

SI- UNITS (METRIC) ANSI Pipe Schedule



NP INCHES	OD MM	Austenitic Steel														Vol / m ³			
		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S		10S		
1/8	10.30			W.Thick Weight → 1.73 0.37	1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47								1.24 0.28	0.0001	
1/4	13.70				2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80								1.65 0.51	0.0001	
3/8	17.10				2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10								1.65 0.64	0.0003	
1/2	21.30				2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62				4.78 1.95	7.47 2.55	1.65 0.82	2.11 1.01		0.0004	
3/4	26.70				2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20				5.56 2.90	7.82 3.64	1.65 1.04	2.11 1.31		0.0007	
1	33.40				3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24				6.35 4.24	9.09 5.45	1.65 1.33	2.77 2.13		0.0011	
1 1/4	42.20				3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47				6.35 5.61	9.70 7.77	1.65 1.68	2.77 2.76		0.0018	
1 1/2	48.30				3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41				7.14 7.25	10.15 9.56	1.65 1.95	2.77 3.17		0.0023	
2	60.30				3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48				8.74 11.11	11.07 13.44	1.65 2.44	2.77 4.01		0.0036	
2 1/2	73.00				5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41				9.53 14.92	14.02 20.39	2.11 3.77	3.05 5.36		0.0053	
3	88.90				5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27				11.13 21.35	15.24 27.68	2.11 4.60	3.05 6.59		0.0079	
3 1/2	101.60				5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63				-	-	2.11 5.29	3.05 7.55		0.0103	
4	114.30				6.02 16.07	6.02 16.07		8.56 22.32	8.56 22.32		11.13 28.32		13.49 33.54	17.12 41.03	2.11 5.96	3.05 8.52		0.0130	
5	141.30				6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97		12.70 40.28		15.88 49.11	19.05 57.43	2.77 9.67	3.40 11.82		0.0199	
6	168.30				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	2.77 11.55	3.40 14.13		0.0280	
8	219.10		6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	10.31 53.08	12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92	2.77 15.09	3.76 20.37		0.0480	
10	273.10		6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	12.70 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15	3.40 23.08	4.19 28.34		0.0740	
12	323.90		6.35 49.73	8.38 65.20	9.53 73.88	10.31 79.73	14.27 108.96	12.70 97.46	17.48 132.08	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97	3.96 31.89	4.57 36.73		0.1040	
14	355.60	6.35 54.69	7.92 67.90	9.53 81.33	9.53 81.33	11.13 94.55	15.09 126.71	12.70 107.39	19.05 158.10	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70		3.96 35.06	4.78 42.14		0.1260	
16	406.40	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.30	16.66 160.12	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35		4.19 42.41	4.78 48.26		0.1650	
18	457.00	6.35 70.57	7.92 87.71	11.13 122.38	9.53 105.16	14.27 155.80	19.05 205.74	12.70 139.15	23.88 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37		4.19 47.77	7.78 60.46		0.2080	
20	508.00	6.35 78.55	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.70 155.12	26.19 311.17	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81		4.78 60.46	5.54 70.00		0.2580	
22	559.00	6.35 86.54	9.53 129.13	12.70 171.09	9.53 129.13	-	22.23 294.25	12.70 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26		4.78 66.57	5.54 77.06		0.3120	
24	610.00	6.35 94.53	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	24.61 355.26	12.70 187.06	30.96 442.08	38.39 547.71	46.02 640.03	52.37 720.15	59.54 808.22		5.54 84.16	6.35 96.37		0.3720	
26	660.00	7.92 127.36	12.70 202.72	-	9.53 152.87	-	-	12.70 202.72	-	-	-	-	-		-	-		0.4350	
28	711.00	7.92 137.32	12.70 218.69	15.88 271.21	9.53 164.85	-	-	12.70 218.69	-	-	-	-	-		-	-		0.5050	
30	762.00	7.92 147.28	12.70 234.67	15.88 292.18	9.53 176.84	-	-	12.70 234.67	-	-	-	-	-		6.35 120.72	7.92 150.36		0.5800	
32	813.00	7.92 157.24	12.70 250.64	15.88 312.15	9.53 188.82	17.48 342.91	-	12.70 250.64	-	-	-	-	-		-	-		0.6600	
34	864.00	7.92 167.20	12.70 266.61	15.88 332.12	9.53 200.31	17.48 364.90	-	12.70 266.61	-	-	-	-	-		-	-		0.7460	
36	914.00	7.92 176.96	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42	-	12.70 282.27	-	-	-	-	-		-	-		0.8350	
38	965.00				9.53 224.54			12.70 298.24											0.9310
40	1016.00				9.53 236.53			12.70 314.22											1.0320
42	1067.00				9.53 248.52			12.70 330.19											1.1380
44	1118.00				9.53 260.50			12.70 346.16											1.2490
46	1168.00				9.53 272.25			12.70 351.82											1.3640
48	1219.00				9.53 284.24			12.70 377.79											1.4850

NP = NOMINAL PIPE SIZE

WALL THICKNESS = MM

WEIGHT = KG/METRE