ANSI B 36.10 / ASME B 36.10 (2004)

Nominal Pipe	Outside Dia-	Schedule 10		Schedule 20		Schedule 30		Schedule STD		Schedule 40		Schedule 60		Schedule XS		Schedule 80		Schedule 100		Schedule 120		Schedule 140		Schedule 160		Schedule XXS	
Size	meter	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m
1/4"	13.7							2.24	0.63	2.24	0.63			3.02	0.80	3.02	0.80										
3/8"	17.1							2.31	0.84	2.31	0.84			3.20	1.10	3.20	1.10										
½"	21.3							2.77	1.27	2.77	1.27			3.73	1.62	3.73	1.62							4.78	1.95	7.47	2.55
3/4"	26.7							2.87	1.69	2.87	1.69			3.91	2.20	3.91	2.20							5.56	2.90	7.82	3.64
1"	33.4							3.38	2.50	3.38	2.50			4.55	3.24	4.55	3.24							6.35	4.24	9.09	5.45
1 1/4"	42.2							3.56	3.39	3.56	3.39			4.85	4.47	4.85	4.47							6.35	5.61	9.70	7.77
1 ½""	48.3							3.68	4.05	3.68	4.05			5.08	5.41	5.08	5.41							7.14	7.25	10.15	9.55
2"	60.3							3.91	5.44	3.91	5.44			5.54	7.48	5.54	7.48							8.74	11.11	11.07	13.44
2 ½"	73.0							5.16	8.63	5.16	8.63			7.01	11.41	7.01	11.41							9.53	14.92	14.02	20.39
3"	88.9							5.49	11.29	5.49	11.29			7.62	15.27	7.62	15.27							11.13	21.35	15.24	27.68
3 ½"	101.6							5.74	13.57	5.74	13.57			8.08	18.63	8.08	18.63										
4"	114.3							6.02	16.08	6.02	16.07			8.56	22.32	8.56	22.32			11.13	28.32			13.49	33.54	17.12	41.03
5"	141.3							6.55	21.77	6.55	21.77			9.53	30.97	9.53	30.97			12.70	40.28			15.88	49.12	19.05	57.43
6"	168.3							7.11	28.26	7.11	28.26			10.97	42.56	10.97	42.56			14.27	54.21			18.26	67.57	21.95	79.22
8"	219.1			6.35	33.32	7.04	36.82	8.18	42.55	8.18	42.55	10.31	53.09	12.70	64.64	12.70	64.64	15.09	75.92	18.26	90.44	20.62	100.93	23.01	111.27	22.23	107.93
10"	273.0			6.35	41.76	7.80	51.01	9.27	60.29	9.27	60.31	12.70	81.50	12.70	81.53	15.09	95.98	18.26	114.71	21.44	133.01	25.40	155.10	28.58	172.27	25.40	155.10
12"	323.8			6.35	49.71	8.38	65.19	9.53	73.86	10.31	79.71	14.27	108.93	12.70	97.44	17.48	132.05	21.44	159.87	25.40	186.92	28.58	208.08	33.32	238.69	25.40	186.92
14"	355.6	6.35	54.69	7.92	67.91	9.53	81.33	9.53	81.33	11.13	94.55	15.09	126.72	12.70	107.40	19.05	158.11	23.83	194.98	27.79	224.66	31.75	253.58	35.71	281.72		
16"	406.4	6.35	62.65	7.92	77.83	9.53	93.27	9.53	93.27	12.70	123.31	16.66	160.13	12.70	123.30	21.44	203.54	26.19	245.57	30.96	286.66	36.53	333.21	40.49	365.38		
18"	457.2	6.35	70.57	7.92	87.71	11.13	122.38	9.53	105.17	14.27	155.81	19.05	205.75	12.70	139.16	23.83	254.57	29.36	309.64	34.93	363.58	39.67	408.28	45.24	459.39		
20"	508.0	6.35	78.56	9.53	117.15	12.70	155.13	9.53	117.15	15.09	183.43	20.62	247.84	12.70	155.13	26.19	311.19	32.54	381.55	38.10	441.52	44.45	508.15	50.01	564.85		
22"	558.8	6.35	86.55	9.53	129.14	12.70	171.10	9.53	129.14			22.23	294.27	12.70	171.10	28.58	373.85	34.93	451.45	41.28	527.05	47.63	600.67	53.90	672.30		
24"	609.6	6.35	94.53	9.53	141.12	14.27	209.65	9.53	141.12	17.48	255.43	24.61	355.28	12.70	187.07	30.96	442.11	38.89	547.74	46.02	640.07	52.37	720.19	59.54	808.27		
26"	660.4	7.92	127.36	12.70	202.74			9.53	152.88					12.70	202.74												
28"	711.2	7.92	137.32	12.70	218.71	15.88	272.23	9.53	164.86					12.70	218.71												
30"	762.0	7.92	147.29	12.70	234.68	15.88	292.20	9.53	176.85					12.70	234.68												
32"	812.8	7.92	157.25	12.70	250.65	15.88	312.17	9.53	188.83	17.48	342.94			12.70	250.65												
34"	863.6	7.92	167.21	12.70	266.63	15.88	332.14	9.53	200.82	17.48	364.92			12.70	266.63												
36"	914.4	7.92	176.97	12.70	282.29	15.88	351.73	9.53	212.57	19.05	420.45			12.70	282.29												

