

MS / GI (ERW) PIPES CONFIRM TO IS : 1239 (PART I) - 2004

Nominal Bore		Outside Diameter		Light (A-Class) Thickness Weight		Medium (B-Class) Thickness Weight		Heavy (C-Class) Thickness Weight	
Inch	mm	Inch	mm	mm	kg/mtr	mm	kg/mtr	mm	kg/mtr
1/8"	6 mm	0.406	10.32	1.80	0.361	2.00	0.407	2.65	0.493
1/4"	8 mm	0.532	13.49	1.80	0.517	2.35	0.650	2.90	0.769
3/8"	10 mm	0.872	17.10	1.80	0.674	2.35	0.852	2.90	1.02
1/2"	15 mm	0.844	21.43	2.00	0.952	2.65	1.122	3.25	1.45
3/4"	20 mm	1.094	27.20	2.35	1.410	2.65	1.580	3.25	1.90
1"	25 mm	1.312	33.80	2.65	2.010	3.25	2.440	4.05	2.97
1.1/4"	32 mm	1.656	42.90	2.65	2.580	3.25	3.140	4.05	3.84
1.1/2"	40 mm	1.906	48.40	2.90	3.250	3.25	3.610	4.05	4.43
2"	50 mm	2.375	60.30	2.90	4.110	3.65	5.100	4.47	6.17
2.1/2"	65 mm	3.004	76.20	3.25	5.840	3.65	6.610	4.47	7.90
3"	80 mm	3.500	88.90	3.25	6.810	4.05	8.470	4.85	10.1
4"	100 mm	4.500	114.30	3.65	9.890	4.50	12.10	5.40	14.4
5"	125 mm	5.500	139.70	-	-	4.85	16.20	5.40	17.8
6"	150 mm	6.500	165.10	-	-	4.85	19.20	5.40	21.2

BIG DIAMETER MS ERW PIPES CONFIRM TO IS 3589-1997 [GRADE 330/410]

Dimension		Thickness														Wight Kg/Meter					
NB	OD	2.90	3.20	3.60	4.00	4.50	4.80	5.00	5.40	5.90	6.35	7.40	8.80	9.20	9.50	10.00					
200	219.10	15.46	17.04	19.13	21.22	23.82	25.37	26.40	28.46	31.02	33.32	38.63									
250	273.00	19.32	21.29	23.92	26.54	29.80	31.75	33.05	35.64	38.86	41.76	48.47	57.34	59.85	61.73						
300	323.90		25.31	28.44	31.56	35.45	37.77	39.32	42.42	46.27	49.73	57.76	68.38	71.40	73.66	77.41					
350	355.60			31.25	34.68	38.96	41.53	43.23	46.64	50.88	54.69	63.54	75.26	78.59	81.09	85.23					
400	406.40				39.70	44.60	47.54	49.50	53.40	58.27	62.65	72.82	86.29	90.12	92.99	97.76					
450	457.00					50.22	53.53	55.73	60.14	65.64	70.57	82.05	97.27	101.60	104.84	110.24					
500	508.00						59.57	62.02	66.93	73.06	78.56	91.36	108.34	113.17	116.79	122.81					

TOLERANCES :

- A) Thickness >
- | | | | | |
|---------------------------|---|-------------|---|-----|
| 1. Light Tubes | + | not limited | - | 8% |
| 2. Medium and Heavy Tubes | + | not limited | - | 10% |
- B) Weight >
- | | | | | |
|---|---|------|---|-----|
| 1. Single Tube (Light Series) | + | 10% | - | 8% |
| 2. Single Tube (Medium and Heavy Series) | ± | | ± | 10% |
| 3. For quantities per load of 10 tonnes minimum (Light Series) | + | 7.5% | - | 5% |
| 4. For quantities per load of 10 tonnes minimum (Medium and Heavy Series) | ± | 7.5% | | |

C) Hydro Test Pressure 5 Mpa