)	kg/m	kg/m	
1/2	15	21.3	21.0	21.4	2.0	0.947	0.956	21.0	21.8	2.6	1.21	1.22	21.0	21.8	3.2	1.44	1.45
3/4	20	26.9	26.4	26.9	2.3	1.38	1.39	26.5	27.3	2.6	1.56	1.57	26.5	27.3	3.2	1.87	1.88
1	25	33.7	33.2	33.8	2.6	1.98	2.00	33.3	34.2	3.2	2.4	2.4	33.3	34.2	4.0	2.9	2.95
1 1/4	32	42.2	41.9	42.5	2.6	2.54	2.57	42.0	42.9	3.2	3.1	3.1	42.0	42.9	4.0	3.8	3.82
1 1/2	40	48.3	47.8	48.4	2.9	3.23	3.27	47.9	48.8	3.2	3.6	3.6	47.9	48.8	4.0	4.4	4.41
2	50	60.3	59.6	60.2	2.9	4.08	4.15	59.7	60.8	3.6	5.0	5.1	59.7	60.8	4.5	6.2	6.26
2 1/2	65	76.1	75.2	76.0	3.2	5.71	5.83	75.3	76.6	3.6	6.4	6.5	75.3	76.6	4.5	7.9	8.05
3	80	88.9	87.9	88.7	3.2	6.72	6.89	88.0	89.5	4.0	8.4	8.5	88.0	89.5	4.8	9.9	10.10
4	100	114.3	113.0	113.9	3.6	9.75	10.00	113.1	115.0	4.5	12.2	12.5	112.1	115.0	5.4	14.5	14.80
5	125	139.7	-	-	4.5	15.00	-	138.5	140.8	4.8	15.9	16.4	138.5	140.8	5.4	17.9	18.40
6	150	165.1	-	-	4.5	17.80	-	163.9	166.5	4.8	18.9	19.5	163.9	166.5	5.4	21.3	21.90
6	150	168.3	-	-	4.5	18.20	-	-	-	4.8	19.4	-	-	-	H1-5.4	21.7	-
6	150	168.3	-	-	-	-	-	-	-	-	-	-	-	-	H2-6.3	25.2	-
7	175	193.7	-	-	4.8	22.40	-	-	-	5.4	25.1	-	-	-	5.9	27.3	-
8	200	219.1	-	-	4.8	25.40	-	-	-	5.6	29.5	-	-	-	5.9	31.0	-
10	250	273.0	-	-	-	-	-	-	-	-	-	-	-	-	5.9	38.9	-
12	300	323.9	-	-	-	-	-	-	-	-	-	-	-	-	6.3	49.3	-
14	350	355.6	-	-	-	-	-	-	-	-	-	-	-	-	8.0	68.6	-

- Note(i) IS:1239 & BS:1387 cover sizes upto 100 mm NB all series and 125 & 150 mm NB medium & heavy series, plain end & screwed and socketed ends.
(ii) IS:1161 covers all sizes plain end only.
(iii) IS:1161 OD tolerance will be as per dimension tolerance table. Above table min/max. OD applicable for IS:1239 only.
(iv) Hydro test pressure - 5 MPa (IS : 1161 Hydro Test not required)