

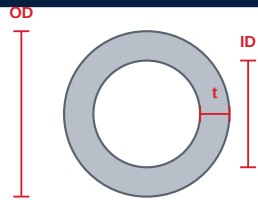
PIPE DIMENSIONS - ASME B36.19 / B36.10

THICKNESS & WEIGHT SHOWN TOGETHER FOR EACH SCHEDULE

Stainless Steel	ASME B36.10 Wrought Steel	DIMENSIONS mm	WEIGHT kg/m	MBM TUBES A4 Page 1/2
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WALL THICKNESS (mm) AND THEORETICAL WEIGHT (kg/m)														
NPS (inch)	DN (mm)	OD (mm)	SCH 5S		SCH 10S		SCH 10		SCH 40S		SCH 40		XS	
			THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)
1/8"	6	10.30	1.00	0.23	1.24	0.28	1.24	0.28	1.73	0.37	1.73	0.37	2.41	0.47
1/4"	8	13.70	1.20	0.37	1.65	0.49	1.65	0.49	2.24	0.64	2.24	0.64	3.02	0.80
3/8"	10	17.20	1.20	0.48	1.65	0.64	1.65	0.64	2.31	0.85	2.31	0.85	3.20	1.11
1/2"	15	21.30	1.65	0.80	2.11	1.00	2.11	1.00	2.77	1.27	2.77	1.27	3.73	1.63
3/4"	20	26.70	1.65	1.03	2.11	1.29	2.11	1.29	2.87	1.70	2.87	1.70	3.91	2.21
1"	25	33.40	1.65	1.30	2.77	2.11	2.77	2.11	3.38	2.52	3.38	2.52	4.55	3.26
1 1/4"	32	42.20	1.65	1.66	2.77	2.71	2.77	2.71	3.56	3.41	3.56	3.41	4.85	4.49
1 1/2"	40	48.30	1.65	1.91	2.77	3.13	2.77	3.13	3.68	4.07	3.68	4.07	5.08	5.45
2"	50	60.30	1.65	2.40	2.77	3.95	2.77	3.95	3.91	5.47	3.91	5.47	5.54	7.53
2 1/2"	65	73.03	2.11	3.71	3.05	5.30	3.05	5.30	5.16	8.69	5.16	8.69	7.01	11.48
3"	80	88.90	2.11	4.54	3.05	6.50	3.05	6.50	5.49	11.36	5.49	11.36	7.62	15.37
4"	100	114.30	2.11	5.87	3.05	8.42	3.05	8.42	6.02	16.17	6.02	16.17	8.56	22.46
5"	125	141.30	2.77	9.52	3.40	11.63	3.40	11.63	6.55	21.90	6.55	21.90	9.53	31.16
6"	150	168.30	2.77	11.38	3.40	13.91	3.40	13.91	7.11	28.43	7.11	28.43	10.97	42.82
8"	200	219.08	2.77	14.87	3.76	20.09	3.76	20.09	8.18	42.80	8.18	42.80	12.70	65.03
10"	250	273.05	3.40	22.75	4.19	27.95	4.19	27.95	9.27	60.67	9.27	60.67	12.70	82.03
12"	300	323.85	3.96	31.43	4.57	36.20	4.57	36.20	9.53	74.32	10.31	80.20	12.70	98.04
14"	350	355.60	3.96	34.55	4.78	41.60	6.35	55.02	11.13	95.12	11.13	95.12	12.70	108.04
16"	400	406.40	4.19	41.81	4.78	47.63	6.35	63.03	12.07	118.08	12.70	124.05	12.70	124.05
18"	450	457.20	4.19	47.09	4.78	53.65	6.35	71.03	14.27	156.81	14.27	156.81	12.70	140.06
20"	500	508.00	4.78	59.68	5.54	69.06	6.35	79.03	15.09	184.54	15.09	184.54	12.70	156.06
24"	600	609.60	5.54	83.03	6.35	95.04	6.35	95.04	17.48	256.79	17.48	256.79	12.70	188.08

PIPE DIMENSION EXPLAINED



OD = Outside Diameter
ID = Inside Diameter
t = Wall Thickness

All dimensions in mm.

