

TECHNICAL DATA



Steel Pipe Data SCHEDULE 40 & 80

Pipe Size	Schedule No.	O.D.	Wall Thickness	Wt. Per Foot (in lbs.)	
				Water	Pipe
3/8	40	.675	.091	.083	.567
	80		.126	.061	.738
1/2	40	.840	.109	.132	.850
	80		.147	.101	1.087
3/4	40	1.050	.113	.230	1.130
	80		.154	.186	1.473
1	40	1.315	.133	.374	1.678
	80		.179	.311	2.171
1 1/4	40	1.660	.140	.647	2.272
	80		.191	.555	2.996
1 1/2	40	1.900	.145	.882	2.717
	80		.200	.765	3.631
2	40	2.375	.154	1.452	3.652
	80		.218	1.279	5.022
2 1/2	40	2.875	.203	2.072	5.790
	80		.276	1.834	7.660
3	40	3.500	.216	3.200	7.570
	80		.300	2.860	10.250
3 1/2	40	4.000	.226	4.280	9.110
	80		.318	3.850	12.510
4	40	4.500	.237	5.510	10.790
	80		.337	4.980	14.980

Pipe Size	Schedule No.	O.D.	Wall Thickness	Wt. Per Foot (in lbs.)	
				Water	Pipe
5	40	5.563	.258	8.660	14.620
	80		.375	7.870	20.780
6	40	6.625	.280	12.510	18.970
	80		.432	11.920	28.570
8	40	8.625	.322	21.600	28.550
	80		.500	19.800	43.390
10	40	10.750	.365	34.100	40.480
	80		.593	31.100	64.400
12	40	12.750	.406	48.500	53.600
	80		.687	44.000	88.600
14	40	14.000	.437	58.500	63.000
	80		.750	51.200	107.000
16	40	16.000	.500	76.500	83.000
	80		.843	69.700	137.000
18	40	18.000	.563	97.200	105.000
	80		.937	88.500	171.000
20	40	20.000	.593	120.400	123.000
	80		1.031	109.400	209.000
24	40	24.000	.687	174.200	171.000
	80		1.218	158.200	297.000
30	20	30.000	.500	286.000	158.000
36	API	36.000	.500	417.000	190.000

Spacing of Hangers For Steel Pipe

Nominal Pipe Size, Inches	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
	Maximum Span. Feet	7	7	7	7	9	10	11	12	13	14	16	17	19	22	23	25	27	28	30
Recommended Hanger Rod Sizes	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 MSS ANSI/SP-69 and SP-58 Table 3 & 4.

*Many Codes and specifications require pipe hangers to be spaced every 10 feet regardless of size. Check local codes.