ANSI B 36.19 / ASME B 36.19 (2004)

Nominal Pipe	Schedule 5S		Schedule 10S		Schedule 40S		Schedule 80S	
Size	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m
1/4"			1.65	0.50	2.24	0.64	3.02	0.81
3/8"			1.65	0.64	2.31	0.86	3.20	1.12
½"	1.65	0.81	2.11	1.02	2.77	1.29	3.73	1.65
3/4"	1.65	1.03	2.11	1.30	2.87	1.71	3.91	2.23
1"	1.65	1.31	2.77	2.13	3.38	2.54	4.55	3.29
1 1/4"	1.65	1.68	2.77	2.73	3.56	3.44	4.85	4.53
1 ½""	1.65	1.93	2.77	3.16	3.68	4.11	5.08	5.49
2"	1.65	2.42	2.77	3.99	3.91	5.52	5.54	7.60
2 ½"	2.11	3.75	3.05	5.35	5.16	8.77	7.01	11.59
3"	2.11	4.59	3.05	6.56	5.49	11.47	7.62	15.51
3 ½"	2.11	5.26	3.05	7.53	5.74	13.78	8.08	18.92
4"	2.11	5.93	3.05	8.50	6.02	16.32	8.56	22.67
5"	2.77	9.61	3.40	11.74	6.55	22.10	9.53	31.44
6"	2.77	11.48	3.40	14.04	7.11	28.70	10.97	43.22
8"	2.77	14.9	3.80	20.12	8.18	43.20	12.70	65.64
10"	3.40	22.95	4.19	28.20	9.27	61.22	12.70	82.78
12"	3.96	31.71	4.57	36.53	9.53	74.94	12.70	98.96
14"	3.96	34.87	4.78	41.99	9.53	82.50	12.70	109.05
16"	4.19	42.20	4.78	48.07	9.53	94.61	12.70	125.20
18"	4.19	47.53	4.78	54.15	9.53	106.83	12.70	141.35
20"	4.78	60.23	5.54	69.70	9.53	118.95	12.70	157.51
22"	4.78	66.31	5.54	76.75	9.53	131.07	12.70	173.66
24"	5.54	83.80	6.35	95.92	9.53	143.20	12.70	189.82
26"					9.53	155.22	12.70	205.85
28"					9.53	167.39	12.70	222.06
30"	6.35	120.15	7.92	149.55	9.53	179.56	12.70	238.28
32"					9.53	191.73	12.70	254.50
34"					9.53	203.90	12.70	270.72
36"					9.53	215.83	12.70	286.62

M.S. / G.I. ERW Pipes Confirming to IS : 1239 Part 1 Plain End.

Nominal Pipe	Light		Medium		Heavy	
	Thick.	Weight	Thick.	Weight	Thick.	Weight
	mm	kg/mtr.	mm	kg/mtr.	mm	kg/mtr.
1/4"	1.80	0.515	2.30	0.641	2.90	0.765
3/8"	1.80	0.670	2.30	0.839	2.90	1.02
1/2"	2.00	0.947	2.60	1.210	3.20	1.44
3/4"	2.30	1.380	2.60	1.560	3.20	1.87
1"	2.60	1.980	3.20	2.410	4.00	2.93
1 1/4"	2.60	2.540	3.20	3.100	4.00	3.79
1 ½"	2.90	3.230	3.20	3.560	4.00	4.37
2"	2.90	4.080	3.60	5.03	4.50	6.19
2 ½"	3.20	5.710	3.60	6.420	4.50	7.93
3"	3.20	6.720	4.0	8.360	4.80	9.90
3 ½"	-	-	-	-	-	-
4"	3.60	9.750	4.50	12.20	5.40	14.50
5"	-	-	4.85	15.90	5.40	17.90
6"	-	-	4.85	18.90	5.40	21.30

Weight : 2 % Extra for Screwed & Socket, End.

Large Dia. ERW Pipes Confirm to IS 3589

Wall Thick. in	Nominal Bore							
	7" NB 193.7 mm OD	8" NB 219.1 mm OD	10" NB 273 mm OD	12" NB 323.7 mm OD	14" NB 355.6 mm OD	16" NB 406.4 mm OD	18" NB 457 mm OD	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	-	-	-	-
5.60	25.98	29.48	36.93	43.93	48.33	-	-	-
6.00	27.77	31.53	39.51	47.01	51.73	59.24	66.73	-
6.35	29.34	33.28	41.73	49.67	54.43	62.35	70.50	78.50
7.94	-	41.35	51.90	61.83	68.07	78.02	87.93	-
9.53	-	49.25	61.83	73.83	81.33	93.27	105.16	117.15
12.70	-	-	-	-	107.39	123.30	139.15	155.12

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Formula :

Weight of Steel Pipes & Tubes : OD(mm) - W.T.(mm) x W.T.(mm) 0.02466 = kg per meter Feet = meter ÷ 3.281 All Dimension are in Kilograms & Meters