

GALVANIZED STEEL PIPE STANDARD BS 1387 : 1985

STANDARD BS 1387 : 1985 LIGHT CLASS

Nominal Size		Outside Diameter				Wall Thickness	Calculated Weight			
		Max.		Min.			Plain Ends		Threads & Coupling	
DN		In.	mm.	In.	mm.	mm.	lb./ft.	kg/m.	lb./ft.	kg/m.
1/2	(15)	0.841	21.40	0.825	21.00	2.0	0.640	0.947	0.646	0.959
3/4	(20)	1.059	26.90	1.041	26.40	2.3	0.944	1.38	0.954	1.39
1	(25)	1.328	33.80	1.309	33.20	2.6	1.350	1.98	1.360	2.00
1 1/4	(32)	1.670	42.50	1.650	41.90	2.6	1.730	2.54	1.750	2.57
1 1/2	(40)	1.903	48.40	1.882	47.80	2.9	2.190	3.23	2.220	3.27
2	(50)	2.370	60.20	2.347	59.60	2.9	2.760	4.08	2.810	4.15
2 1/2	(65)	2.991	76.00	2.960	75.20	3.2	3.900	5.71	3.980	5.83
3	(80)	3.491	88.70	3.460	87.90	3.2	4.580	6.72	4.690	6.89
4	(100)	4.481	113.90	4.450	113.00	3.6	6.640	9.75	6.840	10.00

STANDARD BS 1387 : 1985 MEDIUM CLASS

Nominal Size		Outside Diameter				Wall Thickness	Calculated Weight			
		Max.		Min.			Plain Ends		Threads & Coupling	
DN		In.	mm.	In.	mm.	mm.	lb./ft.	kg/m.	lb./ft.	kg/m.
1/2	(15)	0.856	21.70	0.831	21.10	2.6	0.811	1.21	0.818	1.220
3/4	(20)	1.072	27.20	1.047	26.60	2.6	1.046	1.56	1.053	1.57
1	(25)	1.346	34.20	1.316	33.40	3.2	1.616	2.41	1.629	2.43
1 1/4	(32)	1.687	42.90	1.657	42.10	3.2	2.079	3.10	2.099	3.13
1 1/2	(40)	1.919	48.80	1.889	48.00	3.2	2.394	3.57	2.421	3.61
2	(50)	2.394	60.80	2.354	59.80	3.6	3.373	5.03	3.420	5.10
2 1/2	(65)	3.014	76.60	2.969	75.40	3.6	4.312	6.43	4.392	6.55
3	(80)	3.524	89.50	3.469	88.10	4.0	5.613	8.37	5.727	8.54
4	(100)	4.524	114.90	4.459	113.30	4.5	8.181	12.20	8.382	12.50
5	(125)	5.534	140.60	5.459	138.70	5.0	11.131	16.60	11.467	17.10
6	(150)	6.539	166.10	6.459	164.10	5.0	13.210	19.70	13.612	20.30

STANDARD BS 1387 : 1985 HEAVY CLASS

Nominal Size		Outside Diameter				Wall Thickness	Calculated Weight			
		Max.		Min.			Plain Ends		Threads & Coupling	
DN		In.	mm.	In.	mm.	mm.	lb./ft.	kg/m.	lb./ft.	kg/m.
1/2	(15)	0.856	21.70	0.831	21.10	3.2	0.966	1.44	0.972	1.45
3/4	(20)	1.071	27.20	1.047	26.60	3.2	1.254	1.87	1.261	1.88
1	(25)	1.346	34.20	1.316	33.40	4.0	1.971	2.94	1.985	2.96
1 1/4	(32)	1.685	42.90	1.657	42.10	4.0	2.548	3.80	2.568	3.83
1 1/2	(40)	1.917	48.80	1.889	48.00	4.0	2.937	4.38	2.964	4.42
2	(50)	2.394	60.80	2.354	59.80	4.5	4.151	6.19	4.198	6.26
2 1/2	(65)	3.016	76.60	2.969	75.40	4.5	5.318	7.93	5.398	8.05
3	(80)	3.523	89.50	3.469	88.10	5.0	6.907	10.30	7.041	10.50
4	(100)	4.523	114.90	4.459	113.30	5.4	9.723	14.50	9.924	14.80
5	(125)	5.535	140.60	5.459	138.70	5.4	12.003	17.90	12.338	18.40
6	(150)	6.539	166.10	6.459	164.10	5.4	14.283	21.30	14.685	21.90

TECHNICAL SPECIFICATIONS :

Chemical Composition (%)				Mechanical Properties				
C	Mn	P	S	Tensile Strength	Yield Strength	Elongation (%)		Test (bar)
Max.	Max.	Max.	Max.			Min.		
0.20	1.20	0.045	0.045	320-460 N/mm.2	195 N/mm.2	20		50

DIMENSION TOLERANCES :

Tolerance	Light Class	Medium Class	Heavy Class
Wall Thickness :	- 8% + not specified	- 10% + not specified	- 10% + not specified
Length :	+ 50mm., - 0mm.		
Weight :	+10%, - 8% per piece / + 4% per bundle (over 500 ft.)		