

## VALSTOM PIPE WALL THICKNESS

ASTM A312, A358, A778, A53, A106, API 5L

ASME/ANSI B36.19 B36.10

Dimensions in mm

Nominal Pipe Size Inches	Outside Diameter		Wall thickness: mm													Figures based on austenitic steel			
	in	mm	SCH 10	SCH 20	SCH 30	SCH STD	SCH 40	SCH 60	SCH XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	SCH XXS	SCH 5 S	SCH 10 S	SCH 40 S	SCH 80 S
1/8	0.405	10.29	1.24			1.73	1.73		2.41	2.41							1.24	1.73	2.41
1/4	0.540	13.72	1.65		1.85	2.24	2.24		3.02	3.02							1.65	2.24	3.02
3/8	0.675	17.15	1.65		1.85	2.31	2.31		3.2	3.2							1.65	2.31	3.2
1/2	0.840	21.34	2.11		2.41	2.77	2.77		3.73	3.73				4.78	7.47	1.65	2.11	2.77	3.73
3/4	1.050	26.67	2.11		2.41	2.87	2.87		3.91	3.91				5.56	7.82	1.65	2.11	2.87	3.91
1	1.315	33.40	2.77		2.90	3.38	3.38		4.55	4.55				6.35	9.09	1.65	2.77	3.38	4.55
1 1/4	1.660	42.16	2.77		2.97	3.56	3.56		4.85	4.85				6.35	9.7	1.65	2.77	3.56	4.85
1 1/2	1.900	48.26	2.77		3.18	3.68	3.68		5.08	5.08				7.14	10.15	1.65	2.77	3.68	5.08
2	2.375	60.33	2.77		3.18	3.91	3.91		5.54	5.54				8.74	11.07	1.65	2.77	3.91	5.54
2 1/2	2.875	73.03	3.05		4.78	5.16	5.16		7.01	7.01				9.35	14.02	2.11	3.05	5.16	7.01
3	3.500	88.90	3.05		4.78	5.49	5.49		7.62	7.62				11.13	15.24	2.11	3.05	5.49	7.62
3 1/2	4.000	101.60	3.05		4.78	5.74	5.74		8.08	8.08				-	-	2.11	3.05	5.74	8.08
4	4.500	114.30	3.05		4.78	6.02	6.02		8.56	8.56		11.13		13.49	17.12	2.11	3.05	6.02	8.56
5	5.563	141.30	3.4			6.55	6.55		9.53	9.53		12.7		15.88	19.05	2.77	3.40	6.55	9.53
6	6.625	168.28	3.4			7.11	7.11		10.97	10.97		14.27		18.26	21.95	2.77	3.40	7.11	10.97
8	8.625	219.08	3.76	6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23	2.77	3.76	8.18	12.7
10	10.750	273.05	4.19	6.35	7.80	9.27	9.27	12.7	12.7	15.09	18.26	21.44	25.4	28.58	25.4	3.4	4.19	9.27	12.7
12	12.750	323.85	4.57	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.4	28.58	33.32	25.4	3.96	4.57	9.52	12.7
14	14.000	355.60	6.35	7.92	9.53	9.53	11.13	15.09	12.7	19.05	23.83	27.79	31.75	35.71	35.71	3.96	4.78		
16	16.000	406.40	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.49	40.49	4.19	4.78		
18	18.000	457.20	6.35	7.92	11.13	9.53	14.27	19.05	12.7	23.88	29.36	34.93	39.67	45.24	45.24	4.19	7.78		
20	20.000	508.00	6.35	9.53	12.7	9.53	15.09	20.62	12.7	26.19	32.54	38.1	44.45	50.01	50.01	4.78	5.54		
22	22.000	558.80	6.35	9.53	12.7	9.53	-	22.23	12.7	28.58	34.93	41.28	47.63	53.98	53.97	4.78	5.54		
24	24.000	609.60	6.35	9.53	14.27	9.53	17.48	24.61	12.7	30.96	38.89	46.02	52.37	59.54	59.54	5.54	6.35		
26	26.000	660.00	6.35	12.7	-	9.53	-		12.7										
28	28.000	711.20	6.35	12.7	15.88	9.53	-		12.7										
30	30.000	762.00	6.35	12.7	15.88	9.53	-		12.7							6.35	7.92		
32	32.000	812.80	6.35	12.7	15.88	9.53	17.48		12.7										
34	34.000	863.60	6.35	12.7	15.88	9.53	17.48		12.7										
36	36.000	914.40	6.35	12.7	15.88	9.53	19.05		12.7										
38	38.000	965.20				9.53			12.7										
40	40.000	1016.00				9.53			12.7										
42	42.000	1066.80				9.53			12.7										
44	44.000	1117.60				9.53			12.7										
46	46.000	1168.40				9.53			12.7										
48	48.000	1219.20				9.53			12.7										
52	52.000	1321.00				9.53			12.7										
56	56.000	1422.00				9.53			12.7										
60	60.000	1524.00				9.53			12.7										
72	72.000	1829.00				9.53			12.7										

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