

Pipe Schedule and Typical Weld details



DATA APPLICATION SHEET

Pipe Size	OD	5	10	20	30	40	STD	60	80	EH	100	120	140	160	DBLE FH
<i>Inches</i>	<i>wall thickness given in millimeters, followed by inches</i>														
<i>Metric</i>															
1/8"	0.405	0.035	0.049			0.068	0.068		0.095	0.095					
3.13 mm	10.29	0.89	1.24			1.73	1.73		2.41	2.41					
0.25"	0.540	0.049	0.065			0.088	0.088		0.119	0.119					
6 mm	13.72	1.25	1.65			2.24	2.24		3.02	3.02					
3/8"	0.675	0.049	0.065			0.091	0.091		0.126	0.126					
9.39 mm	17.15	1.24	1.65			2.31	2.31		3.20	3.20					
0.5"	0.840	0.065	0.083			0.109	0.109		0.147	0.147				0.187	0.294
13 mm	21.34	1.65	2.11			2.77	2.77		3.73	3.73				4.75	7.47
0.75"	1.050	0.065	0.083			0.113	0.113		0.154	0.154				0.218	0.308
19 mm	26.67	1.65	2.11			2.87	2.87		3.91	3.91				5.54	7.82
1"	1.315	0.065	0.109			0.133	0.133		0.179	0.179				0.250	0.358
25 mm	33.40	1.65	2.77			3.38	3.38		4.55	4.55				6.35	9.09
1.25"	1.660	0.065	0.109			0.140	0.140		0.191	0.191				0.250	0.382
32 mm	42.16	1.65	2.77			3.56	3.56		4.85	4.85				6.35	9.70
1.5"	1.900	0.065	0.109			0.145	0.145		0.200	0.200				0.281	0.400
38 mm	48.26	1.65	2.77			3.68	3.68		5.08	5.08				7.14	10.16
2"	2.375	0.065	0.109			0.154	0.154		0.218	0.218				0.343	0.436
51 mm	60.33	1.65	2.77			3.91	3.91		5.54	5.54				8.71	11.07
2.5"	2.875	0.083	0.120			0.203	0.203		0.276	0.276				0.375	0.552
64 mm	73.02	2.11	3.05			5.16	5.16		7.01	7.01				9.53	14.02
3"	3.5	0.083	0.120			0.216	0.216		0.300	0.300				0.438	0.600
76 mm	88.90	2.11	3.05			5.49	5.49		7.62	7.62				11.13	15.24
3.5"	4.0	0.083	0.120			0.226	0.226		0.318	0.318					0.636
90 mm	101.6	2.11	3.05			5.74	5.74		8.08	8.08					16.15
4"	4.5	0.83	0.120			0.237	0.237	0.281	0.337	0.337		0.438		0.531	0.674
102 mm	114.30	2.11	3.05			6.02	6.02	7.14	8.56	8.56		11.13		13.49	17.12
5"	5.563	0.109	0.134			0.258	0.258		0.375	0.375		0.500		0.625	0.750
127 mm	141.30	2.77	3.40			6.55	6.55		9.53	9.53		12.70		15.88	19.05
6"	6.625	0.109	0.134			0.280	0.280		0.432	0.432		0.562		0.719	0.864
152 mm	168.28	2.77	3.40			7.11	7.11		10.97	10.97		14.27		18.26	21.95
8"	8.625	0.109	0.148	0.250	0.277	0.322	0.322	0.406	0.500	0.500	0.594	0.719	0.812	0.906	0.875
203 mm	219.08	2.77	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
10"	10.75	0.134	0.165	0.250	0.307	0.365	0.365	0.500	0.594	0.500	0.719	0.844	1.000	1.125	
254 mm	273.05	3.04	4.19	6.35	7.80	9.27	12.70	15.09	19.05	12.70	21.44	25.40	28.58	33.32	

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<i>Inches</i>		<i>wall thickness given in millimeters, followed by inches</i>													
<i>Metric</i>															
12"	12.75	0.165	0.180	0.250	0.330	0.406	0.375	0.562	0.688	0.500	0.844	1.000	1.125	1.312	
305 mm	323.85	4.19	4.57	6.35	8.38	10.31	9.53	14.27	17.48	12.70	21.44	25.40	28.58	33.32	
14"	14.00		0.25	0.312	0.375	0.437	0.375	0.594	0.750	0.500	0.938	1.094	1.250	1.406	
356 mm	355.60		6.35	7.92	9.53	11.10	9.53	15.09	19.05	12.70	23.83	27.79	31.75	35.71	
16"	16.00		0.250	0.312	0.375	0.500	0.375	0.656	0.844	0.500	1.031	1.219	1.438	1.593	
406 mm	406.40		6.35	7.92	9.53	12.70	9.53	16.66	21.44	12.70	26.19	30.96	36.53	40.46	
18"	18.00		0.250	0.312	0.437	0.562	0.375	0.750	0.938	0.500	1.156	1.375	1.562	1.781	
457 mm	457.20		6.35	7.92	11.10	14.27	9.53	19.05	23.83	12.70	29.36	34.93	39.67	45.24	
20"	20.00		0.250	0.375	0.500	0.594	0.375	0.812	1.031	0.500	1.281	1.500	1.750	1.968	
508 mm	508.00		6.35	9.53	12.70	15.09	9.53	20.62	26.19	12.70	32.54	38.10	44.45	49.99	22.23
22"	20.00		0.250	0.375	0.500	0.687	0.375	0.875	1.125	0.500	1.357	1.625	1.875	2.125	
559 mm	588.80		6.35	9.53	14.27	17.45	9.53	22.23	28.58	12.70	34.47	41.28	47.63	53.98	
24"	24.00		0.250	0.375	0.562	0.687	0.375	0.969	1.219	0.500	1.531	1.812	2.062	2.343	
610 mm	609.60		6.35	9.53	14.29	17.45	9.53	24.61	30.96	12.70	38.89	46.02	52.37	59.51	
26"	26.00		0.312				0.375			0.500					
660 mm	660.40		7.92				9.53			12.70					
28"	28.00		0.312	0.500	0.625		0.375			0.500					
711 mm	711.20		7.92	12.70	15.88		9.53			12.70					
30"	30.00		0.312		0.625		0.375			0.500					
762 mm	762.00		7.92		15.88		9.53			12.70					
32"	32.00		0.312	0.500	0.625	0.688	0.375			0.500					
813 mm	812.80		7.92	12.70	15.88	17.48	9.53			12.70					
34"	34.00		0.312		0.625	0.688	0.375			0.500					
864 mm	863.60		7.92		15.88	17.48	9.53			12.70					
36"	36.00		0.312		0.625	0.688	0.375			0.500					
914 mm	914.40		7.92		15.88	17.48	9.53			12.70					
42"	42.00		0.312		0.625	0.688	0.375			0.500					
1,067 mm	1066.80				15.88	17.48	9.53			12.70					
46"	46.00						0.375			0.500					
1,168 mm	1,168.40						9.53			12.70					
48"	48.00						0.375			0.500					
1,219 mm	1,219.20						9.53			12.70					

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