

Air & Water Applications

IS-1239~ PART - I

Nominal Bore		Outside Diameter (mm)		Wall Thickness (mm)	Nominal Mass of Steel Tubes				Socket		
					Plain End		Screwed & Socketed				
(mm)	Inch	Minimum	Maximum		Kg/Mtr	Mtr/ton	Kg/Mtr	Mtr/ton	Minimum OD (mm)	Minimum Length (mm)	
LIGHT	15	½	21	21.4	2	0.947	1056	0.946	1046	27	37
	20	¾	26.4	26.9	2.3	1.38	725	1.39	719	32.5	39
	25	1	33.2	33.8	2.6	1.98	505	2	500	39.5	46
	32	1¼	41.9	42.5	2.6	2.54	394	2.57	389	49	51
	40	1½	47.8	48.4	2.9	3.23	310	3.27	306	56	51
	50	2	59.6	60.2	2.9	4.08	245	4.15	241	68	60
	65	2½	75.2	76	3.2	5.71	175	5.83	172	84	69
	80	3	87.9	88.7	3.2	6.72	149	6.89	145	98	75
100	4	113	113.9	3.6	9.75	103	10	100	124	87	
MEDIUM	15	½	21	21.8	2.6	1.21	826	1.22	820	27	37
	20	¾	26.4	27.3	2.6	1.56	641	1.57	637	32.5	39
	25	1	33.3	34.2	3.2	2.41	415	2.43	412	39.5	46
	32	1¼	42	42.9	3.2	3.1	323	3.13	319	49	51
	40	1½	47.9	48.8	3.2	3.56	281	3.6	278	56	51
	50	2	59.7	60.8	3.6	5.03	199	5.1	196	68	60
	65	2½	75.3	76.6	3.6	6.42	156	6.54	153	84	69
	80	3	88	89.5	4	8.36	120	8.53	117	98	75
	100	4	113.1	115	4.5	12.2	82	12.5	80	124	87
	125	5	138.5	140.8	4.8	15.9	63	16.4	61	151	96
150	6	163.9	166.5	4.8	18.9	53	19.5	51	178	96	
HEAVY	15	½	21	21.8	3.20	1.44	694	1.45	690	27	37
	20	¾	26.4	27.3	3.20	1.87	535	1.88	532	32.5	39
	25	1	33.3	34.2	4.00	2.93	341	2.95	339	39.5	46
	32	1¼	42	42.9	4.00	3.79	264	3.82	262	49	51
	40	1½	47.9	48.8	4.00	4.37	229	4.41	227	56	51
	50	2	59.7	60.8	4.50	6.19	162	6.26	160	68	60
	65	2½	75.3	76.6	4.50	7.93	126	8.05	124	84	69
	80	3	88	89.5	4.80	9.9	101	10.4	96	98	75
	100	4	113.1	115	5.40	14.5	69	14.8	68	124	87
	125	5	138.5	140.8	5.40	17.9	56	18.4	54	151	96
150	6	163.9	166.5	5.40	21.3	47	21.9	46	178	96	

Tolerances:

Length : 6 Mtrs ± 0.05 Mtrs

Thickness : ± 10% for Medium, Heavy & - 8% for Light

Weight : Single Tube - Light - 8%, + 10% & Medium and Heavy ± 10%

± 7.5% on bundles of 10 MT or more for Medium, Heavy & Light Series