

TUBE

Steel

Round Tubing
ASTM Grade A-513

Size (OD)	Gauge	Lbs./Ft.				
.750" (3/4")	16 Ga.	0.476	1.315" (1 5/16")	13 Ga.	1.172	
	15 Ga.	0.521		12 Ga.	1.328	
	14 Ga.	0.591		11 Ga.	1.448	
.840"	12 Ga.	0.850	1.500" (1 1/2")	16 Ga.	0.868	
	.875" (7/8")	16 Ga.		0.562	15 Ga.	0.956
		15 Ga.		0.618	14 Ga.	1.092
1.000" (1")	12 Ga.	0.892	1.625" (1 5/8")	12 Ga.	1.404	
	11 Ga.	0.968		11 Ga.	1.532	
	16 Ga.	0.649		16 Ga.	0.996	
	15 Ga.	0.714		15 Ga.	1.098	
	14 Ga.	0.813		14 Ga.	1.256	
	13 Ga.	0.918		13 Ga.	1.426	
1.050"	12 Ga.	1.037	1.660"	12 Ga.	1.619	
	11 Ga.	1.128		11 Ga.	1.769	
	16 Ga.	0.684		16 Ga.	1.083	
	15 Ga.	0.752		15 Ga.	1.194	
	14 Ga.	0.857		14 Ga.	1.357	
	12 Ga.	1.100		12 Ga.	1.765	
1.250" (1 1/4")	11 Ga.	1.092	1.750" (1 3/4")	11 Ga.	1.929	
	16 Ga.	0.823		16 Ga.	1.107	
	15 Ga.	0.906		15 Ga.	1.221	
	14 Ga.	1.034		14 Ga.	1.398	
				12 Ga.	1.806	
			11 Ga.	1.974		
			16 Ga.	1.107		
			15 Ga.	1.290		

	14 Ga.	1.478	2.750" (2 3/4")	16 Ga.	1.864
	13 Ga.	1.679		15 Ga.	2.059
	12 Ga.	1.910		14 Ga.	2.364
	11 Ga.	2.089		12 Ga.	3.075
1.900"	16 Ga.	1.274		11 Ga.	3.371
	15 Ga.	1.406	2.875" (2 7/8")	14 Ga.	2.48
	14 Ga.	1.611		12 Ga.	3.22
	12 Ga.	2.085		11 Ga.	3.53
	11 Ga.	2.281		3/16"	5.40
2.000" (2")	16 Ga.	1.343	3"	14 Ga.	2.60
	15 Ga.	1.483		12 Ga.	3.30
	14 Ga.	1.699		11 Ga.	3.70
	12 Ga.	2.201		10 Ga.	4.20
	11 Ga.	2.409	3 1/2"	14 Ga.	2.80
2.375" (2 3/8")	16 Ga.	1.604		12 Ga.	3.90
	15 Ga.	1.771		11 Ga.	4.30
	14 Ga.	2.032		10 Ga.	5.00
	12 Ga.	2.638	4"	14 Ga.	3.20
	11 Ga.	2.890		12 Ga.	4.50
2.500" (2 1/2")	16 Ga.	1.690		11 Ga.	4.90
	15 Ga.	1.867		10 Ga.	5.70
	14 Ga.	2.143		3/16"	7.60
	12 Ga.	2.783	4 1/2"	14 Ga.	3.60
	11 Ga.	3.050		12 Ga.	5.00
2.625" (2 5/8")	16 Ga.	1.777		11 Ga.	5.60
	15 Ga.	1.963		10 Ga.	6.40
	14 Ga.	2.253		3/16"	8.60
	12 Ga.	2.929	5"	14 Ga.	4.00
	11 Ga.	3.210		12 Ga.	5.60

