



carbon steel pipes for ordinary piping

Pipes have played an important role in the advancement of civilization. Clay pipes were used over 5,000 years ago in ancient Babylon. With man's progress came the advent of electrically welded steel pipes. Thanks to modern science and technology, strong and extremely durable steel pipes are available for everyday applications.

There are 4 classes of pipes:

- Welded Steel Pipes – Class Light
- Welded Steel Pipes – Class Medium
- Welded Steel Pipes – Class Heavy
- Carbon Steel Pipes

BRITISH STANDARD WELDED STEEL PIPES

BS 1387: 1985

Thickness Class	Nominal Size		Outside Diameter		Wall Thickness	Calculated Weight				No. of Threads Per Inch	Socket	
			Maximum	Minimum		Plain Ends		Threads & Coupling			Outer Diameter	Min. Length
	mm	in	mm	mm	mm	kg/m	kg/ft	kg/m	kg/ft	mm	mm	
Light "A"	15	½	21.4	21.0	2.0	0.95	0.29	0.956	0.29	14	27.8	38.1
	20	¾	26.9	26.4	2.3	1.38	0.42	1.39	0.42	14	34.1	41.3
	25	1	33.8	33.2	2.6	1.98	0.60	2	0.61	11	42.1	47.6
	32	1¼	42.5	41.9	2.6	2.54	0.77	2.57	0.78	11	51.6	54.0
	40	1½	48.4	47.8	2.9	3.23	0.99	3.27	1.00	11	57.9	57.2
	50	2	60.2	59.6	2.9	4.08	1.24	4.15	1.26	11	70.6	63.5
	65	2½	76.0	75.2	3.2	5.71	1.74	5.83	1.78	11	87.3	69.9
	80	3	88.7	87.9	3.2	6.72	2.05	6.89	2.10	11	101.6	76.2
	100	4	113.9	113.0	3.6	9.75	2.97	10	3.05	11	128.6	88.9
Medium "B"	15	½	21.7	21.1	2.6	1.21	0.37	1.22	0.37	14	27.8	38.1
	20	¾	27.2	26.6	2.6	1.56	0.48	1.57	0.48	14	34.1	41.3
	25	1	34.2	33.4	3.2	2.41	0.74	2.43	0.74	11	42.1	47.6
	32	1¼	42.9	42.1	3.2	3.10	0.95	3.13	0.95	11	51.6	54.0
	40	1½	48.8	48.0	3.2	3.57	1.09	3.61	1.10	11	57.9	57.2
	50	2	60.8	59.8	3.6	5.03	1.53	5.1	1.55	11	70.6	63.5
	65	2½	76.6	75.4	3.6	6.43	1.96	6.55	2.00	11	87.3	69.9
	80	3	89.5	88.1	4.0	8.37	2.55	8.54	2.60	11	101.6	76.2
	100	4	114.9	113.3	4.5	12.20	3.72	12.5	3.81	11	128.6	88.9
Heavy "C"	15	½	21.7	21.1	3.2	1.44	0.44	1.45	0.44	14	27.8	38.1
	20	¾	27.2	26.6	3.2	1.87	0.57	1.88	0.57	14	34.1	41.3
	25	1	34.2	33.4	4.0	2.94	0.90	2.96	0.90	11	42.1	47.0
	32	1¼	42.9	42.1	4.0	3.80	1.16	3.83	1.17	11	51.6	54.0
	40	1½	48.8	48.0	4.0	4.38	1.34	4.42	1.35	11	57.9	57.2
	50	2	60.8	59.8	4.5	6.19	1.89	6.26	1.91	11	70.6	63.5
	65	2½	76.6	75.4	4.5	7.93	2.42	8.05	2.45	11	87.3	69.9
	80	3	89.5	88.1	5.0	10.30	3.14	10.5	3.20	11	101.6	76.2
	100	4	114.9	113.3	5.4	14.50	4.42	14.8	4.51	11	128.6	88.9
125	5	140.6	138.7	5.4	17.90	5.46	18.4	5.61	11	155.6	95.3	
150	6	166.1	164.1	5.4	21.30	6.49	21.9	6.68	11	184.2	95.3	

Test Pressure: 50 Bar / 700 Psi