

Square Tube



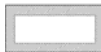
**Common grade: ASTM A513 Mechanical tubing (no minimum strength requirements)
ASTM A500 Gr. B.....min. 46,000 yield / min. 58,000 tensile**

Size	Wall Thickness	Weight (lbs.) per Foot	Weight (lbs.) per 20'	Weight (lbs.) per 40'	
1/2 x 1/2	x	0.049	0.283	5.7	11.3
	x	0.065	0.363	7.3	14.5
5/8 x 5/8	x	0.049	0.363	7.3	14.5
	x	0.065	0.470	9.4	18.8
3/4 x 3/4	x	0.035	0.340	6.8	13.6
	x	0.049	0.443	8.9	17.7
	x	0.065	0.557	11.1	22.3
	x	0.072	0.649	13.0	26.0
	x	0.083	0.753	15.1	30.1
	x	0.120	1.028	20.6	41.1
7/8 x 7/8	x	0.065	0.696	13.9	27.8
	x	0.083	0.894	17.9	35.8
	x	0.095	1.008	20.2	40.3
1 x 1	x	0.049	0.627	12.5	25.1
	x	0.065	0.814	16.3	32.6
	x	0.072	0.893	17.9	35.7
	x	0.083	1.010	20.2	40.4
	x	0.095	1.140	22.8	45.6
	x	0.109	1.250	25.0	50.0
1 1/4 x 1 1/4	x	0.120	1.390	27.8	55.6
	x	0.049	0.762	15.2	30.5
	x	0.065	1.040	20.8	41.6
	x	0.072	1.140	22.8	45.6
	x	0.083	1.300	26.0	52.0
	x	0.095	1.470	29.4	58.8
1 1/2 x 1 1/2	x	0.109	1.620	32.4	64.8
	x	0.120	1.800	36.0	72.0
	x	0.180	2.340	46.8	93.6
	x	0.065	1.260	25.2	50.4
	x	0.072	1.380	27.6	55.2
	x	0.083	1.580	31.6	63.2
1 3/4 x 1 3/4	x	0.095	1.790	35.8	71.6
	x	0.109	1.990	39.8	79.6
	x	0.120	2.210	44.2	88.4
	x	0.180	2.950	59.0	118.0
	x	0.250	4.250	85.0	170.0
	x	0.065	1.469	29.4	58.8
2 x 2	x	0.083	1.882	37.6	75.3
	x	0.095	2.138	42.8	85.5
	x	0.120	2.660	53.2	106.4
	x	0.065	1.670	33.4	66.8
2 x 2	x	0.072	1.840	36.8	73.6
	x	0.083	2.100	42.0	84.0
	x	0.095	2.380	47.6	95.2
	x	0.109	2.700	54.0	108.0
	x	0.120	2.940	58.8	117.6
	x	0.180	4.170	83.4	166.8
	x	0.250	5.400	108.0	216.0
	x	0.095	3.030	60.6	121.2

