



PIPE CHART



Size	OD mm	OD inch	DN	5s	5	10s	10	20	30	STD 40s	40	60	XS 80s	80	100	120	140	160	XXS	
1/8	10.29	0.41	6							0.068 1.73 0.36			0.095 2.41 0.46							
1/4	13.72	0.54	8							0.088 2.24 0.63			0.119 3.02 0.80							
3/8	17.15	0.68	10							0.091 2.31 0.85			0.126 3.20 1.10							
1/2	21.34	0.84	15	0.065 1.65 0.80	0.065 1.65 0.80	0.083 2.11 1.00	0.083 2.11 1.00			0.109 2.77 1.27			0.147 3.73 1.62					0.188 4.78 1.95	0.294 7.47 2.55	
3/4	26.67	1.05	20	0.065 1.65 1.02	0.065 1.65 1.02	0.083 2.11 1.28	0.083 2.11 1.28			0.113 2.87 1.68			0.154 3.91 2.19					0.219 5.56 2.89	0.308 7.82 3.63	
1	33.40	1.32	25	0.065 1.65 1.29	0.065 1.65 1.29	0.109 2.77 2.09	0.109 2.77 2.09			0.133 3.38 2.5			0.179 4.55 3.23					0.250 6.35 4.23	0.358 9.09 5.45	
1 1/4	42.16	1.66	32	0.065 1.65 1.65	0.065 1.65 1.65	0.109 2.77 2.70	0.109 2.77 2.70			0.140 3.56 3.38			0.191 4.85 4.47					0.250 6.35 5.60	0.382 9.70 7.76	
1 1/2	48.26	1.90	40	0.065 1.65 1.90	0.065 1.65 1.90	0.109 2.77 3.10	0.109 2.77 3.10			0.145 3.68 4.05			0.200 5.08 5.41					0.281 7.14 7.24	0.400 10.16 9.55	
2	60.33	2.38	50	0.065 1.65 2.39	0.065 1.65 2.39	0.109 2.77 3.93	0.109 2.77 3.93			0.154 3.91 5.44			0.218 5.54 7.48					0.344 8.74 11.11	0.436 11.07 13.45	
2 1/2	73.03	2.88	65	0.083 2.11 3.68	0.083 2.11 3.68	0.120 3.05 5.26	0.120 3.05 5.26			0.203 5.16 8.62			0.276 7.01 11.41					0.375 9.53 14.91	0.552 14.02 20.39	
3	88.90	3.50	80	0.083 2.11 4.51	0.083 2.11 4.51	0.120 3.05 6.46	0.120 3.05 6.46			0.216 5.49 11.29			0.300 7.62 15.27					0.438 11.13 21.33	0.600 15.24 27.67	
3 1/2	101.60	4.00	90	0.083 2.11 5.17	0.083 2.11 5.17	0.120 3.05 7.41	0.120 3.05 7.41			0.226 5.74 13.57			0.318 8.08 18.62					0.636 16.15 34.03		
4	114.30	4.50	100	0.083 2.11 5.84	0.083 2.11 5.84	0.120 3.05 8.37	0.120 3.05 8.37			0.237 6.02 16.07			0.337 8.56 22.31		0.438 11.13 28.30			0.531 13.49 33.53	0.674 17.12 41.02	
5	141.30	5.56	125	0.109 2.77 9.46	0.109 2.77 9.46	0.134 3.40 11.56	0.134 3.40 11.56			0.258 6.55 21.78			0.375 9.53 30.95		0.500 12.70 40.28			0.652 15.88 49.09	0.750 19.05 57.42	
6	168.28	6.63	150	0.109 2.77 11.31	0.109 2.77 11.31	0.134 3.40 13.82	0.134 3.40 13.82			0.28 7.11 28.26			0.432 10.97 42.56		0.562 14.27 54.20			0.719 18.26 67.55	0.864 21.95 79.18	
8	219.08	8.63	200	0.109 2.77 14.71	0.109 2.77 14.71	0.148 3.76 19.96	0.148 3.76 19.96	0.250 6.35 33.31	0.277 7.04 36.79	0.322 8.18 42.53		0.406 10.31 53.09	0.500 12.70 64.63		0.594 15.09 75.89	0.719 18.26 90.43	0.812 20.62 100.93	0.906 23.01 111.25	0.875 22.23 107.87	
10	273.05	10.75	250	0.134 3.40 22.61	0.134 3.40 22.61	0.165 4.19 27.78	0.165 4.19 27.78	0.250 6.35 41.77	0.307 7.80 51.00	0.365 9.27 60.29		0.500 12.70 81.54	0.594 15.09 81.540	0.719 18.26 95.97	0.844 21.44 114.74	0.944 25.40 133.00	1.000 28.58 155.10	1.125 30.40 172.25	1.000 25.40 155.10	
