

Welded Steel Pipes

MS 863 / BS EN 10255

CLASS	Nominal		Outside Diameter		Wall Thickness	Calculated Weight						Number Of Threads	Socket		Test Pressure	
	Size		Maximum	Minimum		Plain Ends			Threads and Coupling				Outer Diameter	Min. Length		
	mm	in	mm	mm		mm	kg/m	kg/ft	lb/ft	kg/m	kg/ft	lb/ft	per inch	mm	mm	Bar
LIGHT (L2)	15	1/2	21.4	21.0	2.0	0.947	0.289	0.636	0.956	0.291	0.642	14	27.8	38.1	50	725
	20	3/4	26.9	26.4	2.3	1.38	0.421	0.928	1.39	0.424	0.935	14	34.1	41.3	50	725
	25	1	33.8	33.2	2.6	1.98	0.604	1.33	2.00	0.61	1.34	11	42.1	47.6	50	725
	32	1 1/4	42.5	41.9	2.6	2.54	0.774	1.71	2.57	0.78	1.73	11	51.6	54	50	725
	40	1 1/2	48.4	47.8	2.9	3.23	0.985	2.17	3.27	1.00	2.20	11	57.9	57.2	50	725
	50	2	60.2	59.6	2.9	4.08	1.24	2.73	4.15	1.26	2.78	11	70.6	63.5	50	725
	65	2 1/2	76.0	75.2	3.2	5.71	1.74	3.83	5.83	1.78	3.92	11	87.3	69.9	50	725
	80	3	88.7	87.9	3.2	6.72	2.05	4.52	6.89	2.10	4.63	11	101.6	76.2	50	725
	100	4	113.9	113.0	3.6	9.75	2.97	6.55	10.00	3.05	6.72	11	128.6	88.9	50	725
MEDIUM (M)	15	1/2	21.8	21.1	2.6	1.21	0.369	0.814	1.22	0.372	0.82	14	27.8	38.1	50	725
	20	3/4	27.3	26.5	2.6	1.56	0.475	1.05	1.57	0.479	1.06	14	34.1	41.3	50	725
	25	1	34.2	33.3	3.2	2.41	0.735	1.62	2.43	0.741	1.63	11	42.1	47.6	50	725
	32	1 1/4	42.9	42.1	3.2	3.1	0.945	2.08	3.13	0.954	2.10	11	51.6	54.0	50	725
	40	1 1/2	48.8	47.9	3.2	3.56	1.09	2.40	3.60	1.10	2.42	11	57.9	57.2	50	725
	50	2	60.8	59.7	3.6	5.03	1.53	3.37	5.1	1.55	3.42	11	70.6	63.5	50	725
	65	2 1/2	76.6	75.3	3.6	6.42	1.96	4.32	6.54	1.99	4.39	11	87.3	69.9	50	725
	80	3	89.5	88.0	4.0	8.36	2.55	5.62	8.53	2.60	5.73	11	101.6	76.2	50	725
	100	4	115	113.1	4.5	12.2	3.72	8.20	12.5	3.81	8.40	11	128.6	88.9	50	725
	125	5	140.8	138.5	5.0	16.6	5.06	11.20	17.1	5.21	11.50	11	155.6	95.3	50	725
	150	6	166.5	163.9	5.0	19.8	6.04	13.30	20.4	6.22	13.70	11	184.2	95.3	50	725
HEAVY (H)	15	1/2	21.8	21.0	3.2	1.44	0.439	0.968	1.45	0.442	0.974	14	27.8	38.1	50	725
	20	3/4	27.3	26.5	3.2	1.87	0.57	1.257	1.880	0.573	1.263	14	34.1	41.3	50	725
	25	1	34.2	33.3	4.0	2.93	0.896	1.98	2.95	0.899	1.98	11	42.1	47.6	50	725
	32	1 1/4	42.9	42.0	4.0	3.79	1.16	2.56	3.82	1.16	2.57	11	51.6	54.0	50	725
	40	1 1/2	48.8	47.9	4.0	4.37	1.33	2.95	4.41	1.34	2.96	11	57.9	57.2	50	725
	50	2	60.8	59.7	4.5	6.19	1.89	4.17	6.26	1.91	4.21	11	70.6	63.5	50	725
	65	2 1/2	76.6	75.3	4.5	7.93	2.42	5.34	8.05	2.45	5.41	11	87.3	69.9	50	725
	80	3	89.5	88.0	5.0	10.3	3.14	6.92	10.5	3.2	7.06	11	101.6	76.2	50	725
	100	4	115	113.1	5.4	14.5	4.42	9.71	14.8	4.51	9.95	11	128.6	88.9	50	725
	125	5	140.8	138.5	5.4	17.9	5.46	12.00	18.4	5.61	12.40	11	155.6	95.3	50	725
	150	6	166.5	163.9	5.4	21.3	6.49	14.30	21.9	6.68	14.70	11	184.2	95.3	50	725

Note : This specification replaces BS 1387:1985

Tolerance : Wall Thickness : Light (L2) -8%
Medium (M) and Heavy (H) -10%
Length: Plus minus 50mm or Plus 150mm (Manufacturer Standard)
Mass : Plus 10% or minus 8% on individual tubes for types L2