

STEEL TUBES FOR STRUCTURAL PURPOSE CONFORMING TO IS : 1161-1998

N.B. and Series	Outside diameter	Thickness	Nominal weight Black Tubes Plain End		Calculated Nominal weight Galvanised Tubes Plain End	
			kg/m	m/tonne	Kg/m	m/tonne
15 L M H	21.3	2.0 2.6 3.2	0.947 1.21 1.44	1056 826 694	1.00 1.26 1.49	1003 794 671
20 L M H	26.9	2.3 2.6 3.2	1.38 1.56 1.87	725 641 535	1.43 1.61 1.92	699 621 521
25 L M H	33.7	2.6 3.2 4.0	1.98 2.41 2.93	505 415 341	2.03 2.46 2.98	493 407 336
32 L M H	42.4	2.9 3.2 4.0	2.54 3.10 3.79	394 323 264	2.62 3.18 3.87	382 314 258
40 L M H	48.3	2.9 3.2 4.0	3.23 3.56 4.37	310 281 229	3.34 3.67 4.48	299 272 223
50 L M H	60.3	2.3 3.6 4.5	4.08 5.03 6.19	245 199 162	4.20 5.15 6.31	238 194 158
65 L M H	76.1	3.2 3.6 4.5	5.71 6.42 7.93	175 156 126	5.86 6.57 8.10	171 152 123

80 L	88.9	3.2	6.72	149	6.90	145
M		4.0	8.36	120	3.54	117
H		4.3	9.90	101	10.08	99
90 L	101.6	3.6	8.70	115	8.97	111
M		4.0	9.63	144	7.20	139
H		4.8	11.50	87	11.77	85
100 L	114.3	3.6	9.75	103	9.97	100
M		4.5	12.20	82	12.42	81
H		5.4	14.50	69	14.72	68
110 L	127.0	4.5	13.60	74	13.90	72
M		4.8	14.50	69	14.80	68
H		5.4	16.20	62	14.80	61
125 L	139.7	4.5	15.00	67	15.25	66
M		4.6	15.90	63	16.15	62
H		5.4	17.90	56	18.15	55
135 L	152.4	4.5	16.40	61	16.73	60
M		4.3	17.50	57	17.88	56
H		5.4	19.60	51	19.98	55
150 L	165.1	4.5	17.80	56	18.20	55
M		4.3	19.40	52	19.80	51
H		5.4	21.30	47	21.70	46
175 L	168.3	4.8	22.40	45	22.94	44
M		5.4	25.10	40	25.64	39
H		5.9	27.30	37	27.84	36
200 L	219.1	4.8	25.40	39	25.95	39
M		5.6	29.50	34	30.05	33
H		5.9	31.00	32	31.55	32
225 H	273.0	5.9	34.70	29	35.36	28
250 H	273.0	5.9	33.90	2G	3968	25

15	L	21.4	21.0	2.0	0.947	0.956	1056	1046
	M	21.8	21.0	2.6	1.21	1.22	826	820
	H	21.8	21.0	3.2	1.44	1.45	694	690
20	L	26.9	26.4	2.3	1.38	1.39	725	719
	M	27.3	26.5	2.6	1.56	1.57	641	637
	H	27.3	26.5	3.2	1.87	1.88	535	532
25	L	33.9	33.2	2.6	1.98	2.00	505	500
	M	34.2	33.3	3.2	2.41	2.43	415	412
	H	34.2	33.3	4.0	2.93	2.95	341	339
32	L	42.5	41.9	2.6	2.54	2.57	394	389
	M	42.9	42.0	3.2	3.10	3.13	323	319
	H	42.9	42.0	4.0	3.79	3.82	264	262
40	L	48.4	47.8	2.9	3.23	3.27	310	306
	M	48.8	47.9	3.2	3.56	3.60	281	278
	H	48.8	47.9	4.0	4.37	4.41	229	227
50	L	60.2	59.6	2.9	4.08	4.15	245	241
	M	60.8	59.7	3.6	5.03	5.10	199	196
	H	60.8	59.7	4.5	6.19	6.26	162	160
65	L	76.0	75.2	3.2	5.71	5.83	175	172
	M	76.6	75.3	3.6	6.42	6.54	156	153
	H	76.6	75.3	4.5	7.93	8.05	126	124
80	L	88.7	87.9	3.2	6.72	6.89	149	145
	M	89.5	88.0	4.0	8.36	8.53	120	117
	H	89.5	88.0	4.8	9.90	10.1	101	96
100	L	113.9	113.0	3.6	9.75	10.0	103	100
	M	115.0	113.1	4.5	12.2	12.5	82	80
	H	115.0	113.1	5.4	14.5	14.8	69	68
125	M	140.8	138.5	4.8	15.9	16.4	63	61
	H	140.8	138.5	5.4	17.9	18.4	56	54
150	M	166.5	163.9	4.8	18.9	19.5	53	51
	H	166.5	163.9	5.4	21.3	21.9	47	46