

TECHNICAL DATA



PVC Plastic Pipe Data SCHEDULE 40 & 80

Pipe Size	Schedule No.	O.D.		Wall Thickness		Weight			
						Water		Pipe	
						lbs/ft	kg/m	lbs/ft	kg/m
1/8 (3)	40	.405	(10.3)	.068 (1.73)	.025 (.037)	.043 (.064)			
	80			.095 (2.41)	.016 (.024)	.055 (.082)			
1/4 (6)	40	.540	(13.7)	.088 (2.24)	.045 (.067)	.074 (.110)			
	80			.119 (3.02)	.031 (.046)	.094 (.140)			
3/8 (10)	40	.675	(17.15)	.091 (2.31)	.083 (.124)	.100 (.149)			
	80			.126 (3.20)	.061 (.091)	.129 (.192)			
1/2 (15)	40	.840	(21.34)	.109 (2.77)	.132 (.196)	.150 (.223)			
	80			.147 (3.73)	.101 (.150)	.200 (.298)			
3/4 (20)	40	1.050	(26.67)	.113 (2.87)	.230 (.342)	.199 (.296)			
	80			.154 (3.91)	.186 (.277)	.259 (.385)			
1 (25)	40	1.315	(33.40)	.133 (3.38)	.374 (.557)	.295 (.439)			
	80			.179 (4.55)	.311 (.463)	.382 (.568)			
1 1/4 (32)	40	1.660	(42.16)	.140 (3.56)	.647 (.963)	.400 (.595)			
	80			.191 (4.85)	.555 (.826)	.527 (.784)			
1 1/2 (40)	40	1.900	(48.26)	.145 (3.68)	.882 (1.313)	.479 (.713)			
	80			.200 (5.08)	.765 (1.138)	.639 (.951)			
2 (50)	40	2.375	(60.33)	.154 (3.91)	1.452 (2.161)	.643 (.957)			
	80			.218 (5.54)	1.279 (1.903)	.884 (1.316)			

Pipe Size	Schedule No.	O.D.		Wall Thickness		Weight			
						Water		Pipe	
						lbs/ft	kg/m	lbs/ft	kg/m
2 1/2 (65)	40	2.875	(73.03)	.203 (5.16)	2.072 (3.08)	1.020 (1.518)			
	80			.276 (7.01)	1.834 (2.73)	1.350 (2.009)			
3 (80)	40	3.500	(88.9)	.216 (5.49)	3.20 (4.76)	1.333 (1.984)			
	80			.300 (7.62)	2.86 (4.26)	1.804 (2.685)			
3 1/2 (90)	40	4.000	(101.6)	.226 (5.74)	4.28 (6.37)	1.598 (2.378)			
	80			.318 (8.08)	3.85 (5.73)	2.195 (3.267)			
4 (100)	40	4.500	(114.3)	.237 (6.02)	5.51 (8.20)	1.899 (2.826)			
	80			.337 (8.56)	4.98 (7.41)	2.636 (3.923)			
5 (125)	40	5.563	(141.30)	.258 (6.55)	8.66 (12.89)	2.770 (4.122)			
	80			.375 (9.53)	7.87 (11.71)	4.126 (6.140)			
6 (150)	40	6.625	(168.28)	.280 (7.11)	12.51 (18.62)	3.339 (4.969)			
	80			.432 (10.97)	11.92 (17.74)	5.028 (7.482)			
8 (200)	40	8.625	(219.08)	.322 (8.18)	21.60 (32.14)	5.280 (7.858)			
	80			.500 (12.70)	19.80 (29.47)	8.023 (11.940)			
10 (250)	40	10.75	(273.05)	.365 (9.27)	34.10 (50.75)	7.505 (11.169)			
	80			.593 (15.06)	31.10 (46.28)	11.894 (17.700)			
12 (300)	40	12.75	(323.85)	.406 (10.31)	48.50 (72.18)	10.023 (14.916)			
	80			.687 (17.45)	44.00 (65.48)	16.365 (24.354)			

