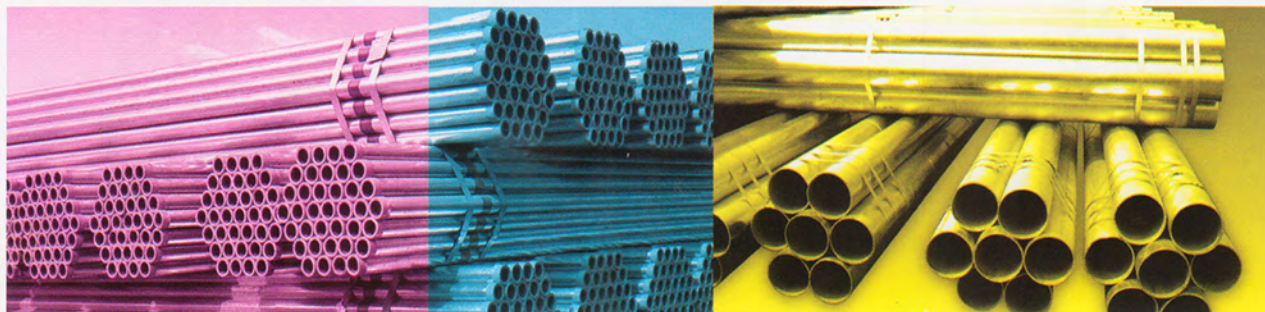


# TECHNICAL DATA OF BLACK & GALVANISED STEEL PIPES (H.F.I.W) BRITISH STANDARD SPECIFICATION BS 1387-1985 FOR SCREWED AND SOCKETED STEEL TUBES AND FOR PLAIN END STEEL TUBES SUITABLE FOR WELDING OR SCREWING (EQUIVALENT TO ISS: 1239 (PART -1) – 1990)



**TECHNICAL DATA OF PIPES CONFORMING TO BS : 1387**

		Outside Diameter			Weight of Black Pipe		
Light	Nominal Bore		Max	Min	Thickness	(Kg/Mtr.)	
	Inch	MM	MM	MM	mm	Plain end	Screwed & Socketed
	½	15	21.4	21.00	2.0	0.947	0.956
	¾	20	26.9	26.400	2.3	1.380	1.390
	1	25	33.8	33.200	2.6	1.980	2.000
	1 ¼	32	42.5	41.900	2.6	2.540	2.570
	1 ½	40	48.4	47.800	2.9	3.230	3.270
	2	50	60.2	59.600	2.9	4.080	4.150
	2 ½	65	76.0	75.200	3.2	5.710	5.830
	3	80	88.7	87.900	3.2	6.720	6.890
	4	100	113.9	113.000	3.6	9.750	10.000
Medium	½	15	21.7	21.100	2.6	1.210	1.220
	¾	20	27.2	21.100	2.6	1.560	1.570
	1	25	34.2	33.400	3.2	2.410	2.430
	1 ¼	32	42.9	42.100	3.2	3.100	3.130
	1 ½	40	48.8	48.000	3.2	3.570	3.610
	2	50	60.8	59.800	3.6	5.030	5.100
	2 ½	65	76.6	75.400	3.6	6.430	6.550
	3	80	89.5	88.100	4.0	8.370	8.540
	4	100	114.9	113.300	4.5	12.200	12.500
Heavy	5	125	140.6	138.700	5.0	16.600	17.100
	6	150	166.1	164.100	5.0	19.700	20.300
	½	15	21.7	21.100	3.2	1.440	1.450
	¾	20	27.2	26.600	3.2	1.870	1.880
	1	25	34.2	33.400	4.0	2.940	2.960
	1 ¼	32	42.9	42.100	4.0	3.800	3.830
	1 ½	40	48.8	48.000	4.0	4.380	4.420
	2	50	60.8	59.800	4.5	6.190	6.260
	2 ½	65	76.6	75.400	4.5	7.930	8.050
	3	80	89.5	88.100	5.0	10.300	10.500
	4	100	114.9	113.300	5.4	14.500	14.800
5	125	140.6	138.700	5.4	17.900	18.400	
6	150	166.1	164.100	5.4	21.300	21.900	

## TOLERANCES

- |                     |         |                  |                                  |
|---------------------|---------|------------------|----------------------------------|
| a. Outside diameter | ± 0.8 % | d. Ovality       |                                  |
| b. Thickness        | ± 10%   | Below 168.3mm OD | (0.5mm)                          |
| c. Weight           |         | 168.3mm OD above | (1.0mm)                          |
| Single Tube         | ± 10%   | e. Electricity   | 5% of wall thickness             |
| For Quantities      | ± 10%   | f. Length        | (Random length of 4 to 7 meters) |
| Per load of 10      | ± 7.5   |                  |                                  |
| Tones minimum       |         |                  |                                  |