RECTANGULAR TUBE

Size	Gauge	Wt. Lbs./Ft.	Wt. Lbs./20'	Wt. Lbs./24'	Wt. Lbs./40'						
							1/4"	8.81	176.2	211.44	352.4
						4 x 3	11 Ga.	5.61	112.2	134.64	224.4
							3/16"	8.15	163	195.6	326.0
1 1/2 x 3/4	14 Ga.	1.176	23.52	28.22	47.04		1/4"	10.51	210.2	252.24	420.4
1 1/2 x 1	14 Ga.	1.317	26.34	31.61	52.68	5 x 2	11 Ga.	5.61	112.2	134.64	224.0
	11 Ga.	1.84	36.8	44.16	73.6		3/16"	8.15	163	195.6	326.0
2 x 1	16 Ga.	1.268	25.36	30.43	50.72		1/4"	10.51	210.2	252.24	420.4
	14 Ga.	1.599	31.98	38.38	63.96	5 x 3	11 Ga.	6.46	129.2	155.04	258.4
	11 Ga.	2.252	45.04	54.05	90.08		3/16"	9.42	188.4	226.08	376.8
2 x 1 1/2	14 Ga.	1.882	37.64	45.17	75.28		1/4"	12.21	244.2	293.04	488.4
	11 Ga.	2.66	53.2	63.84	106.4		5/16"	14.83	296.6	355.92	593.2
2 1/2 x 1 1/2	14 Ga.	2.16	43.2	51.84	86.4		3/8"	17.27	345.4	414.48	690.8
	11 Ga.	3.07	61.4	73.68	122.8		1/2"	21.63	432.6	519.12	865.2
	3/16"	4.32	86.4	103.68	172.8	5 x 4	11 Ga.	7.33	146	175.92	293.2
	1/4"	5.59	111.8	134.16	223.6		3/16"	10.7	214	256.8	428.0
3 x 1	14 Ga.	2.16	43.2	51.84	86.4		1/4"	13.9	278	333.6	556.0
	11 Ga.	3.07	61.4	73.68	122.8	6 x 2	11 Ga.	6.46	129.2	155.04	258.4
3 x 1 1/2	14 Ga.	2.39	47.8	57.36	95.6		3/16"	9.42	188.4	226.08	376.8
	11 Ga.	3.48	69.6	83.52	139.2		1/4"	12.21	244.2	293.04	488.4
	3/16"	4.97	101.4	121.68	202.8		5/16"	14.83	296.6	355.92	593.2
3 x 2	14 Ga.	2.73	54.6	65.52	109.2	6 x 3	3/16"	10.7	214	256.8	428.0
	11 Ga.	3.9	78	93.6	156		1/4"	13.91	278.2	333.84	556.4
	3/16"	5.59	11.8	134.16	223.6		5/16"	16.96	339.2	407.04	678.4
	1/4"	7.11	142.2	170.64	284.4		3/8"	19.82	396.4	475.68	792.8
4 x 1 1/2	14 Ga.	2.981	59.62	71.54	119.24	6 x 4	1/2"	24.28	485.6	582.72	971.2
	11 Ga.	4.292	85.84	103.01	171.68		3/16"	11.97	239.4	287.28	478.8
	1/4"	7.11	142.2	170.64	284.4		1/4"	15.62	312.4	374.88	624.8
4 x 2	14 Ga.	3.29	65.8	78.96	131.6		5/16"	19.08	381.6	457.92	763.2
	11 Ga.	4.75	95	114	190.0		3/8"	22.37	447.4	536.8	894.8
	3/16"	6.87	137.4	164.88	274.8		1/2"	28.43	568.6	682.32	1137.2
						7 x 3	3/16"	11.97	239.4	287.28	478.8