2	1/2	x	2	1/2	x	0.109	3.440	68.8	137.6
						0.120	3.760	75.2	150.4
						0.180	5.400	108.0	216.0
						0.250	7.100	142.0	284.0
						0.250	7.562	151.2	302.5
2.53	x		2.53	x					
trailer	hitch		reciever	tube					
3	x		3	x		0.083	3.263	65.3	130.5
						0.095	3.670	73.4	146.8
						0.120	4.570	91.4	182.8
						0.180	6.620	132.4	264.8
						0.250	8.800	176.0	352.0
						0.313	10.580	211.6	423.2
						0.375	12.160	243.2	486.4
						0.109	4.920	98.4	196.8
						0.120	5.390	107.8	215.6
3	1/2	x	3	1/2	x	0.180	7.840	156.8	313.6
						0.250	10.500	210.0	420.0
						0.313	12.700	254.0	508.0
						0.375	14.700	294.0	588.0
						0.095	4.970	99.4	198.8
						0.109	5.660	113.2	226.4
						0.120	6.210	124.2	248.4
						0.180	9.070	181.4	362.8
						0.250	12.200	244.0	488.0
						0.313	14.800	296.0	592.0
						0.375	17.300	346.0	692.0
						0.500	21.600	432.0	864.0
						0.188	10.700	214.0	428.0
						0.250	13.910	278.2	556.4
4	1/2	x	4	1/2	x	0.375	19.830	396.6	793.2
						0.120	7.850	157.0	314.0
						0.188	11.970	239.4	478.8
						0.250	15.620	312.4	624.8
						0.313	19.080	381.6	763.2
						0.375	22.370	447.4	894.8
						0.500	28.430	568.6	1137.2
						0.120	9.860	197.2	394.4
						0.188	14.530	290.6	581.2
						0.250	19.020	380.4	760.8
						0.313	23.340	466.8	933.6
						0.375	27.480	549.6	1099.2
						0.500	35.240	704.8	1409.6
						0.188	17.080	341.6	683.2
						0.250	22.420	448.4	896.8
						0.313	27.590	551.8	1103.6
						0.375	32.580	651.6	1303.2
						0.500	42.050	841.0	1682.0
						0.188	19.630	392.6	785.2
						0.250	25.820	516.4	1032.8
						0.313	31.840	636.8	1273.6
						0.375	37.690	753.8	1507.6
						0.500	48.850	977.0	1954.0
						0.625	59.320	1186.4	2372.8
						0.188	24.730	494.6	989.2
						0.250	32.630	652.6	1305.2
						0.313	40.350	807.0	1614.0
						0.375	47.900	958.0	1916.0
						0.500	62.460	1249.2	2498.4
						0.625	76.330	1526.6	3053.2
						0.188	29.840	596.8	1193.6
10	x		10	x					

				0.250	39.430	788.6	1577.2
12	x	12	x	0.313	48.860	977.2	1954.4
				0.375	58.100	1162.0	2324.0
				0.500	76.070	1521.4	3042.8
				0.625	93.340	1866.8	3733.6
				0.313	57.360	1147.2	2294.4
				0.375	68.310	1366.2	2732.4
14	x	14	x	0.500	89.680	1793.6	3587.2
				0.625	110.360	2207.2	4414.4
				0.313	65.870	1317.4	2634.8
				0.375	78.520	1570.4	3140.8
16	x	16	x	0.500	103.300	2066.0	4132.0
				0.625	127.370	2547.4	5094.8

Rectangular Tube



Common grade: **ASTM A513 Mechanical tubing (no minimum strength requirements)**
ASTM A500 Gr. B.....min. 46,000 yield / min. 58,000 tensile

