

# Piping Material Size Table \_ Carbon Steel Pipe

According to ANSI B36.10/B36.19M / ASTM A53/A106/API 5L Gr.B



Nominal Pipe Size		Outside Diameter	Nominal Thickness													Unit
DN	in	mm	SCH 10	SCH 20	SCH 30	STD	SCH 40	SCH 60	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS	
6	1/8	10.3				1.73	1.73		2.41	2.41						mm
																0.37
8	1/4	13.7				1.73	1.73		3.02	3.02						mm
																0.51
10	3/8	17.1				2.31	2.31		3.20	3.20						mm
																0.84
15	1/2	21.3				2.77	2.77		3.73	3.73				4.78	7.47	mm
																1.27
20	3/4	26.7				2.87	2.87		3.91	3.91				5.56	7.82	mm
																1.68
25	1	33.4				3.38	3.38		4.55	4.55				6.35	9.09	mm
																2.50
32	1-1/4	42.2				3.56	3.56		4.85	4.85				6.35	9.70	mm
																3.39
40	1-1/2	48.3				3.68	3.68		5.08	5.08				7.14	10.16	mm
																4.05
50	2	60.3				3.91	3.91		5.54	5.54				8.74	11.07	mm
																5.44
65	2-1/2	73				5.61	5.16		7.01	7.01				9.52	14.02	mm
																9.33
80	3	88.9				5.49	5.49		7.62	7.62				11.12	15.24	mm
																11.29
90	3-1/2	101.6				5.74	5.74		8.08	8.08						mm
																13.57
100	4	114.3				6.02	6.02		8.56	8.56		11.12		13.49	17.12	mm
																16.07
125	5	141.3				6.55	6.55		9.53	9.53		12.70		15.88	19.05	mm
																0.60
150	6	168.3				7.11	7.11		10.97	10.97		14.27		18.26	21.94	mm
																28.26

Nominal Pipe Size		Outside Diameter	Nominal Thickness													Unit
DN	in	mm	SCH 10	SCH 20	SCH 30	STD	SCH 40	SCH 60	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS	
200	8	219.1		6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.22	mm
				33.31	36.81	42.54	42.54	53.08	64.63	64.63	75.91	90.43	100.91	111.26	107.87	kg/M
250	10	273.1		6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40	mm
				41.76	51.02	60.30	60.30	81.54	81.54	95.99	114.73	133.03	155.12	172.30	155.12	kg/M
300	12	323.9		6.35	8.38	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40	mm
				49.72	65.19	73.87	79.72	108.94	97.45	132.06	159.89	186.94	208.10	238.72	186.94	kg/M
350	14	355.6	6.35	7.92	9.53	9.53	11.13	15.09	12.70	19.05	23.83	27.79	31.75	35.71		mm
			54.69	67.90	81.33	81.33	94.55	126.71	107.39	158.10	194.96	224.65	253.56	281.70		kg/M
400	16	406.4	6.35	7.92	9.53	9.53	12.70	16.66	12.70	21.44	26.19	30.96	36.52	40.49		mm
			62.64	77.83	93.27	93.27	123.30	160.12	123.30	203.53	245.56	286.64	333.11	365.36		kg/M
450	18	457.2	6.35	7.92	11.12	9.53	14.27	19.05	12.70	23.82	29.36	34.92	39.47	45.24		mm
			70.60	87.75	122.32	105.21	155.87	205.83	139.21	254.57	309.76	363.64	406.59	459.59		kg/M
500	20	508	6.35	9.53	12.70	9.53	15.09	20.62	12.70	26.19	32.54	38.10	44.45	50.01		mm
			78.55	117.15	155.12	117.15	183.42	247.83	155.12	311.17	381.53	441.49	508.11	564.81		kg/M
550	22	558.8	6.35	9.53	12.70	9.53		22.22	12.70	28.58	34.92	41.28	47.62	53.98		mm
			86.51	129.08	171.03	129.08		294.02	171.03	373.69	451.13	526.82	600.28	671.99		kg/M
600	24	609.6	6.35	9.53	14.27	9.53	17.48	24.61	12.70	30.96	38.89	46.02	52.37	59.54		mm
			94.46	141.02	209.50	141.02	255.24	355.02	186.94	441.78	547.33	639.58	719.63	807.63		kg/M
650	26	660.4	7.92	12.70		9.53			12.70							mm
			127.43	202.85		152.96			202.85							
700	28	711.2	7.92	12.70	15.88	9.53			12.70							mm
			137.36	218.76	272.29	164.90			218.76							
750	30	762	7.92	12.70	15.88	9.53			12.70							mm
			147.28	234.67	292.18	176.84			234.67							
800	32	812	7.92	12.70	15.88	9.53	17.48		12.70							mm
			157.04	250.33	311.76	188.59	342.48		250.33							

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