7 x 5	1/4"	15.62	312.4	374.88	624.8	10 x 8	5/16"	31.84	636.8	764.16	1273.6
	5/16"	19.08	381.6	457.92	763.2		3/8"	37.69	753.8	904.56	1507.6
	3/8"	22.37	447.4	536.8	894.8		1/2"	48.85	977	1172.4	1954
	3/16"	14.55	291	349.2	582.0		1/4"	29.2	584	700.8	1168
	1/4"	19.02	380.4	456.48	760.8		5/16"	36.125	722.5	867	1445
	5/16"	23.35	467	560.4	934.0		3/8"	42.79	855.8	1026.96	1711.6
8 x 2	1/2"	35.24	704.8	845.76	1409.6	12 x 4	1/2"	57.11	1142.2	1370.64	2284.4
	3/16"	11.97	239.4	287.28	478.8		1/4"	25.82	516.4	619.68	1032.8
	1/4"	15.62	312.4	374.88	624.8		5/16"	31.84	636.8	764.16	1273.6
	5/16"	19.08	381.6	457.92	763.2		3/8"	37.69	753.8	904.56	1507.6
8 x 3	3/8"	22.37	447.4	536.88	894.8	12 x 6	1/4"	29.2	584	700.8	1168
	3/16"	13.25	265	318	530.0		5/16"	36.12	722.4	866.88	1444.8
	1/4"	17.32	346.4	415.68	692.8		3/8"	42.75	855	1026	1710
	5/16"	21.21	424.2	509.04	848.4		1/2"	55.66	1113.2	1335.84	2226.4
8 x 4	3/8"	24.93	498.6	598.32	997.2	12 x 8	1/4"	32.59	651.8	782.16	1303.6
	3/16"	14.53	290.6	348.72	581.2		5/16"	40.37	807.4	968.88	1614.8
	1/4"	19.02	380.4	456.48	760.8		3/8"	47.85	957	1148.4	1914
	5/16"	23.34	466.8	560.16	933.6		1/2"	62.46	1249.2	1499.04	2498.4
8 x 6	3/8"	27.48	549.6	659.52	1099.2	14 x 4	5/8"	76.33	1526.6	1831.92	3053.2
	1/2"	35.24	704.8	845.76	1409.6		1/4"	29.23	584.6	701.52	1169.2
	3/16"	17.08	341.6	409.92	683.2		5/16"	40.35	807	968.4	1614
	1/4"	22.42	448.4	538.08	896.8		3/8"	47.9	958	1149.6	1916
10 x 4	5/16"	27.59	551.8	662.16	1103.6	14 x 10	1/2"	62.16	1243.2	1491.84	2486.4
	3/8"	32.58	651.6	781.92	1303.2		5/16"	48.86	977.2	1172.64	1954.4
	1/2"	42.05	841	1009.2	1682		3/8"	58.1	1162	1394.4	2324
	1/4"	22.42	448.4	538.08	896.8		1/2"	76.07	1521.4	1825.68	3042.8
10 x 6	5/16"	27.59	551.8	662.16	1103.6	16 x 4	5/16"	40.35	807	968.4	1614
	3/8"	32.58	651.6	781.92	1303.2		3/8"	47.9	958	1149.6	1916
	1/2"	42.05	841	1009.2	1682						
10 x 6	1/4"	25.82	516.4	619.68	1032.8						

16 x 8	1/2"	62.46	1249.2	1499.04	2498.4
	5/16"	48.86	977.2	1172.64	1954.4
	3/8"	58.1	1162	1394.4	2324
16 x 12	1/2"	76.07	1521.4	1825.68	3042.8
	5/16"	57.36	1147.2	1376.64	2294.4
	3/8"	68.31	1366.2	1639.44	2732.4
18 x 6	1/2"	89.68	1793.6	2152.32	3587.2
	1/4"	39.43	788.6	943.32	1577.2
	5/16"	48.86	977.2	1172.64	1954.4
	3/8"	58.1	1162	1394.4	2324
20 x 4	1/2"	76.07	1521.4	1825.68	3042.8
	5/16"	48.86	788.6	943.32	1577.2
	3/8"	58.1	1162	1172.64	1954.4
20 x 8	1/2"	76.07	1521.4	1825.68	3042.8
	5/16"	57.36	1147.2	1376.64	2294.4
	3/8"	68.31	1366.2	1639.44	2732.4
20 x 12	1/2"	89.68	1793.6	2152.32	3587.2
	5/16"	65.87	1317.4	1580.88	2634.8
	3/8"	78.52	1570.4	1884.48	3140.8
	1/2"	103.3	2066	2479.2	4132