Size				Wall Thickness	Weight (lbs.) per Foot	Weight (lbs.) per 20'	Weight (lbs.) per 40'
1	x	1/2	x	0.049	0.443	8.9	17.7
				0.065	0.577	11.5	23.1
1 1/2	x	3/4	x	0.065	0.898	18.0	35.9
				0.083	1.160	23.2	46.4
1 1/2	x	1	x	0.065	1.010	20.2	40.4
				0.083	1.300	26.0	52.0
				0.095	1.470	29.4	58.8
				0.120	1.800	36.0	72.0
2	x	1	x	0.065	1.260	25.2	50.4
				0.083	1.580	31.6	63.2
				0.095	1.790	35.8	71.6
				0.109	1.990	39.8	79.6
				0.120	2.210	44.2	88.4
2	x	1 1/2	x	0.065	1.490	29.8	59.6
				0.095	2.138	42.8	85.5
				0.120	2.660	53.2	106.4
2 1/2	x	1 1/2	x	0.083	2.100	42.0	84.0
				0.095	2.380	47.6	95.2
				0.109	2.700	54.0	108.0
				0.120	2.940	58.8	117.6
3	x	1	x	0.180	4.320	86.4	172.8
				0.065	1.690	33.8	67.6
				0.083	2.164	43.3	86.6
				0.095	2.380	47.6	95.2
				0.109	2.700	54.0	108.0
3	x	1 1/2	x	0.120	3.050	61.0	122.0
				0.180	4.320	86.4	172.8
				0.083	2.390	47.8	95.6
				0.095	2.700	54.0	108.0
				0.109	3.070	61.4	122.8
3	x	2	x	0.120	3.350	67.0	134.0
				0.180	4.780	95.6	191.2
				0.250	6.250	125.0	250.0
				0.065	2.153	43.1	86.1
				0.083	2.728	54.6	109.1
3 1/2	x	2 1/2	x	0.120	3.760	75.2	150.4
				0.125	3.900	78.0	156.0
				0.188	5.590	111.8	223.6
				0.250	7.110	142.2	284.4
				0.313	8.450	169.0	338.0
4	x	1 1/2	x	0.188	6.880	137.6	275.2
				0.250	8.810	176.2	352.4
4	x	2	x	0.120	4.292	85.8	171.7
				0.083	3.263	65.3	130.5
				0.120	4.580	91.6	183.2
				0.125	4.750	95.0	190.0
				0.188	6.870	137.4	274.8
				0.250	8.810	176.2	352.4
				0.313	10.580	211.6	423.2
0.375	13.430	268.6	537.2				

4	x	2	1/2	x	0.125	5.175	103.5	207.0	
4	x	3		x	0.120	5.516	110.3	220.6	
					0.125	5.610	112.2	224.4	
					0.188	8.150	163.0	326.0	
					0.250	10.510	210.2	420.4	
					0.313	12.700	254.0	508.0	
					0.375	14.710	294.2	588.4	
4	1/2	x	2	1/2	x	0.250	10.510	210.2	420.4
5	x	2		x	0.120	5.516	110.3	220.6	
					0.125	5.610	112.2	224.4	
					0.134	5.980	119.6	239.2	
					0.188	8.150	163.0	326.0	
					0.250	10.510	210.2	420.4	
					0.313	12.700	254.0	508.0	
5	x	2	1/2	x	0.125	5.924	118.5	237.0	
					0.188	8.880	177.6	355.2	
5	x	3		x	0.120	6.220	124.4	248.8	
					0.188	9.420	188.4	376.8	
					0.250	12.210	244.2	488.4	
					0.313	14.830	296.6	593.2	
					0.375	17.270	345.4	690.8	
					0.500	21.630	432.6	865.2	
5	x	4		x	0.188	10.700	214.0	428.0	
					0.250	13.910	278.2	556.4	
6	x	2		x	0.120	6.220	124.4	248.8	
					0.188	9.420	188.4	376.8	
					0.250	12.210	244.2	488.4	
					0.313	14.830	296.6	593.2	
					0.375	17.270	345.4	690.8	
6	x	3		x	0.120	7.148	143.0	285.9	
					0.188	10.700	214.0	428.0	
					0.250	13.910	278.2	556.4	
					0.313	16.960	339.2	678.4	
					0.375	19.820	396.4	792.8	
					0.500	25.030	500.6	1001.2	
6	x	4		x	0.125	8.160	163.2	326.4	
					0.188	11.970	239.4	478.8	
					0.250	15.620	312.4	624.8	
					0.313	19.080	381.6	763.2	
					0.375	22.370	447.4	894.8	
					0.500	28.430	568.6	1137.2	
7	x	3		x	0.188	11.970	239.4	478.8	
					0.250	15.620	312.4	624.8	
					0.375	22.370	447.4	894.8	
7	x	4		x	0.188	13.250	265.0	530.0	
					0.250	17.320	346.4	692.8	
					0.375	24.930	498.6	997.2	
7	x	5		x	0.188	14.530	290.6	581.2	
					0.250	19.020	380.4	760.8	
					0.313	23.340	466.8	933.6	
					0.375	27.480	549.6	1099.2	
					0.500	35.240	704.8	1409.6	
8	x	2		x	0.188	11.970	239.4	478.8	
					0.250	15.620	312.4	624.8	
					0.375	22.370	447.4	894.8	
8	x	3		x	0.188	13.250	265.0	530.0	
					0.250	17.320	346.4	692.8	
					0.313	21.210	424.2	848.4	
					0.375	24.930	498.6	997.2	
					0.500	31.840	636.8	1273.6	

