



AL OMRANIYA TRADING CO. L.L.C.

BS : 1387 Of 1985 :

Technical data of welded mild steel pipes (black and galvanised) conforming to bs :1387 of 1985

Class	Nominal Bore		Outside Diameter				Wall Thickness		Weight of Black Pipes						Weight of Galvanised Pipes (Calculated)						No. of Pipes Per Std. Bundle (1 Tonne Approx.)
			Max.		Min.				Plain End			Screwed & Socketed			Plain End			Screwed & Socketed			
	inch	mm	inch	mm	inch	mm	inch	mm	Kg/mtr	mtr/ton	ft/ton	Kg/mtr	mtr/ton	ft/ton	Kg/mtr	mtr/ton	ft/ton	Kg/mtr	mtr/ton	ft/ton	
L	1/2	15	0.843	21.4	0.827	21.0	0.079	2.0	0.947	1056	3465	0.956	1046	3432	1.00	1000	3281	1.009	991	3251	160
	3/4	20	1.059	26.9	1.039	26.4	0.091	2.3	1.380	725	2379	1.390	719	2359	1.44	694	2277	1.450	690	2264	110
I	1	25	1.331	33.8	1.307	33.2	0.102	2.6	1.980	505	1657	2.000	500	1641	2.06	485	1591	2.080	481	1578	80
	1 1/4	32	1.673	42.5	1.650	41.9	0.102	2.6	2.540	394	1293	2.570	389	1276	2.64	379	1243	2.670	375	1230	61
G	1 1/2	40	1.906	48.4	1.882	47.8	0.114	2.9	3.230	310	1017	3.270	306	1004	3.34	299	981	3.380	296	971	51
	2	50	2.370	60.2	2.346	59.6	0.114	2.9	4.080	245	804	4.150	241	791	4.22	237	778	4.290	233	764	37
H	2 1/2	65	2.992	76.0	2.961	75.2	0.126	3.2	5.710	175	574	5.830	172	564	5.89	170	558	6.010	166	545	27
	3	80	3.492	88.7	3.461	87.9	0.126	3.2	6.720	149	489	6.890	145	476	6.93	144	472	7.100	141	463	24
(A)	4	100	4.484	113.9	4.449	113.0	0.142	3.6	9.750	103	338	10.000	100	328	10.03	100	328	10.280	97	318	16
M	1/2	15	0.854	21.7	0.831	21.1	0.102	2.6	1.210	826	2710	1.220	820	2690	1.26	794	2605	1.270	787	2582	130
	3/4	20	1.071	27.2	1.047	26.6	0.102	2.6	1.560	641	2103	1.570	637	2090	1.62	617	2024	1.630	613	2011	100
E	1	25	1.346	34.2	1.315	33.4	0.126	3.2	2.410	415	1362	2.430	412	1352	2.49	402	1319	2.510	398	1306	65
	1 1/4	32	1.689	42.9	1.657	42.1	0.126	3.2	3.100	323	1060	3.130	319	1047	3.20	313	1027	3.230	310	1017	51
D	1 1/2	40	1.921	48.8	1.890	48.0	0.126	3.2	3.570	280	919	3.610	277	909	3.68	272	892	3.720	269	883	44
	2	50	2.394	60.8	2.354	59.8	0.142	3.6	5.030	199	653	5.100	196	643	5.17	193	633	5.240	191	627	30
I	2 1/2	65	3.016	76.6	2.969	75.4	0.157	3.6	6.430	156	512	6.550	153	502	6.61	151	495	6.730	149	489	24
	3	80	3.524	89.5	3.469	88.1	0.177	4.0	8.370	119	390	8.540	117	384	8.58	117	384	8.750	114	374	19
U	4	100	4.524	114.9	4.461	113.3	0.177	4.5	12.200	82	269	12.500	80	262	12.48	80	262	12.780	78	256	14
	5	125	5.535	140.6	5.461	138.7	0.197	5.0	16.600	60	197	17.100	58	190	16.94	59	194	17.440	57	187	10
(B)	6	130	6.539	166.1	6.461	164.1	0.197	5.0	19.700	51	167	20.300	49	161	20.10	50	164	20.700	48	157	7
H	1/2	15	0.854	21.7	0.831	21.1	0.126	3.20	1.440	694	2277	1.450	690	2264	1.49	671	2202	1.500	667	2188	110
	3/4	20	1.071	27.2	1.047	26.6	0.126	3.20	1.870	535	1755	1.880	535	1755	1.93	518	1700	1.940	515	1690	80
E	1	25	1.346	34.2	1.315	33.4	0.157	4.00	2.940	340	1116	2.960	340	1116	3.01	332	1089	3.030	330	1083	55
	1 1/4	32	1.689	42.9	1.657	42.1	0.157	4.00	3.800	263	863	3.830	263	863	3.90	256	840	3.930	254	833	44
A	1 1/2	40	1.921	48.8	1.890	48.0	0.157	4.00	4.380	228	748	4.420	228	748	4.49	223	732	4.530	221	725	37
	2	50	2.394	60.8	2.354	59.8	0.177	4.50	6.190	162	532	6.260	162	532	6.33	158	518	6.400	156	512	27
V	2 1/2	65	3.016	76.6	2.969	75.4	0.177	4.50	7.930	126	413	8.050	126	413	8.11	123	404	8.230	122	400	20
	3	80	3.524	89.5	3.469	88.1	0.197	5.00	10.300	97	318	10.500	97	318	10.51	95	312	10.710	93	305	16
Y	4	100	4.524	114.9	4.461	113.3	0.213	5.40	14.500	69	226	14.800	69	226	14.77	68	223	15.070	66	217	12

(C)

5	125	5.535	140.6	5.461	138.7	0.213	5.40	17.900	56	184	18.400	56	184	18.24	55	180	18.740	53	174	10
6	150	6.539	166.1	6.461	164.1	0.213	5.40	21.300	47	154	21.900	47	154	21.70	46	151	22.300	45	148	7

This standard is technically equivalent to the requirements of ISO 50 & ISO R65 published by the international organization for standardization (ISO).

Tolerances : Thickness	: Light	-8 %
	Medium and Heavy	-10
Weight	: Single Tube	+10 % & -8 %
	: 150 meters and above	± 4%
Length	: 6 meters	± 0.05 meters