

TECHNICAL DATA

STEEL PIPE DATA

Pipe Size	Schedule No.	O.D.		Wall Thickness		Weight				Pipe Size	Schedule No.	O.D.		Wall Thickness		Weight			
						Water		Pipe								Water		Pipe	
						lbs./ft	kg/m	lbs./ft	kg/m							lbs./ft	kg/m	lbs./ft	kg/m
3/8 (10)	10	0.675	(17.15)	.066	(1.68)	0.100	(0.15)	0.4325	(0.64)	5 (125)	40	5.563	(141.30)	0.134	(3.40)	9.55	(14.21)	7.77	(11.56)
	40			.091	(2.31)	0.083	(0.12)	0.567	(0.84)					0.258	(6.55)	8.67	(12.91)	14.62	(21.76)
	80			.126	(3.20)	0.061	(0.09)	0.738	(1.10)					0.375	(9.53)	7.89	(11.74)	20.78	(30.92)
1/2 (15)	10	0.84	(21.34)	.083	(2.11)	0.155	(0.23)	0.671	(1.00)	6 (150)	40	6.625	(168.28)	0.134	(3.40)	13.76	(20.48)	9.289	(13.82)
	40			.109	(2.77)	0.132	(0.20)	0.85	(1.26)					0.28	(7.11)	12.52	(18.64)	18.97	(28.23)
	80			.147	(3.73)	0.102	(0.15)	1.087	(1.62)					0.432	(10.97)	11.30	(16.82)	28.57	(42.52)
3/4 (20)	10	1.05	(26.67)	.083	(2.11)	0.266	(0.40)	0.8572	(1.28)	8 (200)	40	8.625	(219.08)	0.148	(3.76)	23.62	(35.15)	13.4	(19.94)
	40			.113	(2.87)	0.231	(0.34)	1.13	(1.68)					0.322	(8.18)	21.69	(32.28)	28.55	(42.49)
	80			.154	(3.91)	0.187	(0.28)	1.473	(2.19)					0.5	(12.70)	19.80	(29.46)	43.39	(64.57)
1 (25)	10	1.315	(33.40)	.109	(2.77)	0.410	(0.61)	1.404	(2.09)	10 (250)	40	10.75	(273.05)	0.165	(4.19)	36.97	(55.02)	18.7	(27.83)
	40			.133	(3.38)	0.375	(0.56)	1.678	(2.50)					0.365	(9.27)	34.19	(50.87)	40.48	(60.24)
	80			.179	(4.55)	0.312	(0.46)	2.171	(3.23)					0.593	(15.06)	31.14	(46.35)	64.4	(95.84)
1 1/4 (32)	10	1.66	(42.16)	.109	(2.77)	0.708	(1.05)	1.806	(2.69)	12 (300)	40	12.75	(323.85)	0.18	(4.57)	52.27	(77.79)	24.2	(36.01)
	40			.14	(3.56)	0.648	(0.96)	2.272	(3.38)					0.406	(10.31)	48.53	(72.21)	53.6	(79.77)
	80			.191	(4.85)	0.556	(0.83)	2.996	(4.46)					0.687	(17.45)	44.06	(65.57)	88.6	(131.85)
1 1/2 (40)	10	1.9	(48.26)	.109	(2.77)	0.963	(1.43)	2.085	(3.10)	14 (350)	40	14	(355.60)	0.25	(6.35)	62.05	(92.35)	36.71	(54.63)
	40			.145	(3.68)	0.883	(1.31)	2.717	(4.04)					0.437	(11.10)	58.66	(87.30)	63	(93.75)
	80			.2	(5.08)	0.766	(1.14)	3.631	(5.40)					0.75	(19.05)	53.20	(79.17)	107	(159.23)
2 (50)	10	2.375	(60.33)	.109	(2.77)	1.584	(2.36)	2.638	(3.93)	16 (400)	40	16	(406.40)	0.25	(6.35)	81.80	(121.74)	42.05	(62.58)
	40			.154	(3.91)	1.455	(2.16)	3.652	(5.43)					0.5	(12.70)	76.61	(114.01)	83	(123.52)
	80			.218	(5.54)	1.280	(1.91)	5.022	(7.47)					0.843	(21.41)	69.76	(103.82)	137	(203.88)
2 1/2 (65)	10	2.875	(73.03)	.12	(3.05)	2.364	(3.52)	3.531	(5.25)	18 (450)	40	18	(457.20)	0.25	(6.35)	104.27	(155.18)	47.39	(70.52)
	40			.203	(5.16)	2.076	(3.09)	5.79	(8.62)					0.563	(14.30)	96.95	(144.27)	105	(156.26)
	80			.276	(7.01)	1.837	(2.73)	7.66	(11.40)					0.937	(23.80)	88.54	(131.77)	171	(254.48)
3 (80)	10	3.5	(88.90)	.12	(3.05)	3.619	(5.39)	4.332	(6.45)	20 (500)	40	20	(508.00)	0.25	(6.35)	129.47	(192.67)	62.73	(93.35)
	40			.216	(5.49)	3.205	(4.77)	7.57	(11.27)					0.593	(15.06)	120.52	(179.36)	123	(183.04)
	80			.3	(7.62)	2.864	(4.26)	10.25	(15.25)					1.031	(26.19)	109.56	(163.04)	209	(311.03)
3 1/2 (90)	10	4	(101.60)	.12	(3.05)	4.814	(7.16)	4.973	(7.40)	24 (600)	40	24	(609.60)	0.25	(6.35)	188.04	(279.83)	63.41	(94.36)
	40			.226	(5.74)	4.286	(6.38)	9.11	(13.56)					0.687	(17.45)	174.31	(259.40)	171	(254.48)
	80			.318	(8.08)	3.853	(5.73)	12.51	(18.62)					1.218	(30.94)	158.33	(235.62)	297	(441.98)
4 (100)	10	4.5	(114.30)	.12	(3.05)	6.179	(9.20)	5.613	(8.35)	30 (750)	20	30	(762.00)	.5	(12.70)	286.00	(425.61)	158	(235.13)
	40			.237	(6.02)	5.519	(8.21)	10.79	(16.06)					.5	(12.70)	417.00	(620.56)	190	(282.75)
	80			.337	(8.56)	4.984	(7.42)	14.98	(22.29)										

SPACING OF HANGERS FOR STEEL PIPE

Nominal Pipe Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20	24
	(15)	(20)	(25)	(32)	(40)	(50)	(65)	(80)	(90)	(100)	(125)	(150)	(200)	(250)	(300)	(350)	(400)	(450)	(500)	(600)
Max. Span	7	7	7	7	9	10	11	12	13	14	16	17	19	22	23	25	27	28	30	32
	(2.13)	(2.13)	(2.13)	(2.13)	(2.74)	(3.05)	(3.35)	(3.66)	(3.96)	(4.27)	(4.88)	(5.18)	(5.79)	(6.71)	(7.01)	(7.62)	(8.23)	(8.53)	(9.14)	(9.75)
Recommended Hanger Rod Size	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	5/8	5/8	3/4	3/4	7/8	7/8	1	1	1 1/8	1 1/4	1 1/4
	OR TRAPEZE																			

Note: Spacing and capacities are based on pipe filled with water. Additional valves and fittings increase the load and therefore closer hanger spacing is required. Taken from ANSI/MSS SP-58.

***Many Codes and specifications require pipe hangers to be spaced every 10 ft (3.05m) regardless of size. Check local codes.**