FORMULAS

ID = OD - (2 x t)
t = (OD - ID) / 2
WT = (OD - t) x t x 0.02481

OD / ID / t in mm; WT in kg/m.

NOTES

- ASME B36.19 - stainless steel pipe.
- ASME B36.10 - wrought steel pipe.
- Weights are theoretical.
- Dash (-) = not defined in this table.

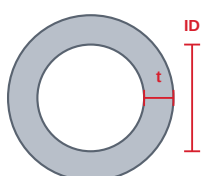
PIPE DIMENSIONS - ASME B36.19 / B36.10

THICKNESS & WEIGHT SHOWN TOGETHER FOR EACH SCHEDULE

Stainless Steel	ASME B36.10 Wrought Steel	DIMENSIONS mm	WEIGHT kg/m	MBM TUBES A4 Page 2/2
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WALL THICKNESS (mm) AND THEORETICAL WEIGHT (kg/m)															
NPS (inch)	DN (mm)	OD (mm)	SCH 80S		SCH 80		SCH 100		SCH 120		SCH 160S		XXS		
			THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	THK (mm)	WT (kg/m)	
1/8"	6	10.30	2.41	0.47	2.41	0.47	-	-	-	-	-	-	-	-	
1/4"	8	13.70	3.02	0.80	3.02	0.80	-	-	-	-	-	-	-	-	
3/8"	10	17.20	3.20	1.11	3.20	1.11	-	-	-	-	-	-	-	-	
1/2"	15	21.30	3.73	1.63	3.73	1.63	-	-	-	-	4.75	1.95	7.47	2.56	
3/4"	20	26.70	3.91	2.21	3.91	2.21	-	-	-	-	5.56	2.92	7.82	3.66	
1"	25	33.40	4.55	3.26	4.55	3.26	-	-	-	-	6.35	4.26	9.09	5.48	
1 1/4"	32	42.20	4.85	4.49	4.85	4.49	-	-	-	-	6.35	5.65	9.70	7.82	
1 1/2"	40	48.30	5.08	5.45	5.08	5.45	-	-	-	-	7.14	7.29	10.16	9.61	
2"	50	60.30	5.54	7.53	5.54	7.53	-	-	6.35	8.50	8.74	11.18	11.07	13.52	
2 1/2"	65	73.03	7.01	11.48	7.01	11.48	-	-	7.62	12.37	9.53	15.01	14.02	20.53	
3"	80	88.90	7.62	15.37	7.62	15.37	-	-	8.89	17.65	11.13	21.48	15.24	27.85	
4"	100	114.30	8.56	22.46	8.56	22.46	-	-	11.13	28.49	13.49	33.74	17.12	41.28	
5"	125	141.30	9.53	31.16	9.53	31.16	-	-	12.70	40.52	15.88	49.41	19.05	57.78	
6"	150	168.30	10.97	42.82	10.97	42.82	-	-	14.27	54.53	18.24	67.91	21.95	79.70	
8"	200	219.08	12.70	65.03	12.70	65.03	15.09	76.37	18.26	90.98	23.01	111.93	22.23	108.57	
10"	250	273.05	12.70	82.03	15.09	96.58	18.26	115.43	21.44	133.84	28.58	173.35	-	-	
12"	300	323.85	12.70	98.04	17.48	132.87	21.44	160.86	25.40	188.08	33.32	240.17	-	-	
14"	350	355.60	-	-	19.05	159.06	23.83	196.15	27.79	226.02	-	-	-	-	
16"	400	406.40	-	-	21.44	204.77	26.19	247.05	30.96	288.38	-	-	-	-	
18"	450	457.20	-	-	23.83	256.22	29.36	311.65	34.93	365.94	-	-	-	-	
20"	500	508.00	-	-	26.19	313.07	32.54	383.85	38.10	444.18	-	-	-	-	
24"	600	609.60	-	-	30.96	444.46	38.89	550.66	46.02	643.47	-	-	-	-	

OD



ID

t

OD = Outside Diameter

ID = Inside Diameter

t = Wall Thickness

All dimensions in mm.

$ID = OD - (2 \times t)$
 $t = (OD - ID) / 2$
 $WT = (OD - t) \times t \times 0.02481$

OD / ID / t in mm; WT in kg/m.

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