SQUARE TUBE

Size	Gauge	WT. Lbs./ Ft	WT.	WT.	WT. Lbs./40'	Inside Dimen- sion in inches							
							3 x 3	1/4"	7.11	142.2	170.64	284.4	2
								11 Ga.	4.75	95	114	190	2.76
								3/16"	6.87	137.4	164.88	274.8	2.624
1/2 x 1/2	16 Ga.	0.384	7.68	9.22	15.36	0.37		1/4"	8.81	176.2	211.44	352.4	2.5
5/8 x 5/8	16 Ga.	0.5	10	12	20	0.495		5/16"	10.58	211.6	253.92	423.2	
3/4 x 3/4	16 Ga.	0.606	12.12	14.54	24.24	0.62	3 1/2 x 3 1/2	14 Ga.	3.8	76	91.2	152	
	14 Ga.	0.753	15.06	18.07	30.12			11 Ga.	5.61	112.2	134.64	224.4	3.25
	11 Ga.	1.028	20.56	24.67	41.12	0.51		3/16"	8.15	163	195.6	326	3.124
1 x 1	16 Ga.	0.827	16.54	19.85	33.08	0.87		1/4"	10.51	210.2	252.24	420.4	3
	14 Ga.	1.035	20.7	24.84	41.4	0.834		5/16"	12.70	254	304.8	508	
	11 Ga.	1.436	28.72	34.46	57.44	0.76	4 x 4	11 Ga.	6.46	129.2	155.04	258.4	3.76
1 1/4 x 1 1/4	16 Ga.	1.047	20.94	25.13	41.88	1.12		3/16"	9.42	188.4	226.08	376.8	3.624
	14 Ga.	1.317	26.34	31.61	52.68	1.084		1/4"	12.21	244.2	293.04	488.4	3.5
	11 Ga.	1.844	36.88	44.26	73.76	1.01		5/16"	14.83	296.6	355.92	593.2	3.374
	3/16"	2.913	58.26	69.91	116.52	0.874		3/8"	17.27	345.4	414.48	690.8	3.25
1 1/2 x 1 1/2	16 Ga.	1.268	25.36	30.43	50.72	1.37		1/2"	21.61	432.2	518.64	864.4	3
	14 Ga.	1.599	31.98	38.38	63.96	1.334	4 1/2 x 4 1/2	1/4"	13.9	278	333.6	556	
	11 Ga.	2.252	45.04	54.05	90.08	1.26		3/8"	19.82	396.4	475.68	792.8	
	3/16"	3.046	60.92	73.1	121.84	1.124	5 x 5	3/16"	11.97	239.4	287.28	478.8	4.626
	1/4"	4.11	82.2	98.64	164.4	1.00		1/4"	15.26	312.4	374.88	624.8	4.5
1 3/4 x 1 3/4	11 Ga.	2.66	53.2	63.84	106.4	1.51		5/16"	19.08	381.6	457.92	763.2	4.374
2 x 2	16 Ga.	1.71	34.2	41.04	68.4	1.87		3/8"	22.37	447.4	536.88	894.8	4.25
	14 Ga.	2.164	43.28	51.94	86.56	1.834		1/2"	28.43	568.6	682.32	1137.2	4
	11 Ga.	3.05	61	73.2	122	1.76	6 x 6	3/16"	14.53	290.6	348.72	581.2	5.64
	3/16"	4.32	86.4	103.68	172.8	1.624		1/4"	19.02	380.4	456.48	760.8	5.5
	1/4"	5.41	108.2	129.84	216.4	1.5		5/16"	23.34	466.8	560.16	933.6	5.374
2 1/2 x 2 1/2	14 Ga.	2.73	54.6	65.52	109.2	2.334		3/8"	27.48	549.6	659.52	1099.2	5.25
	11 Ga.	3.9	78	93.6	156	2.26		1/2"	35.24	704.8	845.76	1408.6	5
	3/16"	5.59	111.8	134.16	223.6	2.124	7 x 7	1/4"	22.42	448.4	538.08	896.8	6.5

