

MS Pipe Weight Chart

**With Tubes Tolerance, Product, Stock
Range AND Applications**



MS pipe weight chart

**Mild Steel Pipes, MS Tubes Dimensions
Confirming to IS: 1239 (Part - I) - 2004, Equivalent
to BS - 1387 / 1985**

Nominal Bore		Outside Diameter		Light (A-Class) Thickness Weight		Medium (B-Class) Thickness Weight		Heavy (C-Class) Thickness Weight	
Inc h	m m	Inc h	mm	m m	kg/mtr	m m	kg/mtr	m m	kg/mtr
1/8"	3 m m	0.406	10.32	1.80	0.361	2.00		2.65	0.493
1/4"	6 m m	0.532	13.49	1.80	0.517	2.35	0.407	2.90	0.769
3/8"	10 m m	0.872	17.10	1.80	0.674	2.35	0.852	2.90	1.02
1/2"	15 m m	0.844	21.43	2.00	0.952	2.65	1.122	3.25	1.45
3/4"	20 m m	1.094	27.20	2.35	1.410	2.65	1.580	3.25	1.90
1"	25 m m	1.312	33.80	2.65	2.010	3.25	2.440	4.05	2.97

1.1 /4"	3 2 m m	1.6 56	42. 90	2. 65	2.5 80	3. 25	3.1 40	4. 05	3.8 4
1.1 /2"	4 0 m m	1.9 06	48. 40	2. 90	3.2 50	3. 25	3.6 10	4. 05	4.4 3
2"	5 0 m m	2.3 75	60. 30	2. 90	4.1 10	3. 65	5.1 00	4. 47	6.1 7
2.1 /2"	6 5 m m	3.0 04	76. 20	3. 25	5.8 40	3. 65	6.6 10	4. 47	7.9 0
3"	8 0 m m	3.5 00	88. 90	3. 25	6.8 10	4. 05	8.4 70	4. 85	10. 1
4"	1 0 0 m m	4.5 00	114 .30	3. 65	9.8 90	4. 50	12. 10	5. 40	14. 4
5"	1 2 5 m m	5.5 00	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
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Big Diameter Mild Steel Pipes, MS ERW Pipes Confirming to IS 3589, Grade FE330, Grade FE410

Wall Thickness	Nominal Bore 7" NB 193.7 mm OD	Nominal Bore 8" NB 219.1 mm OD	Nominal Bore 10" NB 273 mm OD	Nominal Bore 12" NB 323.7 mm OD	Nominal Bore 14" NB 355.6 mm OD	Nominal Bore 16" NB 406.4 mm OD	Nominal Bore 18" NB 457 mm OD	Nominal Bore 20" NB 508 mm OD
mm	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr
4.85	22.59	25.62	32.07	38.13	—	—	—	—
5.20	24.17	27.43	34.34	40.85	—	—	—	—
5.60	26.00	29.28	36.93	43.93	48.11	—	—	—
6.00	27.88	31.53	39.50	47.02	51.49	61.00	69.00	—

6.3 5	29.3 4	33.2 8	41.7 3	49.6 7	54.4 3	62.3 5	70.5 0	78.5 0
7.0 1	32.7 7	36.7 6	46.4 3	55.4 5	61.8 2	69.0 4	–	–
7.9 4	–	41.0 0	50.9 5	61.8 5	67.9 8	77.9 4	87.8 0	–
8.1 8	–	42.5 6	53.4 2	65.1 2	–	–	–	–
9.5 3	–	51.5 0	60.2 4	73.7 5	81.2 1	93.1 3	105. 00	117. 00
12. 70	–	–	–	–	107. 28	123. 30	139. 00	155. 00

Mild Steel Pipes, Tubes Tolerance as per IS:1239

(a) Thickness		
(1)	Butt-welded Light tubes	+Not limited – 8 percent
	Medium and Heavy tubes	+ Not Limited – 10 percent
(2)	Seamless Tubes	+Not Limited – 12.5 percent

(b) Weight :		
(1)	Single tube (light series)	+10 percent – 8 percent
(2)	Single tube (medium & heavy Series)	+10 percent

Mild Steel Pipes, MS Tubes Product, Stock Range

Size	=	15mm NB to 150mm NB (1/2" to 6"), 7" (193.7mm OD to 20" 508mm OD)
Dimension & Tolerance	=	Mild Steel Pipes Dimensions – IS: 1239 (Pt I) – 2004 Equivalent to BS – 1387 / 1985
Specifications	=	IS – 1239 (Part -1) 2004, Equivalent to BS – 1387 / 1985
Surface Finish	=	Black
Features	=	High Strength, Corrosion Resistant, High Toughness and Deformability
Length	=	As per customer's requirement (Maximum upto 7 meters)
Features	=	High Strength, Corrosion Resistant, High Toughness and Deformability

What are the Applications of Mild Steel Pipes and Mild Steel Tubes?

- 1. Industrial Water Lines, Plant Piping**
- 2. Agriculture and Irrigation**
- 3. Galvanized Steel Fencings**
- 4. Road Barriers**
- 5. Parking Barriers**
- 6. Temporary Fencings**
- 7. Steel Gates & Windows**
- 8. Road Side Railings**
- 9. Structural and fabrication work**
- 10. Water Pipelines**
- 11. Sewerage Systems**
- 12. Oil Pipe Lines**
- 13. Oil Refinery Piping, Crude Oil Piping**