

Pipe Dimensions / MSS Allowable Spans Manufacturers Standardization Society (MSS) Recommended Spans Schedule 40 Steel Pipe

Nominal Pipe Size	Actual O.D.	Weight Per Ft. Empty (lb.)	Weight Per Ft. Fully Flooded	Spans Per MSS SP-58 Table 4	Spans Per MSS SP-58 Table A3
1/2	.840	.85	.98	7	7
3/4	1.050	1.13	1.36	7	7
1	1.315	1.68	2.05	7	7
1-1/4	1.660	2.27	2.92	7	7
1-1/2	1.900	2.72	3.60	9	9
2	2.650	3.65	5.11	10	10
2-1/2	2.875	5.79	7.87	11	10
3	3.500	7.58	10.8	12	10
4	4.500	10.8	16.3	14	10
5	5.563	14.6	23.3	16	10
6	6.625	18.9	31.5	17	10
8	8.625	28.6	50.3	19	10
10	10.75	40.5	74.7	22	10
12	12.75	53.5	102.2	23	10
14	14.00	63.4	122.2	25	10
16	16.00	82.8	159.5	27	10
18	18.00	104.7	201.8	28	10
20	20.00	123.1	243.9	30	10
24	24.00	171.3	345.9	32	10

Copper Tube (Type-K)

Nominal Tube Size	Actual O.D.	Weight Per Ft. Empty (lb.)	Weight Per Ft. Fully Flooded	Spans Per MSS SP-58 Table 4	Spans Per MSS SP-58 Table A3
1/2	.625	.34	.44	5	5
3/4	.875	.64	.87	5	5
1	1.125	.84	1.22	6	6
1-1/4	1.375	1.04	1.61	7	7
1-1/2	1.625	1.36	2.16	8	8
2	2.125	2.06	3.44	8	8
2-1/2	2.625	2.93	5.06	9	9
3	3.125	4.00	7.03	10	10
4	4.125	6.51	11.8	12	10

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