



# STEEL PIPES & FITTINGS

(PTY) LTD

*Your One Stop Steel Tubing and Hardware Shop*

## PIPE SCHEDULE TABLE

PIPE SCHEDULE																			
Normal pipe size mm	Outside Diameter mm	10	20	30	STD	"40"	60	XS	80	100	120	140	160	XXS	5S	10S	40S	80S	Vol/m <sup>3</sup>
6	10.30				1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47							1.24 0.28	1.73 0.36	2.41 0.48	0.0001
8	13.70				2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80							1.65 0.51	2.24 0.64	3.02 0.82	0.0002
10	17.10				2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10							1.65 0.64	2.31 0.86	3.20 1.12	0.0003
15	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	2.77 1.30	3.73 1.65	0.0004
20	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	2.87 1.71	3.91 2.24	0.0007
25	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	3.38 2.55	4.55 3.29	0.0011
32	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	3.56 3.46	4.85 4.56	0.0018
40	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	3.68 4.13	5.08 5.51	0.0023
50	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	3.91 5.54	5.54 7.63	0.0036
65	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	5.16 8.81	7.01 11.64	0.0053
80	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 8.52	5.49 11.52	7.62 15.59	0.0079
90	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	5.74 13.84	8.08 19.01	0.0103
100	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	6.02 16.40	8.56 22.77	0.0130
125	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	6.55 22.50	9.53 31.59	0.0199
150	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	7.11 28.83	10.97 43.42	0.028
200	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	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	8.18 43.39	12.70 65.95	15.09 75.95	0.048	
10	273.10	6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	15.09 81.55	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15	3.40 172.33	4.19 23.08	9.27 28.34	12.70 61.52	15.09 83.19	0.074	
12	323.90	6.35 49.73	8.38 65.20	9.53 73.88	9.53 73.88	10.31 108.96	12.70 97.46	15.09 132.08	18.26 148.97	21.44 186.97	25.40 208.14	28.58 238.76	3.40 238.76	4.19 186.97	9.53 31.89	12.70 36.73	15.09 75.32	0.104	
14	355.60	6.35 54.69	7.92 67.90	9.53 81.33	9.53 81.33	11.13 94.55	12.70 107.39	15.09 168.10	18.26 194.96	21.44 224.65	26.19 253.56	30.96 408.26	36.53 281.70	40.49 281.70	4.19 35.06	4.78 42.14	15.09 83.19	0.126	
16	406.40	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.30	15.09 160.12	18.26 203.53	21.44 245.56	26.19 286.64	30.96 333.19	36.53 408.26	40.49 365.35	40.49 365.35	4.19 42.41	4.78 48.26	15.09 83.19	0.165	
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	23.88 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37	47.77 459.37	4.19 47.77	4.78 54.36	15.09 83.19	0.208		
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	26.19 311.17	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81	50.01 564.81	4.78 60.46	5.54 70.00	15.09 83.19	0.258		
22	559.00	6.35 86.54	6.35 86.54	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	15.09 83.19	0.312		
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	30.96 402.08	38.89 547.71	46.02 640.03	52.37 720.15	59.54 808.22	59.54 808.22	5.54 84.16	6.35 96.37	15.09 83.19	0.372		
26	660.00	7.92 127.36	12.70 202.72	-	9.53 152.87	-	-	12.70 202.72	-	-	-	-	-	-	-	-	-	-	0.435
28	711.00	7.92 137.32	12.70 218.69	15.88 271.21	9.53 164.85	-	-	12.70 218.69	-	-	-	-	-	-	-	-	-	-	0.505
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	-	-	0.580
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	-	-	-	-	-	-	-	-	-	-	0.660
34	864.00	7.92 167.20	12.70 266.61	15.88 332.12	9.53 200.81	17.48 364.90	-	12.70 266.61	-	-	-	-	-	-	-	-	-	-	0.746
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	-	-	-	-	-	-	-	-	-	-	0.835
38	965.00	-	-	-	9.53 224.54	-	-	12.70 298.24	-	-	-	-	-	-	-	-	-	-	0.931
40	1016.00	-	-	-	9.53 236.53	-	-	12.70 314.22	-	-	-	-	-	-	-	-	-	-	1.032
42	1067.00	-	-	-	9.53 248.52	-	-	12.70 330.19	-	-	-	-	-	-	-	-	-	-	1.138
44	1118.00	-	-	-	9.53 260.50	-	-	12.70 349.16	-	-	-	-	-	-	-	-	-	-	1.249
46	1168.00	-	-	-	9.53 272.25	-	-	12.70 351.82	-	-	-	-	-	-	-	-	-	-	1.364
48	1219.00	-	-	-	9.53 284.24	-	-	12.70 377.79	-	-	-	-	-	-	-	-	-	-	1.485

Wall Thickness = mm

Weight = kg/m