8 x 8	5/16"	27.59	551.8	662.16	1103.6	6.374
	3/8"	32.58	651.6	781.92	1303.2	6.25
	1/2"	42.05	841	1009.2	1682	6
	3/16"	19.63	392.6	471.12	785.2	
	1/4"	25.82	516.4	619.68	1032.8	7.5
	5/16"	31.84	636.8	764.16	1273.6	7.374
10 x 10	3/8"	37.69	753.8	904.56	1507.6	7.25
	1/2"	48.85	977	1172.4	1954	7
	3/16"	24.73	494.6	593.52	989.2	9.62
	1/4"	32.63	652.6	783.12	1305.2	9.5
	5/16"	40.37	807.4	968.88	1614.8	
	3/8"	47.9	958	1149.6	1916	9.25
12 x 12	1/2"	62.46	1249.2	1499.04	2498.4	9
	1/4"	39.43	788.6	946.32	1577.2	11.5
	5/16"	48.86	977.2	1166.4	1954.4	11.37
	3/8"	58.1	1162	1394.4	2324	11.25
	1/2"	76.06	1521.2	1825.44	3042.4	11
	5/16"	57.36	1147.2	1376.64	2294.4	13.375
14 x 14	3/8"	68.31	1366.2	1637.04	2732.4	13.25
	1/2"	89.68	1793.6	2152.32	3587.2	13
	5/16"	65.87	1317.4	1580.88	2634.8	15.375
16 x 16	3/8"	78.52	1570.4	1884.48	3140.8	15.25
	1/2"	103.3	2066	2479.2	4132	15

TUBE

Aluminium

Round Tube			4.000	.125	1.788
6061 Extruded Seamless				.250	3.454
AMS QQ-A-200/8, ASTM B221				.500	6.465
12' Lengths				.750	9.005
O.D.	Wall thick- ness	Approx. WT./FT.	4.500	.500	7.389
				.750	10.390
1.250	.125	.520	5.000	.250	4.930
	.250	.924		.500	8.313
1.500	.125	.635		.750	11.780
	.250	1.155		1.0	14.780
1.750	.125	1.375	6.000	.125	2.713
2.00	.125	.866		.500	10.160
	.250	1.616		.750	14.550
2.250	.250	1.850		1.0	18.470
	.500	3.233	6.500	.250	5.772
2.500	.125	1.097		.375	8.485
	.250	2.078		.500	11.084
	.500	3.695		1.0	20.320
2.750	.500	4.125	7.0	.250	6.234
	.500	4.907		.375	9.179
3.000	.125	1.328		.500	12.007
	.250	2.540		.750	17.318
	.500	4.618		1.0	22.166
	.750	6.234	7.500	.250	6.696
3.250	.375	3.980		.500	12.930
	.500	5.080		.750	18.703
3.500	.500	5.542		1.0	24.014
	.750	7.620	8.000	.250	7.158
3.750	.500	6.004		.500	13.853

	.750	20.088
	1.0	25.861
8.500	.250	7.620
	.500	14.778
	.750	21.474
	1.0	27.709
9.000	.250	8.081
	.500	15.702
	.750	22.859
	1.0	29.555
9.500	.250	8.542
	.500	16.625
	.750	24.244
	1.0	31.403
10.000	.500	17.548
	.750	25.630
	1.0	33.250
12.000	.500	21.243
	.750	31.172
	1.0	40.640

Square Tube

6063- T52 Sharp Corners
AMS QQ-A-200/g, ASTM B221

21'1" Lengths		
O.D.	Wall Thick.	Approx. WT./FT.
.750	.063	.207
	.125	.368
1.000	.063	.271
	.125	.515
1.250	.125	.654
1.500	.125	.809
1.500	.188	1.161
	.250	1.470
1.750	.125	.955
2.000	.125	1.102
	.188	1.602
	.250	2.058
2.500	.125	1.383
	.250	2.646
3.000	.125	1.691
	.250	3.234
4.000	.125	2.279
	.250	4.410
6.000	.125	3.530
	.188	5.140
	.250	6.762

Rectangular Tube

6063 T52 Sharp Corners
AMS QQ-A-200/g, ASTM B221

21'1" Lengths			
A	B	wall	Approx. WT./FT.
.500	1.0	.125	.363
.750	1.500	.125	.582
1.0	1.500	.125	.654
	2.0	.125	.800
1.250	4.0	.125	1.423
	2.500	.125	1.019
1.500	2.0	.125	.945
	2.500	.125	1.091
1.750	3.0	.125	1.250
	2.250	.125	1.102
	3.0	.125	1.310
2.000	3.0	.125	1.382
	3.0	.250	2.646
	4.0	.125	1.674
3.000	5.0	.125	1.964
	6.0	.125	2.255
	4.0	.125	2.290
2.000	6.0	.125	3.814
	8.0	.125	2.925