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## SIZE CHART & WEIGHTS OF IS 1239 & IS 3589 ERW Pipes in Mild Steel And Galvanized (GI)

### ( DIMENSIONAL DATA ) SIZE WALL THICKNESS AND WEIGHT OF ERW PIPES AS PER IS 1239 :1979

Nominal bore		Outside diameter		Thickness	Light	Weight	Thickness	Medium	Weight	Thickness	Heavy	Weight
in Inch	in mm	in Inch	in mm	in	MM	Kg/m	in	MM	Kg/m	in	MM	Kg/mtr
1/8"	6 mm	0.406	10.32	.072	1.80	.361	.080	2.00	.407	.104	2.65	.493
1/4"	8 mm	0.532	13.49	.072	1.80	.517	.092	2.35	.650	.116	2.90	.769
3/8"	10 mm	0.872	17.10	.072	1.80	.674	.092	2.35	.852	.116	2.90	1.02
1/2"	15 mm	0.844	21.43	.080	2.00	.952	.104	2.65	1.122	.128	3.25	1.45
3/4"	20 mm	1.094	27.20	.092	2.35	1.410	.104	2.65	2.440	.128	3.25	1.90
1"	25 mm	1.312	33.80	.104	2.65	2.010	.128	3.25	1.580	.160	4.05	2.97
1 1/4"	32 mm	1.656	42.90	.104	2.65	2.580	.128	3.25	3.140	.160	4.05	3.84
1 1/2"	40 mm	1.906	48.40	.116	2.90	3.250	.128	3.25	3.610	.160	4.05	4.43
2"	50 mm	2.375	60.30	.116	2.90	4.110	.144	3.65	5.100	.176	4.47	6.17
2 1/2"	65 mm	3.004	76.20	.126	3.25	5.840	.144	3.65	6.610	.176	4.47	7.90
3"	80 mm	3.500	88.90	.128	3.25	6.810	.166	4.05	8.470	.192	4.85	10.10
4"	100 mm	4.500	114.30	.144	3.65	9.890	.176	4.50	12.100	.212	5.40	14.40
5"	125 mm	5.500	139.70	-	-	-	.192	4.85	16.200	.212	5.40	17.80
6"	150 mm	6.500	165.10	-	-	-	.192	4.85	19.200	.212	5.40	21.20

### ( DIMENSIONAL DATA ) SIZE WALL THICKNESS AND WEIGHT OF ERW PIPES AS PER IS 3589 FOR SIZES 200NB AND ABOVE

CONFIRM TO IS 3589								
Wall Thickness in mm	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore
	7"NB 193.7mm OD	8"NB 219.1mm OD	10"NB 273 mm OD	12"NB 323.7 mm OD	14"NB 354.0 mm OD	16" NB 406.4 mm OD	18" NB 454.0 mm OD	20" NB 508.0 mm OD
	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	40.84	-	-	-	-
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	-
6.35	29.34	33.28	41.73	49.67	54.43	62.35	70.50	78.50
7.01	32.27	36.76	46.43	55.45	61.82	69.04	-	-
7.94	-	41.00	50.95	61.85	67.98	77.92	87.80	-
8.18	-	42.56	53.42	65.12	-	-	-	-
9.53	-	51.50	60.24	73.75	81.21	93.13	105.00	117.00
12.7	-	-	-	-	107.28	123.30	139.00	155.00

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