



**AL OMRANIYA TRADING CO. L.L.C.**

**ERW BLACK & GLAVANISED STEEL PIPES used as water steel pipes, gas air steel pipes and steam conforming to IS: 1239 (Pt I)- 1990 Equivalent to BS- 1387/1995**

N.B. &Series		Outside Diameter		Wall thickness		Nominal Mass of Galvanized Steel Tubes					Socket	
mm	inch	Min. mm	Max. mm	mm	SWG	Kg /mtrs.	mtrs /tonne	Kg/ Mtrs	Mtrs /tonne	No.of Pipes per bundle	Min. Outer dia. mm	Min. Length mm
15 L	1/2	21.0	21.4	2.00	14	0.947	1056	0.956	1046	165	27.0	37.0
M	1/2	21.0	21.8	2.60	12	1.210	826	1.220	820	132		
H	1/2	21.0	21.8	3.20	10	1.440	694	1.450	690	110		
20 L	3/4	26.4	26.9	2.30	13	1.380	725	1.390	719	112	32.5	39.0
M	3/4	26.5	27.3	2.60	12	1.560	641	1.570	637	98		
H	3 / 4	26.5	27.3	3.20	10	1.870	535	1.880	532	84		
25 L	1	33.2	33.8	2.60	12	1.980	505	2.000	500	80	39.5	46.0
M	1	33.3	34.2	3.20	10	2.410	415	2.430	412	65		
H	1	33.3	34.2	4.00	8	2.930	341	2.950	339	55		
32 L	1 ¼	41.9	42.5	2.60	12	2.540	394	2.570	389	60	49.0	51.0
M	1 ¼	42.0	42.9	3.20	10	3.100	323	3.130	319	51		
H	1 ¼	42.0	42.9	4.00	8	3.790	264	3.820	262	42		
40 L	1 ½	47.8	48.4	2.90	11	3.230	310	3.270	306	48	56.0	51.0
M	1 ½	47.9	48.8	3.20	10	3.560	281	3.600	278	45		
H	1 ½	47.9	48.8	4.00	8	4.370	229	4.410	227	36		
50 L	2	59.6	60.2	2.90	11	4.080	245	4.150	241	39	68.0	60.0
M	2	59.7	60.8	3.60	9	5.030	199	5.100	196	30		
H	2	59.7	60.8	4.50	7	6.190	162	6.260	160	27		
65L	2 ½	75.2	76.0	3.20	10	5.710	175	5.830	172	27	84.0	69.0
M	2 ½	75.3	76.6	3.60	9	6.410	156	6.540	153	24		
H	2 1/2	75.3	76.6	4.50	7	7.930	126	8.050	124	20		

80 L	3	87.9	88.7	3.20	10	6.720	149	6.890	145	23	98.0	75.0
M	3	88.0	89.5	4.00	8	8.360	120	8.530	117	19		
H	3	88.0	89.5	4.80	6	9.900	101	10.400	96	16		
100 L	4	113.0	113.9	3.60	9	9.750	103	10.000	100	16	124.0	87.0
M	4	113.1	115.0	4.50	7	12.200	82	12.500	80	13		
H	4	113.0	115.0	5.40	5	14.500	69	14.800	68	11		
125 M	5	138.5	140.8	4.80	6	15.900	63	16.400	61 54	10	151.0	96.0
H	5	138.5	140.8	5.40	5	17.900	56	18.400		9		
150M	6	163.9	166.5	4.80	6	18.900	53	19,500	51	8	178.0	96.0
H	6	163.9	166.5	5.40	5	21.300	47	21,900	46	7		
L=Light, M = Medium, H= Heavy												

<b>Tolerances</b>	
Thickness	Light Tubes+ Not limited -8%
	Medium and+ Not limited Heavy Tubes -10%
Weight	Single tube +10% (Light series)
	Single tube (Medium& Heavy series) ± 10%
	For Quality per Load of 10 tonnes minimum (Light series) ± 5%
	For Quantity per Load of 10 tonnes minimum (Medium & heavy series) ± 7.5%
Length	4 to 7 meters unless otherwise specified

### **For water steel pipes and sewage conforming to IS: 3589/2001**

Outside Diameter OD	Nominal Bore	Wall Thickness	Calculated Weight (Plain end)	
mm	mm	mm	Kg./ mtr.	Mtrs./tonne approx.
168.3	150	2.6	10.6	94
		3.2	12.0	83
		4.0	16.2	62
		4.5	18.2	55
219.1	200	2.6	13.9	72
		3.6	19.1	52

		4.5	23.8	42
		6.3	33.1	30
273.0	250	3.6	23.9	42
		4.0	26.5	38
		5.0	33.0	30
		6.3	41.1	24
323.9	300	4.0	31.8	31
		4.5	35.4	28
		5.6	44.0	23
		7.1	55.5	18
355.6	350	4.0	34.7	29
		5.0	43.2	23
		5.6	48.3	21
		8.0	68.6	15

### Tolerances

Outer Dia	± 0.75%
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Thickness	± 10%
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Length	4 to 7 meter
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### Notes

Thickness as stated above are commonly used. However, pipes of other thickness can also be manufactured and supplied to meet customers' requirement. Pipes can be supplied in grades FE-330, FE-410 and FE-450.