

TUBING

Square Tubing
Carbon Steel Mechanical & Structural 34

Rectangular Tubing
Carbon Steel Mechanical & Structural 35



Square & Rectangular Tubing

Structural ASTM A500-Grade B (UNS K03000)

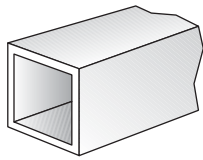
cold formed, electric resistance welded tubing. Provides a high strength-to-weight ratio and is easily welded, formed, punched and drilled.

Structural High Strength, Low Alloy (HSLA-70)

tubing with 70 KSI minimum yield.

Minimum Mechanical Properties

	Tensile Strength KSI	Yield Strength KSI	% Elong. in 2"
ASTM A500 Grade B	58	46	23
ASTM A500 Grade C	62	50	21
HSLA 70	75	70	14



Square Tubing

Carbon Mechanical & Structural
Lengths: 20', 24' and 40' Ft.

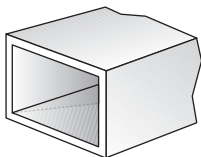
Size in Inches	Wall Gauge	Wall Decimal	Weight per Ft. in Lbs.
3/8 x 3/8	20	.035	.1618
	16	.065	.2740
1/2 x 1/2	20	.035	.2213
	18	.049	.3005
	16	.065	.3845
5/8 x 5/8	18	.049	.3838
	16	.065	.4950
3/4 x 3/4	20	.035	.3403
	18	.049	.4671
	16	.065	.6055
	14	.083	.7529
	13	.095	.8463
7/8 x 7/8	11	.120	1.028
	18	.049	.5504
	16	.065	.6957
	14	.083	.8940
	13	.095	1.008
1 x 1	20	.035	.4533
	18	.049	.6337
	16	.065	.8265

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Size in Inches	Wall Gauge	Wall Decimal	Weight per Ft. in Lbs.	
1 x 1	15	.072	.9087	
	14	.083	1.035	
	13	.095	1.169	
	12	.109	1.321	
1 1/8 x 1 1/8	11	.120	1.436	
	18	.049	.7170	
1 1/4 x 1 1/4	16	.065	.9167	
	18	.049	.8003	
1 1/2 x 1 1/2	16	.065	1.048	
	14	.083	1.317	
	13	.095	1.492	
	12	.109	1.691	
	11	.120	1.800	
	3/16	.188	2.407	
1 1/2 x 1 1/2	18	.049	.9669	
	16	.065	1.269	
	15	.072	1.380	
	14	.083	1.600	
	13	.095	1.815	
	12	.109	1.992	
1 1/2 x 1 1/2	11	.120	2.210	
	3/16	.188	3.040	
1 3/4 x 1 3/4	1/4	.250	4.067	
	16	.065	1.469	
1 3/4 x 1 3/4	14	.083	1.882	
	13	.095	2.138	
	11	.120	2.582	
	2 x 2	18	.049	1.300
	16	.065	1.690	
2 x 2	15	.072	1.880	
	14	.083	2.135	
	13	.095	2.450	
	12	.109	2.803	
	11	.120	2.940	
	1/8	.125	3.050	
	10	.134	3.282	
2 1/4 x 2 1/4	3/16	.188	1.320	
	1/4	.250	5.410	
	16	.065	1.932	
2 1/4 x 2 1/4	1/4	.250	6.800	
	2 1/2 x 2 1/2	16	.065	2.153
2 1/2 x 2 1/2	14	.083	2.728	
	12	.109	3.544	
	11	.120	3.760	
	1/8	.125	3.900	
	10	.134	4.193	
	3/16	.188	5.590	
	1/4	.250	7.110	
3 x 3	14	.083	3.263	
	11	.120	4.580	
	1/8	.125	4.750	
	3/16	.188	6.870	

