

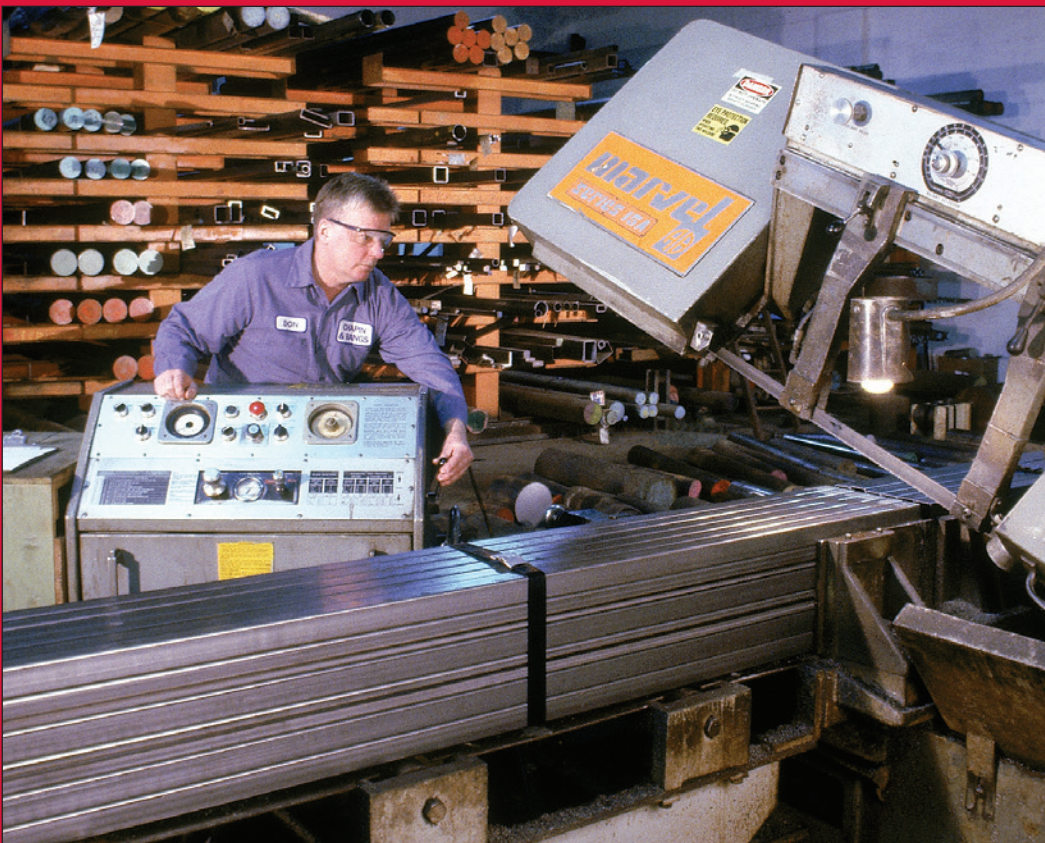
TUBING

Square Tubing

Carbon Steel Mechanical & Structural 36

Rectangular Tubing

Carbon Steel Mechanical & Structural 37



Square & Rectangular Tubing

Structural ASTM A500-Grade B (UNS K03000)

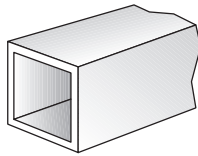
cold formed, electric resistance welded tubing. Provides a high strength-to-weight ratio and is easily welded, formed, punched and drilled.

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.

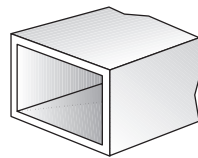
Size in Inches	Wall Gauge	Wall Decimal	Weight per Ft. in Lbs.
3/8 x 3/8	20	.035	.1618
	16	.065	.2740
1/2 x 1/2	20	.035	.2213
	18	.049	.3005
	16	.065	.3845
	14	.083	.4671
5/8 x 5/8	18	.049	.3838
	16	.065	.4950
3/4 x 3/4	20	.035	.3403
	18	.049	.4671
	16	.065	.6055
	14	.083	.7529
	13	.095	.8463
7/8 x 7/8	11	.120	1.028
	18	.049	.5504
	16	.065	.6957
	14	.083	.8940
1 x 1	13	.095	1.008
	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
	11	.120	1.436
1 1/8 x 1 1/8	18	.049	.7170
	16	.065	.9167
1 1/4 x 1 1/4	18	.049	.8003
	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
	1/4	.250	4.067
1 3/4 x 1 3/4	16	.065	1.469
	14	.083	1.882
	13	.095	2.138
	11	.120	2.582
2 x 2	18	.049	1.300
	16	.065	1.690
	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	4.320
	1/4	.250	5.410
2 1/4 x 2 1/4	16	.065	1.932
	1/4	.250	6.800
2 1/2 x 2 1/2	16	.065	2.153
	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
4 x 4	5/16	.313	12.70
	11	.120	6.220
	1/8	.125	6.460
	3/16	.188	9.420
	1/4	.250	12.21
	5/16	.313	14.83
4 1/2 x 4 1/2	3/8	.375	17.27
	1/2	.500	21.63
	3/16	.188	10.70
	1/4	.250	13.91
5 x 5	11	.120	7.964
	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
6 x 6	3/16	.188	14.53
	1/4	.250	19.02
	5/16	.313	23.34
	3/8	.375	27.48
	1/2	.500	35.24
7 x 7	3/16	.188	17.08
	1/4	.250	22.42
	5/16	.313	27.59
	3/8	.375	32.58
	1/2	.500	42.05
8 x 8	3/16	.188	19.63
	1/4	.250	25.82
	5/16	.313	31.84
	3/8	.375	37.69
	1/2	.500	48.85
10 x 10	5/8	.625	59.32
	1/4	.250	32.63
	5/16	.313	40.35
	3/8	.375	47.90
12 x 12	1/2	.500	62.46
	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	
2 x 1 1/4	14	.083	1.741	
	14	.083	1.852	
2 x 1 1/2	11	.120	2.660	
	14	.083	1.882	
	14	.083	2.023	
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	
	1/4	.250	5.410	
2 1/2 x 2	11	.120	3.351	
	3 x 1	16	.065	1.711
	14	.083	2.164	
3 x 1	11	.120	3.068	
	3 x 1 1/2	14	.083	2.446
	13	.095	2.784	
	12	.109	3.104	
3 x 1 1/2	11	.120	3.476	
	1/8	.125	3.480	
	3/16	.188	4.960	
	1/4	.250	6.800	
	3 x 2	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	
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
4 x 1 1/2	1/4	.250	8.810	
	11	.120	4.292	
4 x 2	14	.083	3.263	
	11	.120	4.580	

