

BS EN 10255 Steel Tube - Technical Specifications

Dimensions, Weights & Pressure Capabilities

BS EN 10255 Steel Tube - Dimensions

NOMINAL BORE		APPROX OD		THICKNESS	
MM	INS	MM	INS	MEDIUM MM	HEAVY MM
8	¼	13.5	0.53	2.35	2.90
10	3/8	17.2	0.69	2.35	2.90
15	½	21.3	0.84	2.65	3.25
20	¾	26.9	1.06	2.65	3.25
25	1	33.7	1.34	3.25	4.05
32	1 ¼	42.4	1.69	3.25	4.05
40	1 ½	48.3	1.91	3.25	4.05
50	2	60.3	2.38	3.65	4.50
65	2 ½	76.1	3.00	3.65	4.50
80	3	88.9	3.50	4.05	4.85
100	4	114.3	4.50	4.50	5.40
125	5	139.7	5.50	4.85	5.40
150	6	165.1	6.50	4.85	5.40

BS EN 10255 Steel Tube - Weights

NOMINAL BORE		Red Primer Screwed & Socketed		Red Primer / Self Colour Plain Ended		Galvanised Screwed & Socketed		Galvanised Plain Ended	
MM	INS	MEDIUM Kg/m	HEAVY Kg/m	MEDIUM Kg/m	HEAVY Kg/m	MEDIUM Kg/m	HEAVY Kg/m	MEDIUM Kg/m	HEAVY Kg/m
8	¼	0.65	0.77	0.64	0.77	0.68	0.80	0.67	0.79
10	3/8	0.85	1.03	0.84	1.02	0.89	1.07	0.88	1.06
15	½	1.22	1.45	1.21	1.44	1.27	1.50	1.26	1.49
20	¾	1.57	1.88	1.56	1.87	1.64	1.94	1.63	1.93
25	1	2.43	2.96	2.41	2.94	2.51	3.04	2.49	3.02
32	1 ¼	3.13	3.83	3.10	3.80	3.24	3.94	3.21	3.90
40	1 ½	3.61	4.42	3.57	4.38	3.73	4.54	3.69	4.50
50	2	5.10	6.26	5.03	6.19	5.26	6.41	5.18	6.34
65	2 ½	6.55	8.05	6.43	7.93	6.75	8.25	6.63	8.12
80	3	8.54	10.50	8.37	10.30	8.78	10.70	8.60	10.50
100	4	12.50	14.80	12.20	14.50	12.80	15.10	12.50	14.80
125	5	17.10	18.40	16.60	17.90	17.50	18.80	17.00	18.30
150	6	20.30	21.90	19.70	21.30	20.80	22.30	20.20	21.70

BS EN 10255 Steel Tube - Pressure Capabilities

NOMINAL BORE		MEDIUM	MEDIUM	HEAVY	HEAVY
MM	INS	WATER	AIR OR STEAM AT 260oC MAX	WATER	AIR OR STEAM AT 260oC MAX
		BAR	BAR	BAR	BAR
8	¼	35	17	42	21
10	3/8	35	17	42	21
15	½	35	17	42	21
20	¾	35	17	42	21
25	1	35	17	42	21
32	1 ¼	28	14	35	17
40	1 ½	28	14	35	17
50	2	24	12	31	15
65	2 ½	24	12	31	15
80	3	21	10	28	14
100	4	17	8	21	10
125	5	17	8	21	10
150	6	14	7	17	8

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