

BS EN 10255 Steel Tube

Technical Specifications

Dimensions

NOMINAL BORE		APPROX OD		THICKNESS	
				MEDIUM	HEAVY
mm	ins	mm	ins	mm	mm
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

Weight

NOMINAL BORE		RED PRIMER SCREWED AND SOCKETED	RED PRIMER / SELF COLOUR PLAIN ENDED		GALVANISED SCREWED AND SOCKETED	GALVANISED PLAIN ENDED
		HEAVY	MEDIUM	HEAVY	HEAVY	MEDIUM
mm	ins	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m
15	½	1.45	-	-	1.50	-
20	¾	1.88	-	-	1.94	-
25	1	2.96	-	-	3.04	-
32	1 ¼	3.83	-	-	3.94	-
40	1 ½	4.42	-	-	4.54	-
50	2	6.26	5.03	-	6.41	5.18
65	2 ½	8.05	6.43	7.93	8.25	6.63
80	3	10.50	8.37	10.30	10.70	8.60
100	4	14.80	12.20	14.50	15.10	12.50
125	5	18.40	16.60	17.90	18.80	17.00
150	6	21.90	19.70	21.30	22.30	20.20

Pressure Capabilities

NOMINAL BORE		MEDIUM	MEDIUM	HEAVY	HEAVY
		WATER	AIR OR STEAM AT 260oC MAX	WATER	AIR OR STEAM AT 260oC MAX
mm	ins	BAR	BAR	BAR	BAR
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