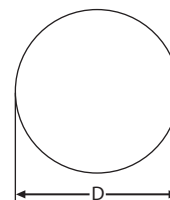




Pipes

British Standard Welded Steel Pipes



BS 1387: 1985

Thickness Class					Calculated Weight						
	Nominal Size		Outside Diameter	Wall Thickness	Inside Diameter	Plain Ends		Threads & Coupling		Test Pressure	
Light "A"	mm	in	mm	mm	mm	kg/m	kg/6m	kg/m	kg/6m	kgf/cm ²	Psi
	15	1/2	21.4	2.00	17.4	0.95	5.71	0.96	5.77	50	700
	20	3/4	26.9	2.35	22.2	1.41	8.46	1.42	8.52	50	700
	25	1	33.8	2.65	28.5	2.01	12.06	2.03	12.18	50	700
	32	1-1/4	42.5	2.65	37.2	2.58	15.48	2.61	15.66	50	700
	40	1-1/2	48.4	2.90	42.6	3.25	19.50	3.29	19.74	50	700
	50	2	60.2	2.90	54.4	4.11	24.66	4.18	25.08	50	700
	65	2-1/2	76.0	3.25	69.5	5.80	34.80	5.92	35.52	50	700
80	3	88.7	3.25	82.2	6.81	40.86	6.98	41.88	50	700	
Medium "B"	90	3-1/2	101.1	3.65	93.8	8.75	52.50	8.93	53.57	50	700
	100	4	113.9	3.65	106.6	9.89	59.34	10.20	61.20	50	700
	15	1/2	21.7	2.65	16.4	1.22	7.32	1.23	7.38	50	700
	20	3/4	27.2	2.65	21.9	1.58	9.48	1.59	9.54	50	700
	25	1	34.2	3.25	27.7	2.44	14.64	2.46	14.76	50	700
	32	1-1/4	42.9	3.25	36.4	3.14	18.84	3.17	19.02	50	700
	40	1-1/2	48.8	3.25	42.3	3.61	21.66	3.65	21.90	50	700
	50	2	60.8	3.65	53.5	5.10	30.60	5.17	31.02	50	700
	65	2-1/2	76.6	3.65	69.3	6.51	39.06	6.63	39.78	50	700
	80	3	89.5	4.05	81.4	8.47	50.82	8.64	51.84	50	700
	100	4	114.9	4.50	105.9	12.10	72.60	12.4	74.40	50	700
	125	5	140.6	4.85	130.9	16.20	97.20	16.7	100.20	50	700
	150	6	166.1	4.85	156.4	19.20	115.20	19.8	118.80	50	700
	200	8	216.3	5.80	204.7	30.10	180.60	--	--	50	700
	250	10	267.4	6.60	254.2	42.40	254.40	--	--	50	700
Heavy "C"	300	12	318.5	6.90	304.7	53.00	318.00	--	--	50	700
	350	14	355.6	7.90	339.8	67.70	406.20	--	--	50	700
	400	16	406.4	7.90	390.6	77.53	465.20	--	--	50	700
	450	18	457.2	7.90	441.4	87.36	524.13	--	--	50	700
	500	20	508.0	7.90	492.2	97.33	583.96	--	--	50	700
	15	1/2	21.7	3.25	15.2	1.45	8.70	1.46	8.76	50	700
	20	3/4	27.2	3.25	20.7	1.90	11.40	1.91	11.46	50	700
	25	1	34.2	4.05	26.1	2.97	17.82	2.99	17.94	50	700
	32	1-1/4	42.9	4.05	34.8	3.84	23.04	3.87	23.22	50	700
	40	1-1/2	48.8	4.05	40.7	4.43	26.58	4.47	26.82	50	700
	50	2	60.8	4.50	51.8	6.17	37.02	6.24	37.44	50	700
	65	2-1/2	76.6	4.50	67.6	7.90	47.40	8.02	48.12	50	700
	80	3	89.5	4.85	79.8	10.10	60.60	10.3	61.80	50	700
	100	4	114.9	5.40	104.1	14.40	86.40	14.7	88.20	50	700
	125	5	140.6	5.40	129.8	17.80	106.80	18.3	109.80	50	700
150	6	166.1	5.40	155.3	21.20	127.20	21.8	130.80	50	700	

Tolerance for Thickness: Light Tubes = -8%
Medium & Heavy Tubes = -10%

API Line Pipes/ General Data

Seamless and Welded Steel Pipes

Nom. Size	Schedule 10		Schedule 20		Schedule 30		Standard (P.E.)		Schedule 40		Schedule 60		Extra Strong		Schedule 80		Schedule 100		Schedule 120		Schedule 140		Schedule 160		XX Strong	
	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft	Wall	Lbs/Ft
1/8							0.068	0.24	0.068	0.24			0.095	0.31	0.095	0.31										
1/4							0.088	0.42	0.088	0.42			0.119	0.54	0.119	0.54										
3/8							0.091	0.57	0.091	0.57			0.126	0.74	0.126	0.74										
1/2							0.109	0.85	0.109	0.85			0.147	1.09	0.147	1.09										
3/4							0.113	1.13	0.113	1.13			0.154	1.47	0.154	1.47										
1							0.133	1.68	0.133	1.68			0.179	2.17	0.179	2.17										
1-1/4							0.140	2.27	0.140	2.27			0.191	3.00	0.191	3.00										
1-1/2							0.145	2.72	0.145	2.72			0.200	3.63	0.200	3.63										
2							0.154	3.65	0.154	3.65			0.218	5.02	0.218	5.02										
2-1/2							0.203	5.79	0.203	5.79			0.276	7.66	0.276	7.66										
3							0.216	7.58	0.216	7.58			0.300	10.25	0.300	10.25										
3-1/2							0.226	9.11	0.226	9.11			0.318	12.50	0.318	12.50										
4							0.237	10.79	0.237	10.79			0.337	14.98	0.337	14.98										
5							0.258	14.62	0.258	14.62			0.375	20.78	0.375	20.78										
6							0.280	18.97	0.280	18.97			0.432	28.57	0.432	28.57										
8							0.322	28.55	0.322	28.55			0.500	43.39	0.500	43.39										
10							0.365	40.48	0.365	40.48			0.500	54.74	0.500	54.74										
12							0.375	49.56	0.406	53.52			0.500	65.24	0.500	65.24										
14							0.375	54.57	0.438	63.44			0.500	72.09	0.500	72.09										
16							0.375	62.58	0.500	82.77			0.500	82.77	0.500	82.77										
18							0.375	82.15	0.562	104.67			0.500	93.45	0.500	93.45										
20							0.375	104.13	0.594	123.11			0.500	104.13	0.500	104.13										
22							0.375	114.81	0.688	171.29			0.500	114.81	0.500	114.81										
24							0.375	140.68	0.688	171.29			0.500	125.49	0.500	125.49										
26							0.375	136.17	0.688	171.29			0.500	136.17	0.500	136.17										
28							0.375	182.73	0.688	171.29			0.500	146.83	0.500	146.83										
30							0.375	196.08	0.688	171.29			0.500	157.53	0.500	157.53										
32							0.375	209.43	0.688	171.29			0.500	168.21	0.500	168.21										
34							0.375	222.73	0.688	171.29			0.500	178.89	0.500	178.89										
36							0.375	236.13	0.688	171.29			0.500	189.57	0.500	189.57										