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Size in Inches	Wall Gauge	Wall Decimal	Weight per Ft. in Lbs.
3 x 3	1/4	.250	8.810
	5/16	.313	10.58
	3/8	.375	12.50
3 1/2 x 3 1/2	1/8	.125	5.610
	3/16	.188	8.150
	1/4	.250	10.51
	5/16	.313	12.70
4 x 4	11	.120	6.220
	1/8	.125	6.460
	3/16	.188	9.420
	1/4	.250	12.21
	5/16	.313	14.83
	3/8	.375	17.27
	1/2	.500	21.63
	3/16	.188	10.70
4 1/2 x 4 1/2	1/4	.250	13.91
	11	.120	7.964
5 x 5	1/8	.125	8.160
	7	.180	11.40
	3/16	.188	11.97
	1/4	.250	15.62
	5/16	.313	19.08
	3/8	.375	22.37
	1/2	.500	28.43
	3/16	.188	14.53
6 x 6	1/4	.250	19.02
	5/16	.313	23.34
	3/8	.375	27.48
	1/2	.500	35.24
	3/16	.188	17.08
7 x 7	1/4	.250	22.42
	5/16	.313	27.59
	3/8	.375	32.58
	1/2	.500	42.05
	3/16	.188	19.63
8 x 8	1/4	.250	25.82
	5/16	.313	31.84
	3/8	.375	37.69
	1/2	.500	48.85
	5/8	.625	59.32
10 x 10	1/4	.250	32.63
	5/16	.313	40.35
	3/8	.375	47.90
	1/2	.500	62.46
12 x 12	5/8	.625	76.33
	1/4	.250	39.43
	5/16	.313	48.86
14 x 14	3/8	.375	58.10
	1/2	.500	76.07
	3/8	.375	69.49
16 x 16	1/2	.500	89.68
	1/2	.500	103.3



Rectangular Tubing

Mechanical & Structural
Carbon Steel
Lengths: 20', 24' and 40' Ft.

Size in Inches	Wall Gauge	Wall Decimal	Weight per Ft. in Lbs.
1 x 1/2	18	.049	.4671
	16	.065	.5852
1 x 3/4	16	.065	.6957
1 1/2 x 1/2	16	.065	.8265
	16	.065	.9167
1 1/2 x 3/4	14	.083	1.176
	11	.120	1.640
	16	.065	1.027
1 1/2 x 1	14	.083	1.317
	11	.120	1.844
	16	.065	1.158
2 x 1	18	.049	.9669
	16	.065	1.248
	15	.072	1.380
	14	.083	1.600
	12	.109	2.062
	11	.120	2.252
	14	.083	1.741
2 x 1 1/2	14	.083	1.852
	11	.120	2.660
	14	.083	1.882
2 1/2 x 1	14	.083	2.023
	14	.083	2.164
2 1/2 x 1 1/2	14	.083	2.164
	11	.120	2.989
	1/8	.125	3.050
	9	.148	3.728
	3/16	.188	4.320
2 1/2 x 2	1/4	.250	5.410
	11	.120	3.351
3 x 1	16	.065	1.711
	14	.083	2.164
	11	.120	3.068
	14	.083	2.446
3 x 1 1/2	13	.095	2.784
	12	.109	3.104
	11	.120	3.476
	1/8	.125	3.480
	3/16	.188	4.960
	1/4	.250	6.800
	16	.065	2.153
3 x 2	14	.083	2.728
	11	.120	3.760
	1/8	.125	3.900
	3/16	.188	5.590
	1/4	.250	7.110
3 x 2	1/4	.250	7.110
	5/16	.313	8.450
3 1/2 x 2 1/2	3/16	.188	6.880
	1/4	.250	8.810
4 x 1 1/2	11	.120	4.292
	14	.083	3.263
4 x 2	14	.083	3.263
	11	.120	4.580

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Rectangular Tubing Continued

