



# TECHNICAL DATA

10.34

## Nominal Dimensions of Pipe (ASTM A312M)

Nominal Pipe Size		Outside Diameter (mm)	Wall Thickness (mm)																
			Stainless Steel				Carbon Steel												
DN	NPS		Sch 5S	Sch 10S	Sch 40S	Sch 80S	Sch 10	Sch 20	Sch 30	Sch 40	STD	Sch 60	Sch 80	XS	Sch 100	Sch 120	Sch 140	Sch 160	XXS
6	1/8"	10.3	-	1.24	1.73	2.41	1.24	-	1.45	1.73	1.73	-	2.41	2.41	-	-	-	-	-
8	1/4"	13.7	-	1.65	2.24	3.02	1.65	-	1.85	2.24	2.24	-	3.02	3.02	-	-	-	-	-
10	3/8"	17.1	-	1.65	2.31	3.20	1.65	-	1.85	2.31	2.31	-	3.20	3.20	-	-	-	-	-
15	1/2"	21.3	1.65	2.11	2.77	3.73	2.11	-	2.41	2.77	2.77	-	3.73	3.73	-	-	-	4.78	7.47
20	3/4"	26.7	1.65	2.11	2.87	3.91	2.11	-	2.41	2.87	2.87	-	3.91	3.91	-	-	-	5.56	7.82
25	1"	33.4	1.65	2.77	3.38	4.55	2.77	-	2.90	3.38	3.38	-	4.55	4.55	-	-	-	6.35	9.09
32	1 1/4"	42.2	1.65	2.77	3.56	4.85	2.77	-	2.97	3.56	3.56	-	4.85	4.85	-	-	-	6.35	9.70
40	1 1/2"	48.3	1.65	2.77	3.68	5.08	2.77	-	3.18	3.68	3.65	-	5.08	5.08	-	-	-	7.14	10.15
50	2"	60.3	1.65	2.77	3.91	5.54	2.77	-	3.18	3.91	3.91	-	5.54	5.54	-	-	-	8.74	11.07
65	2 1/2"	73.0	2.11	3.05	5.16	7.01	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02
80	3"	88.9	2.11	3.05	5.49	7.62	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	15.24
90	3 1/2"	101.6	2.11	3.05	5.74	8.08	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-
100	4"	114.3	2.11	3.05	6.02	8.56	3.05	-	4.78	6.02	6.02	-	8.56	8.56	-	11.13	-	13.49	17.12
125	5"	141.3	2.77	3.40	6.55	9.53	3.40	-	-	6.55	6.55	-	9.53	9.53	-	12.70	-	15.88	19.05
150	6"	168.3	2.77	3.40	7.11	10.97	3.40	-	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.95
200	8"	219.1	2.77	3.76	8.18	12.70	3.76	6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23
250	10"	273.1	3.40	4.19	9.27	12.70	4.19	6.35	7.80	9.27	9.27	12.70	15.09	12.70	18.26	21.44	25.40	28.58	25.40
300	12"	323.9	3.96	4.57	9.53	12.70	4.57	6.35	8.38	10.31	9.53	14.27	17.48	12.70	21.44	25.40	28.58	33.32	25.40
350	14"	355.9	3.96	4.78	9.53	12.70	6.35	7.92	9.53	11.13	9.53	15.09	19.05	12.70	23.83	27.79	31.75	35.71	-
400	16"	406.4	4.19	4.78	9.53	12.70	6.35	7.92	9.53	12.70	9.53	16.66	21.44	12.70	26.19	30.96	36.53	40.49	-
450	18"	457	4.19	4.78	9.53	12.70	6.35	7.92	11.13	14.27	9.53	19.05	23.83	12.70	29.36	34.93	39.67	45.24	-
500	20"	508	4.78	5.54	9.53	12.70	6.35	9.53	12.70	15.09	9.53	20.62	26.19	12.70	32.54	38.10	44.45	50.01	-
550	22"	559	4.78	5.54	-	-	6.35	9.53	12.70	-	9.53	22.23	28.58	12.70	34.93	41.28	47.63	53.98	-
600	24"	610	5.54	6.35	9.53	12.70	6.35	9.53	14.27	17.48	9.53	24.61	30.96	12.70	38.89	46.02	52.37	59.54	-
650	26"	660	-	-	-	-	7.92	12.70	-	-	9.53	-	-	12.70	-	-	-	-	-
700	28"	711	-	-	-	-	7.92	12.70	15.88	-	9.53	-	-	12.70	-	-	-	-	-
750	30"	762	6.35	7.92	-	-	7.92	12.70	15.88	-	9.53	-	-	12.70	-	-	-	-	-

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