

Galvanising Structures

TECHNICAL DATA FOR STEEL TUBES FOR USES IN WATER, GAS, AIR & STEAM, CONFORMING TO IS:1239 (PART 1) 2004 EQUIVALENT TO BS: 1387 - 1985

NOMINAL BORE & CLASS		OUTSIDE DIAMETER			WALL THICKNESS		BLACK TUBE				GALVANIZED TUBE				SOCKET	
							Plain End		Screwed & Socketed		Plain End		Screwed & Socketed		Min OD	Min Length
mm/in	Class	Max	Mean	Min	mm	swg	kg/mtr	mts/t	kgs/20'	pcs/mtr	kg/mtr	mts/t	kgs/20'	pcs/mtr	mm	swg
15 (1/2")	L	21.4	21.2	21.0	2.0	14	0.95	1056	0.96	1046	1.00	1001	1.01	992	27.0	37.0
	M	21.8	21.4	21.0	2.6	12	1.21	826	1.22	820	1.26	791	1.27	785	27.0	37.0
	H	21.8	21.4	21.0	3.2	10	1.44	694	1.45	690	1.49	669	1.50	665	27.0	37.0
20 (3/4")	L	26.9	26.7	26.4	2.3	13	1.38	725	1.39	719	1.44	694	1.45	689	32.5	39.0
	M	27.3	26.9	26.5	2.6	12	1.56	641	1.57	637	1.62	617	1.63	613	32.5	39.0
	H	27.3	26.9	26.5	3.2	10	1.87	535	1.88	532	1.92	520	1.93	517	32.5	39.0
25 (1")	L	33.8	33.5	33.2	2.6	12	1.98	505	2.00	500	2.06	485	2.08	480	39.5	46.0
	M	34.2	33.8	33.3	3.2	10	2.41	415	2.43	412	2.50	401	2.52	398	39.5	46.0
	H	34.2	33.8	33.3	4.0	8	2.93	341	2.95	339	3.03	330	3.05	328	39.5	46.0
32 (1.1/4")	L	42.5	42.2	41.9	2.6	12	2.54	394	2.57	389	2.64	379	2.67	374	49.0	51.0
	M	42.9	42.5	42.0	3.2	10	3.10	323	3.13	319	3.21	312	3.24	309	49.0	51.0
	H	42.9	42.5	42.0	4.0	8	3.79	264	3.82	262	3.89	257	3.92	255	49.0	51.0
40 (1.1/2")	L	48.4	48.1	47.8	2.9	11	3.23	310	3.27	306	3.36	298	3.40	294	56.0	51.0
	M	48.8	48.4	47.9	3.2	10	3.56	281	3.60	278	3.68	272	3.72	269	56.0	51.0
	H	48.8	48.4	47.9	4.0	8	4.37	229	4.41	227	4.49	223	4.53	221	56.0	51.0
50 (2")	2"	60.2	59.9	59.6	2.9	11	4.08	245	4.15	241	4.23	237	4.30	233	68.0	60.0
	2"	60.8	60.3	59.7	3.6	9	5.03	199	5.10	196	5.17	194	5.24	191	68.0	60.0
	2"	60.8	60.3	59.7	4.5	7	6.19	162	6.26	160	6.35	158	6.42	156	68.0	60.0
65 (2.1/2")	L	76.0	75.6	75.2	3.2	10	5.71	175	5.83	172	5.90	170	6.02	166	84.0	69.0
	M	76.6	76.0	75.3	3.6	9	6.42	156	6.54	153	6.62	151	6.74	148	84.0	69.0
	H	76.6	76.0	75.3	4.5	7	7.93	126	8.05	124	8.10	124	8.22	122	84.0	69.0
80 (3")	L	88.7	88.3	87.9	3.2	10	6.72	149	6.89	145	6.95	144	7.12	140	98.0	75.0
	M	89.5	88.8	88.0	4.0	8	8.36	120	8.53	117	8.59	116	8.76	114	98.0	75.0
	H	89.5	88.8	88.0	4.8	6	9.90	101	10.40	96	10.11	99	10.61	94	98.0	75.0
100 (4")	L	113.9	113.5	113.0	3.6	9	9.75	103	10.00	100	10.28	97	10.59	94	124.0	87.0
	M	115.0	114.1	113.1	4.5	7	12.20	82	12.50	80	12.76	78	13.26	75	124.0	87.0
	H	115.0	114.1	113.1	5.4	5	14.50	69	14.80	68	15.25	66	15.55	64	124.0	87.0
125 (5")	M	140.8	139.7	138.5	4.8	6	15.90	63	16.40	61	16.65	60	17.15	58	151.0	96.0
	H	140.8	139.7	138.5	5.4	5	17.90	56	18.40	54	18.62	54	19.12	52	151.0	96.0
150 (6")	M	166.5	165.2	163.9	4.8	6	18.90	53	19.50	51	19.70	51	20.30	49	178.0	96.0
	H	166.5	165.2	163.9	5.4	5	21.30	47	21.90	46	22.32	45	22.92	44	178.0	96.0

Tolerance

Class	Thickness	Mass (Single Tube)	Mass (per load of 10 T)	Length (unless otherwise specified)	Hydrostatic Test Pressure
L - Light	+ Not Limited - 8%	+ 10% - 8%	+ 7.5% - 5.0%	4 - 7 meters	5 MPa
M - Medium H - Heavy	+ Not Limited - 10%	+10% - 10%	+7.5% - 7.5%	4 - 7 meters	5MPa