



Chemical Composition

P 0.06% (max.)

S 0.06% (max.)

Tensile Strength	33-43	kgf-mm ² (min.)
Yield Point	28-35	kgf-mm ² (min.)
Elongation	20%	(min.)
Hydrostatic Test	50	kg/cm ²
Bending Test (D ≤50A)	6DX90	
Pipe Threads	BS 21	

BS-S 1387/1985 NB1"X 6M.

BS-L 1387/1985 NB1"X 6M.

BS-M 1387/1985 NB1"X 6M.

BS-H 1387/1985 NB1"X 6M.

Making

Class
Color

BS-S
Yellow

Light
Brown

Medium
Blue

Heavy
Red

BS 1387-FSI THIN WALL TUBES

Nominal Bore		Outside Diameter Of Black Tube				Thickness		Weight of Black Tube			
		max.		min.				Plain End		Screwed & Socketed	
in.	mm.	in.	mm.	in.	mm.	in.		kg/ft	kg/m	kg/ft	kg/m
1/2	15	0.841	21.4	0.803	20.2	0.075	1.9	0.275	0.904	0.279	0.913
3/4	20	1.059	26.9	1.203	26.0	0.079	2.0	0.378	1.24	0.381	1.25
1	25	1.328	33.8	1.260	32.0	0.091	2.3	0.552	1.81	0.558	1.83
1 1/4	32	1.670	42.5	1.606	40.8	0.091	2.3	0.73	2.40	0.739	2.43
1 1/2	40	1.903	48.4	1.850	47.0	0.098	2.5	0.86	2.86	0.884	2.90
2	50	2.370	60.2	2.322	59.0	0.098	2.5	1.12	3.67	1.14	3.74
2 1/2	65	2.881	76.0	2.913	74.0	0.110	2.8	1.53	5.03	1.57	5.15
3	80	3.491	88.7	3.432	87.2	0.114	2.9	1.89	6.21	1.94	6.38
4	100	4.481	113.9	4.448	113.0	0.126	3.2	2.65	8.70	2.75	9.01
5	125	5.536	140.6	5.424	137.8	0.142	3.6	3.71	12.16	3.86	12.65
6	150	6.541	166.1	6.416	163.0	0.142	3.6	4.40	14.43	4.57	15.00

BS 1387 STEEL TUBES & TUBULARS

LIGHT

Nominal Bore		Outside Dia. of Black Tube				Thickness		Weight of Black Tube					
		max.		min.				Plain End			Screwed & Socketed		
in.	mm.	in.	mm.	in.	mm.	in.	mm.	lb/ft	kg/ft	kg/m	lb/ft	kg/ft	kg/m
1/2	15	0.841	21.4	0.825	21.0	0.080	2.0	0.640	0.290	0.947	0.646	0.293	0.956
3/4	20	1.059	26.9	1.041	26.4	0.092	2.3	0.944	0.428	1.38	0.954	0.433	1.39
1	25	1.328	33.8	1.309	33.2	0.104	2.6	1.35	0.612	1.98	1.36	0.617	2.00
1 1/4	32	1.670	42.5	1.650	41.9	0.104	2.6	1.73	0.785	2.54	1.75	0.794	2.57
1 1/2	40	1.903	48.4	1.882	47.8	0.116	2.9	2.19	0.993	3.23	2.22	1.01	3.27
2	50	2.370	60.2	2.347	59.6	0.116	2.9	2.76	1.25	4.08	2.81	1.27	4.15
2 1/2	65	2.991	76.0	2.960	75.2	0.128	3.2	3.90	1.77	5.71	3.98	1.81	5.83
3	80	3.491	88.7	3.460	87.9	0.128	3.2	4.58	2.08	6.72	4.69	2.13	6.89
4	100	4.481	113.9	4.450	113.0	0.144	3.6	6.64	3.01	9.75	6.84	3.10	10.0

BS 1387 STEEL TUBES & TUBULARS

MEDIUM

Nominal Bore		Outside Dia. of Black Tube				Thickness		Weight of Black Tube					
		max.		min.				Plain End			Screwed & Socketed		
in.	mm.	in.	mm.	in.	mm.	in.	mm.	lb/ft	kg/ft	kg/m	lb/ft	kg/ft	kg/m
1/2	15	0.856	21.7	0.831	21.1	0.104	2.6	0.822	0.373	1.21	0.828	0.376	1.22
3/4	20	1.072	27.2	1.047	26.6	0.104	2.6	1.06	0.481	1.56	1.07	0.485	1.57
1	25	1.346	34.2	1.316	33.4	0.128	3.2	1.64	0.744	2.41	1.65	0.748	2.43
1 1/4	32	1.687	42.9	1.657	42.1	0.128	3.2	2.11	0.957	3.10	2.13	0.966	3.13
1 1/2	40	1.919	48.8	1.889	48.0	0.128	3.2	2.43	1.10	3.57	2.46	1.12	3.61
2	50	2.394	60.8	2.354	59.8	0.144	3.6	3.42	1.55	5.03	3.47	1.57	5.10
2 1/2	65	3.014	76.6	2.969	75.4	0.144	3.6	4.38	1.99	6.43	4.46	2.02	6.55
3	80	3.524	89.5	3.469	88.1	0.160	4.0	5.69	2.58	8.38	5.80	2.63	8.54
4	100	4.524	114.9	4.459	113.3	0.176	4.5	8.14	3.69	12.2	8.34	3.78	12.5
5	125	5.534	140.6	5.459	138.7	0.192	5.0	10.9	4.94	16.6	11.2	5.08	17.1
6	150	6.539	166.1	6.459	164.1	0.192	5.0	12.9	5.85	19.7	13.3	6.03	20.3

BS 1387 STEEL TUBES & TUBULARS

HEAVY

Nominal Bore		Outside Dia. of Black Tube				Thickness		Weight of Black Tube					
		max.		min.				Plain End			Screwed & Socketed		
in.	mm.	in.	mm.	in.	mm.	in.	mm.	lb/ft	kg/ft	kg/m	lb/ft	kg/ft	kg/m
1/2	15	0.856	21.7	0.831	21.1	0.128	3.2	0.977	0.443	1.44	0.938	0.446	1.45
3/4	20	1.072	27.2	1.047	26.6	0.128	3.2	1.27	0.576	1.87	1.28	0.581	1.88
1	25	1.346	34.2	1.316	33.4	0.160	4.0	2.00	0.907	2.94	2.01	0.912	2.96
1 1/4	32	1.687	42.9	1.657	42.1	0.160	4.0	2.58	1.17	3.80	2.60	1.18	3.83
1 1/2	40	1.919	48.8	1.889	48.0	0.160	4.0	2.98	1.35	4.38	3.01	1.37	4.42
2	50	2.394	60.8	2.354	59.8	0.176	4.5	4.14	1.88	6.19	4.19	1.90	6.26
2 1/2	65	3.014	76.6	2.969	75.4	0.176	4.5	5.31	2.41	7.93	5.39	2.44	8.05
3	80	3.524	89.5	3.469	88.1	0.192	5.0	6.76	3.07	10.3	6.87	3.12	10.5
4	100	4.524	114.9	4.459	113.3	0.212	5.4	9.71	4.40	14.5	9.91	4.50	14.8
5	125	5.534	140.6	5.459	138.7	0.212	5.4	12.0	5.44	17.9	12.3	5.58	18.4
6	150	6.539	166.1	6.459	164.1	0.212	5.4	14.3	6.49	21.3	14.7	6.67	21.9