8	x	4	x	0.188	14.530	290.6	581.2
				0.250	19.020	380.4	760.8
				0.313	23.340	466.8	933.6
				0.375	27.480	549.6	1099.2
8	x	6	x	0.500	35.240	704.8	1409.6
				0.188	17.080	341.6	683.2
				0.250	22.420	448.4	896.8
				0.313	27.590	551.8	1103.6
9	x	5	x	0.375	32.580	651.6	1303.2
				0.500	42.050	841.0	1682.0
				0.188	14.530	290.6	581.2
				0.313	23.340	466.8	933.6
9	x	7	x	0.250	25.820	516.4	1032.8
				0.313	31.840	636.8	1273.6
				0.188	14.530	290.6	581.2
				0.250	19.020	380.4	760.8
10	x	2	x	0.250	20.720	414.4	828.8
				0.188	17.080	341.6	683.2
				0.250	22.420	448.4	896.8
				0.313	27.590	551.8	1103.6
10	x	3	x	0.375	32.580	651.6	1303.2
				0.500	42.050	841.0	1682.0
				0.188	14.530	290.6	581.2
				0.250	19.020	380.4	760.8
10	x	4	x	0.250	20.720	414.4	828.8
				0.188	17.080	341.6	683.2
				0.250	22.420	448.4	896.8
				0.313	27.590	551.8	1103.6
10	x	5	x	0.375	32.580	651.6	1303.2
				0.500	42.050	841.0	1682.0
				0.188	14.530	290.6	581.2
				0.250	19.020	380.4	760.8
10	x	6	x	0.188	17.080	341.6	683.2
				0.250	22.420	448.4	896.8
				0.313	27.590	551.8	1103.6
				0.375	32.580	651.6	1303.2
10	x	8	x	0.500	42.050	841.0	1682.0
				0.250	24.120	482.4	964.8
				0.188	19.630	392.6	785.2
				0.250	25.820	516.4	1032.8
10	x	8	x	0.313	31.840	636.8	1273.6
				0.375	37.690	753.8	1507.6
				0.500	48.850	977.0	1954.0
				0.250	29.230	584.6	1169.2
12	x	2	x	0.375	42.790	855.8	1711.6
				0.500	55.660	1113.2	2226.4
				0.188	17.080	341.6	683.2
				0.250	22.420	448.4	896.8
12	x	3	x	0.250	24.120	482.4	964.8
				0.188	19.630	392.6	785.2
				0.250	25.820	516.4	1032.8
				0.313	31.840	636.8	1273.6
12	x	4	x	0.375	37.690	753.8	1507.6
				0.500	48.850	977.0	1954.0
				0.250	29.230	584.6	1169.2
				0.313	36.100	722.0	1444.0
12	x	6	x	0.375	42.790	855.8	1711.6
				0.500	55.660	1113.2	2226.4
				0.250	29.230	584.6	1169.2
				0.313	36.100	722.0	1444.0
12	x	8	x	0.375	42.790	855.8	1711.6
				0.500	55.660	1113.2	2226.4
				0.250	32.630	652.6	1305.2
				0.375	47.900	958.0	1916.0
14	x	4	x	0.500	62.460	1249.2	2498.4
				0.250	29.230	584.6	1169.2
				0.375	47.900	958.0	1916.0
				0.375	58.100	1162.0	2324.0
16	x	8	x	0.375	58.100	1162.0	2324.0
				0.500	76.070	1521.4	3042.8