Continued on Next Page

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			
			3/8	.375	13.43			
4	x	2 1/2	1/8	.125	5.175			
			11	.120	5.516			
			1/8	.125	5.610			
			3/16	.188	8.150			
			1/4	.250	10.51			
4	x	3	1/8	.125	5.610			
			3/16	.188	8.150			
			1/4	.250	10.51			
			5/16	.313	12.70			
			3/8	.375	14.71			
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	1/8	.125	5.924			
			3/16	.188	8.880			
			5	x	3	11	.120	6.220
			1/8	.125	6.460			
			3/16	.188	9.420			
5	x	3	1/4	.250	12.21			
			5/16	.313	14.83			
			3/8	.375	17.27			
			1/2	.500	21.63			
			5	x	4	3/16	.188	10.70
5	x	4	1/4	.250	13.91			
			6	x	2	11	.120	6.220
			1/8	.125	6.460			
			3/16	.188	9.420			
			1/4	.250	12.21			
6	x	2	5/16	.313	14.83			
			3/8	.375	17.27			
			6	x	3	11	.120	7.148
			1/8	.125	7.310			
			3/16	.188	10.70			
6	x	3	1/4	.250	13.91			
			5/16	.313	16.96			
			3/8	.375	19.82			
			1/2	.500	25.03			
			6	x	4	1/8	.125	8.160
6	x	4	3/16	.188	11.97			
			1/4	.250	15.62			
			5/16	.313	19.08			
			3/8	.375	22.37			
			1/2	.500	38.43			
7	x	3	3/16	.188	11.97			
			1/4	.250	15.62			
			3/8	.375	22.37			
7	x	4	3/16	.188	13.25			
			1/4	.250	17.32			
			3/8	.375	24.93			
7	x	5	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	3	3/8	.375	24.93			
			1/2	.500	31.84			
			8	x	4	3/16	.188	14.53
8	x	4	1/4	.250	19.02			
			5/16	.313	23.34			
			3/8	.375	27.48			
8	x	4	1/2	.500	35.24			
			8	x	6	3/16	.188	17.08
			1/4	.250	22.42			
8	x	6	5/16	.313	27.59			
			3/8	.375	32.58			
			1/2	.500	42.05			
9	x	5	3/8	.375	35.28			
9	x	7	1/4	.250	25.82			
			5/16	.313	31.84			
			10	x	2	3/16	.188	14.53
10	x	2	1/4	.250	19.02			
			10	x	3	1/4	.250	20.72
10	x	4	3/16	.188	17.08			
			1/4	.250	22.42			
			5/16	.313	27.59			
10	x	4	3/8	.375	32.58			
			182	.500	42.05			
			10	x	5	1/4	.250	24.12
10	x	6	3/16	.188	19.63			
			1/4	.250	25.82			
			5/16	.313	31.84			
10	x	6	3/8	.375	37.69			
			1/2	.500	48.85			
			10	x	8	1/4	.250	29.23
10	x	8	3/8	.375	42.79			
			1/2	.500	55.66			
			12	x	2	3/16	.188	17.08
12	x	2	1/4	.250	22.42			
			12	x	3	1/4	.250	24.12
12	x	4	3/16	.188	19.63			
			1/4	.250	25.82			
			5/16	.313	31.84			
12	x	4	3/8	.375	37.69			
			1/2	.500	48.85			
			12	x	6	1/4	.250	29.23
12	x	6	5/16	.313	36.10			
			3/8	.375	42.79			
			1/2	.500	55.66			
12	x	8	1/4	.250	32.63			
			3/8	.375	47.90			
			1/2	.500	62.46			
14	x	4	1/4	.250	29.23			
14	x	6	3/8	.375	47.90			
14	x	10	3/8	.375	58.10			
16	x	8	3/8	.375	58.10			
			1/2	.500	76.07			