

DIMENSIONS & WEIGHT OF CARBON STEEL & ALLOY STEEL PIPES

Weight Kg/Mtr = (OD-Wt) x WT x 0.02466 (where OD = Outside diameter Wt - Wall Thickness)
Wall = Wall Thickness in Millimeter Kg./Mtr. = Weight in Kg per Meter

Nominal Pipe Size		OD Size	Schedule 10		Schedule 20		Schedule 30		Schedule Standard (STD)		Schedule 40		Schedule Extra Strong (XS)		Schedule 60		Schedule 80		Schedule 100		Schedule 120		Schedule 140		Schedule 160		Schedule Double Ex. Strong	
Inch	DN	mm	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.	Wall	Kg./Mtr.
1/8	6	10.3							1.73	0.37	1.73	0.37	2.42	0.47			2.41	0.47										
1/4	8	13.7							2.24	0.63	2.24	0.63	3.02	0.80			3.02	0.80										
3/8	10	17.1							2.31	0.84	2.31	0.84	3.20	1.10			3.20	1.10										
1/2	15	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	20	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	25	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	32	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
1-1/2	40	48.3							3.68	4.05	3.68	4.05	5.08	5.41			5.08	5.41							7.14	7.25	10.15	9.56
2	50	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
2-1/2	65	73.0							5.16	8.63	5.16	8.63	7.01	11.41			7.01	11.41							9.53	14.90	14.02	20.39
3	80	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
3-1/2	90	101.6							5.74	13.57	5.74	13.57	8.08	18.63			8.08	18.63										
4	100	114.3							6.02	16.07	6.02	16.07	8.56	22.32			8.56	22.32			11.13	28.32			13.43	33.54	17.12	41.03
5	125	141.3							6.55	21.77	6.55	21.77	9.53	30.94			9.53	30.94			12.70	40.28			15.88	49.11	19.05	57.43
6	150	168.3							7.11	28.26	7.11	28.26	10.97	42.56			10.97	42.56			14.27	54.20			18.26	67.56	21.95	79.22
8	200	219.1			6.35	33.31	7.04	36.81	8.18	42.55	8.18	42.55	12.70	64.64	10.31	53.08	12.70	64.64	15.09	75.92	18.26	90.44	20.62	100.92	23.01	111.27	22.22	107.88
10	250	273.0			6.35	41.75	7.80	51.01	9.27	60.29	9.27	60.29	12.70	81.52	12.70	81.52	15.09	95.97	18.26	114.70	21.44	133.00	25.40	155.09	28.58	172.33	25.40	155.09
12	300	323.9			6.35	49.71	8.38	65.18	9.53	73.78	10.31	79.70	12.70	97.43	14.27	108.92	17.48	132.04	21.44	159.86	25.40	186.91	28.58	208.00	33.32	238.68	25.40	186.91
14	350	355.6	6.35	54.69	7.92	67.90	9.53	81.25	9.53	81.25	11.13	94.55	12.70	107.39	15.09	126.71	19.05	158.10	23.83	194.96	27.79	224.65	31.75	253.56	35.71	281.70		
16	400	406.4	6.35	62.64	7.92	77.83	9.53	93.17	9.53	93.17	12.70	123.30	12.70	123.30	16.66	160.12	21.44	203.53	26.19	245.56	30.96	286.54	36.53	333.19	40.49	385.35		
18	450	457.2	6.35	70.60	7.92	87.75	11.13	122.43	9.53	105.10	14.27	155.87	12.70	139.20	19.05	205.83	23.83	254.67	29.36	309.76	34.92	363.64	39.67	408.45	45.24	459.59		
20	500	508.0	6.35	78.55	9.53	117.02	12.70	155.12	9.53	117.02	15.09	183.42	12.70	155.10	20.62	247.83	26.19	311.17	32.54	381.53	38.10	441.49	44.45	508.11	50.01	564.81		
22	550	558.8	6.35	86.50	9.53	129.01	12.70	171.01	9.53	129.01			12.70	171.01	22.23	294.25	28.58	373.83	34.93	451.52	41.28	527.02	47.63	600.63	53.98	672.26		
24	600	609.6	6.35	94.46	9.53	140.88	14.27	209.50	9.53	140.88	17.48	255.24	12.70	186.94	24.61	355.02	30.96	441.78	38.89	457.73	46.02	639.58	52.37	719.63	59.54	807.63		
26	650	660.4	7.92	127.43	12.70	202.85			9.53	152.80			12.70	202.85														
28	700	711.2	7.92	137.42	12.70	218.73	15.88	272.18	9.53	164.80			12.70	218.73														
30	750	762.0	7.92	147.36	12.70	234.64	15.88	292.06	9.53	176.73			12.70	234.64														
32	800	812.8	7.92	157.28	12.70	250.55	15.88	311.95	9.53	188.66	17.48	342.70	12.70	250.55														
34	850	863.6	7.92	167.20	12.70	266.46	15.88	331.83	9.53	200.59	17.48	364.58	12.70	266.46														
36	900	914.4	7.92	177.13	12.70	282.36	15.88	351.72	9.53	212.52	19.05	420.56	12.70	282.36														

- Non Schedule / standard sizes which are not covered above can be provided on request.
- Due to limitations in plant capabilities certain sizes and thickness can't be manufactured by every manufacturer. thus please request for budgetary quote before adopting in design.
- The above Data has been provided from ASTM, there shall be a difference in weight of upto 2 decimal points followed by different manufacturers.
- All the above information provided is true to the best of our knowledge, incase you find any errors do inform us to rectify