Size in Inches	Wall Gauge	Wall Decimal	Weight per Ft. in Lbs.
4 x 2	1/8	.125	4.750
	3/16	.188	6.870
	1/4	.250	8.810
	5/16	.313	10.58
4 x 2 1/2	1/8	.125	5.175
	11	.120	5.516
	1/8	.125	5.610
	3/16	.188	8.150
4 x 3	1/4	.250	10.51
	5/16	.313	12.70
	3/8	.375	14.71
	1/2	.500	21.63
4 1/2 x 2 1/2	1/4	.250	10.51
5 x 2	11	.120	5.516
	1/8	.125	5.610
	10	.134	5.980
	3/16	.188	8.150
	1/4	.250	10.51
5 x 2 1/2	1/4	.250	10.51
	5/16	.313	12.70
	3/8	.375	14.71
	1/2	.500	21.63
5 x 3	11	.120	6.220
	1/8	.125	6.460
5 x 4	3/16	.188	9.420
	1/4	.250	12.21
	5/16	.313	14.83
	3/8	.375	17.27
	1/2	.500	21.63
6 x 2	11	.120	6.220
	1/8	.125	6.460
6 x 3	3/16	.188	9.420
	1/4	.250	12.21
	5/16	.313	14.83
	3/8	.375	17.27
	1/2	.500	21.63
6 x 4	11	.120	7.148
	1/8	.125	7.310
	3/16	.188	10.70
	1/4	.250	13.91
	5/16	.313	16.96
	3/8	.375	19.82
7 x 3	1/2	.500	25.03
	1/8	.125	8.160
	3/16	.188	11.97
	1/4	.250	15.62
	5/16	.313	19.08
7 x 4	3/8	.375	22.37
	1/2	.500	38.43
	3/16	.188	11.97
	1/4	.250	15.62
7 x 5	3/8	.375	22.37
	1/4	.250	17.32
	3/8	.375	24.93
7 x 8	3/16	.188	13.25
	1/4	.250	17.32
	3/8	.375	24.93
	1/2	.500	38.43
7 x 10	3/16	.188	14.53
	1/4	.250	19.02
	5/16	.313	23.34
	3/8	.375	27.48

Continued

Size in Inches	Wall Gauge	Wall Decimal	Weight per Ft. in Lbs.
7 x 5	1/2	.500	35.24
8 x 2	3/16	.188	11.97
	1/4	.250	15.62
	3/8	.375	22.37
8 x 3	3/16	.188	13.25
	1/4	.250	17.32
	5/16	.313	21.21
8 x 4	3/8	.375	24.93
	1/2	.500	31.84
	3/16	.188	14.53
8 x 6	1/4	.250	19.02
	5/16	.313	23.34
	3/8	.375	37.48
	1/2	.500	35.24
9 x 5	3/16	.188	17.08
	1/4	.250	22.42
	5/16	.313	37.59
	3/8	.375	32.58
9 x 7	1/2	.500	42.05
	3/8	.375	35.28
10 x 2	1/4	.250	25.82
	5/16	.313	31.84
10 x 3	3/16	.188	14.53
	1/4	.250	19.02
10 x 4	1/4	.250	20.72
	3/16	.188	17.08
	1/4	.250	22.42
	5/16	.313	27.59
10 x 5	3/8	.375	32.58
	1/2	.500	42.05
	1/4	.250	24.12
10 x 6	3/16	.188	19.63
	1/4	.250	25.82
	5/16	.313	31.84
	3/8	.375	37.69
10 x 8	1/2	.500	48.85
	1/4	.250	29.23
	3/8	.375	42.79
	1/2	.500	55.66
12 x 2	3/16	.188	17.08
	1/4	.250	22.42
12 x 3	1/4	.250	24.12
	3/16	.188	19.63
12 x 4	1/4	.250	25.82
	5/16	.313	31.84
	3/8	.375	37.69
	1/2	.500	48.85
12 x 6	1/4	.250	29.23
	5/16	.313	36.10
	3/8	.375	42.79
12 x 8	1/2	.500	55.66
	1/4	.250	32.63
14 x 4	3/8	.375	47.90
	1/2	.500	62.46
	1/4	.250	29.23
14 x 6	3/8	.375	47.90
	3/8	.375	58.10
16 x 8	3/8	.375	58.10
	1/2	.500	76.07