

CUSTOMISED SOLUTIONS WORLDWIDE

BENTELER 

Distribution



WELDED GAS LIST TUBES BS 1387



NOM. BORE (mm)	SIZE	AE. O.D. mm	WALL mm	WALL ins	Kg/M
15	1/2 x light	21.2	2.0	0.080	0.95
15	1/2 x medium	21.4	2.6	0.104	1.21
15	1/2 x heavy	21.4	3.2	0.128	1.44
20	3/4 x light	26.6	2.3	0.092	1.38
20	3/4 x medium	26.9	2.6	0.104	1.56
20	3/4 x heavy	26.9	3.2	0.128	1.87
25	1 x light	33.5	2.6	0.104	1.98
25	1 x medium	33.8	3.2	0.128	2.41
25	1 x heavy	33.8	4.0	0.160	2.94
32	1 1/4 x light	42.2	2.6	0.104	2.54
32	1 1/4 x medium	42.5	3.2	0.128	3.10
32	1 1/4 x heavy	42.5	4.0	0.160	3.80
40	1 1/2 x light	48.1	2.9	0.116	3.23
40	1 1/2 x medium	48.4	3.2	0.128	3.57
40	1 1/2 x heavy	48.4	4.0	0.160	4.38
50	2 x light	59.9	2.9	0.116	4.08
50	2 x medium	60.3	3.6	0.144	5.03
50	2 x heavy	60.3	4.5	0.176	6.19
65	2 1/2 x light	75.6	3.2	0.128	5.71
65	2 1/2 x medium	76.0	3.6	0.144	6.43
65	2 1/2 x heavy	76.0	4.5	0.176	7.93
80	3 x light	88.3	3.2	0.128	6.72
80	3 x medium	88.8	4.0	0.160	8.37
80	3 x heavy	88.8	5.0	0.192	10.3
100	4 x light	113.4	3.6	0.144	9.75
100	4 x medium	114.1	4.5	0.176	12.2
100	4 x heavy	114.1	5.4	0.212	14.5
125	5 x medium	139.6	5.0	0.192	16.6
125	5 x heavy	139.6	5.4	0.212	17.9
150	6 x medium	165.1	5.0	0.192	19.7
150	6 x heavy	165.1	5.4	0.212	21.3

CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES AT ROOM TEMPERATURE

Chemical composition (ladle)				Mechanical properties at room temperature		
C max.	Mn max.	P max.	S max.	Tensile strength R_m	Yield strength R_e (min.)	Elongation on gauge length $L_0 = 5.65 \sqrt{S_0}$ A(min.)
% 0.20	% 1.20	% 0.045	% 0.045	N/mm ² 320 to 460	N/mm ² 195	% 20





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Product: HOT FINISHED - WELDED - COLD DRAWN

Services: CUTTING - DEBURRING - WASHING - END FINISHING