Spacing of Hangers For PVC Plastic Pipe

Schedule 40 Pipe Size	Support Spacing																			
	Temperature																			
	20°F	(-6.6°C)	40°F	(4.4°C)	60°F	(15.6°C)	80°F	(26.7°C)	100°F	(37.8°C)	110°F	(43.3°C)	120°F	(48.9°C)	130°F	(54.4°C)	140°F	(60°C)	150°F	(65.6°C)
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
1/2 - 3/4 (15-20)	5.00	(1.52)	4.75	(1.45)	4.50	(1.37)	4.25	(1.30)	4.00	(1.22)	3.75	(1.14)	3.33	(1.01)	3.00	(.91)	2.66	(.81)	2.00	(.61)
1 - 1 1/4 (25-32)	5.50	(1.68)	5.25	(1.60)	5.00	(1.52)	4.66	(1.42)	4.33	(1.32)	4.00	(1.22)	3.75	(1.14)	3.33	(1.01)	2.80	(.85)	2.25	(.69)
1 1/2 - 2 (40-50)	5.80	(1.77)	5.50	(1.68)	5.25	(1.60)	5.00	(1.52)	4.66	(1.42)	4.33	(1.32)	3.80	(1.16)	3.50	(1.07)	3.00	(.91)	2.50	(.76)
2 1/2 (65)	6.66	(2.03)	6.33	(1.93)	6.00	(1.83)	5.50	(1.68)	5.25	(1.60)	4.80	(1.46)	4.50	(1.37)	4.00	(1.22)	3.50	(1.07)	2.80	(.85)
3 (80)	6.80	(2.07)	6.50	(1.98)	6.25	(1.91)	5.80	(1.77)	5.50	(1.68)	5.25	(1.60)	4.75	(1.45)	4.25	(1.30)	3.66	(1.12)	3.00	(.91)
4 (100)	7.33	(2.23)	7.00	(2.13)	6.50	(1.98)	6.25	(1.91)	5.80	(1.77)	5.50	(1.68)	5.00	(1.52)	4.50	(1.37)	3.80	(1.16)	3.25	(.99)
6 (150)	7.80	(2.38)	7.50	(2.29)	7.00	(2.13)	6.80	(2.07)	6.33	(1.93)	5.80	(1.77)	5.33	(1.62)	4.80	(1.46)	4.25	(1.30)	3.50	(1.07)

Schedule 80 Pipe Size	Support Spacing																			
	Temperature																			
	20°F	(-6.6°C)	40°F	(4.4°C)	60°F	(15.6°C)	80°F	(26.7°C)	100°F	(37.8°C)	110°F	(43.3°C)	120°F	(48.9°C)	130°F	(54.4°C)	140°F	(60°C)	150°F	(65.6°C)
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
1/2 - 3/4 (15-20)	5.75	(1.75)	5.50	(1.68)	5.25	(1.60)	4.80	(1.46)	4.50	(1.37)	4.33	(1.32)	3.80	(1.16)	3.50	(1.07)	3.00	(.91)	2.50	(.76)
1 (25)	6.33	(1.93)	6.00	(1.83)	5.75	(1.75)	5.33	(1.62)	5.00	(1.52)	4.60	(1.40)	4.33	(1.32)	3.80	(1.16)	3.33	(1.01)	2.75	(.84)
1 1/4 - 1 1/2 (32-40)	6.66	(2.03)	6.33	(1.93)	6.00	(1.83)	5.66	(1.73)	5.25	(1.60)	4.80	(1.46)	4.50	(1.37)	4.00	(1.22)	3.50	(1.07)	3.00	(.91)
2 (50)	7.00	(2.13)	6.50	(1.98)	6.25	(1.91)	6.00	(1.83)	5.50	(1.68)	5.12	(1.56)	4.75	(1.45)	4.33	(1.32)	3.66	(1.12)	3.12	(.95)
2 1/2 (65)	7.80	(2.38)	7.50	(2.29)	7.00	(2.13)	6.66	(2.03)	6.33	(1.93)	5.80	(1.77)	5.33	(1.62)	4.75	(1.45)	4.25	(1.30)	3.33	(1.01)
3 (80)	8.20	(2.50)	7.75	(2.36)	7.33	(2.23)	7.00	(2.13)	6.50	(1.98)	6.00	(1.83)	5.50	(1.68)	5.00	(1.52)	4.33	(1.32)	3.50	(1.07)
4 (100)	8.66	(2.64)	8.25	(2.51)	7.80	(2.38)	7.33	(2.23)	6.80	(2.07)	6.33	(1.93)	5.80	(1.77)	5.25	(1.60)	4.66	(1.42)	3.75	(1.14)
6 (150)	9.80	(2.99)	9.33	(2.84)	8.80	(2.68)	8.33	(2.54)	7.80	(2.38)	7.33	(2.23)	6.50	(1.98)	6.00	(1.83)	5.12	(1.56)	4.25	(1.30)

Unless otherwise specified, all dimensions on drawings and in charts are in inches and dimensions shown in parentheses are in millimeters.