12	323.85	12.75	300	0.156 3.96 31.24	0.165 4.19 33.03	0.180 4.57 35.98	0.180 4.57 35.98	0.250 6.35 49.72	0.330 8.38 65.20	0.375 9.53 73.82	0.406 10.31 79.72	0.562 14.27 108.96	0.688 17.48 97.440	0.844 21.44 132.01	0.938 24.50 159.85	1.094 28.50 186.92	1.250 32.50 208.04	1.312 33.32 238.72	1.000 25.40 186.92	
14	355.60	14.00	350	0.156 3.96 34.34	0.180 4.57 41.35	0.250 6.35 54.68	0.250 6.35 54.68	0.312 7.92 67.94	0.375 9.53 81.28	0.438 11.13 81.28	0.594 15.09 126.68	0.750 19.05 158.08	0.938 24.50 194.90	1.094 28.50 224.60	1.250 32.50 253.53	1.438 36.53 281.68	1.594 40.49 333.11	1.594 40.49 365.30		
16	406.40	16.00	400	0.156 3.96 41.56	0.180 4.57 47.34	0.250 6.35 62.63	0.250 6.35 62.63	0.312 7.92 77.86	0.375 9.53 93.21	0.438 11.13 93.21	0.594 15.09 123.29	0.750 19.05 160.12	0.938 24.50 203.48	1.094 28.50 245.50	1.250 32.50 286.62	1.438 36.53 333.11	1.594 40.49 365.30			
18	457.20	18.00	450	0.165 4.19 46.81	0.180 4.57 53.33	0.250 6.35 70.59	0.250 6.35 70.59	0.312 7.92 87.79	0.375 9.53 105.14	0.438 11.13 105.14	0.594 15.09 155.91	0.750 19.05 205.80	0.938 24.50 139.19	1.094 28.50 254.49	1.250 32.50 363.65	1.438 36.53 408.45	1.594 40.49 459.51			
20	508.00	20.00	500	0.188 4.78 59.32	0.218 5.54 68.64	0.250 6.35 78.54	0.250 6.35 78.54	0.312 7.92 117.07	0.375 9.53 155.10	0.438 11.13 117.07	0.594 15.09 183.37	0.750 19.05 247.85	0.938 24.50 155.10	1.094 28.50 311.18	1.250 32.50 381.53	1.438 36.53 441.59	1.594 40.49 508.11	1.594 40.49 564.61		
22	558.80	22.00	550	0.188 4.78 65.31	0.218 5.54 75.58	0.250 6.35 86.50	0.250 6.35 86.50	0.312 7.92 129.01	0.375 9.53 171.01	0.438 11.13 129.01	0.594 15.09 212.52	0.750 19.05 294.14	0.938 24.50 171.01	1.094 28.50 373.57	1.250 32.50 451.13	1.438 36.53 526.70	1.594 40.49 600.28	1.594 40.49 671.88		
24	609.60	24.00	600	0.218 5.54 82.53	0.250 6.35 94.45	0.250 6.35 94.45	0.250 6.35 94.45	0.312 7.92 140.94	0.375 9.53 209.54	0.438 11.13 140.94	0.594 15.09 255.14	0.750 19.05 355.02	0.938 24.50 186.92	1.094 28.50 441.51	1.250 32.50 547.33	1.438 36.53 639.58	1.594 40.49 719.63	1.594 40.49 807.27		
26	660.40	26.00	650			0.312 7.92 127.50	0.312 7.92 127.50	0.500 12.70 202.83	0.500 12.70 202.83	0.688 17.48 152.87			0.500 12.70 202.83							
28	711.20	28.00	700			0.312 7.92 137.42	0.312 7.92 137.42	0.500 12.70 218.73	0.625 15.88 272.18	0.688 17.48 164.80			0.500 12.70 218.73							
30	762.00	30.00	750	0.250 6.35 118.31		0.312 7.92 147.36	0.312 7.92 147.36	0.500 12.70 234.64	0.625 15.88 292.06	0.688 17.48 176.73			0.500 12.70 234.64							
32	812.80	32.00	800			0.312 7.92 157.28	0.312 7.92 157.28	0.500 12.70 250.55	0.625 15.88 311.95	0.688 17.48 188.66	0.688 17.48 342.70		0.500 12.70 250.55							
34	863.80	34.00	850			0.312 7.92 167.20	0.312 7.92 167.20	0.500 12.70 266.46	0.625 15.88 331.83	0.688 17.48 200.59	0.688 17.48 364.58		0.500 12.70 266.46							
36	914.40	36.00	900			0.312 7.92 177.13	0.312 7.92 177.13	0.500 12.70 282.36	0.625 15.88 351.72	0.688 17.48 212.52	0.688 17.48 420.56		0.500 12.70 282.36							

wall thickness in inches
 wall thickness in mm
 weight in kg/meter