



ELKHART STEEL SERVICE, INC.

3604 Henke Street * Elkhart, IN 46514
(574) 262-2552 or (800) 872-3774
Fax (574) 262-8743



Elkhart Steel Service, Inc. has been serving customers for over 100 years. First, as the steel warehousing division of Elkhart Bridge & Iron, and independently since 1979, as Elkhart Steel Service, Inc.

ESSI is headquartered in a modern 50,000 sq. ft. warehouse nestled on 5 acres in Northern Indiana.

Our fleet will make "next-day" deliveries on in-stock items. You will find ESSI to be responsive and aggressive to your needs. On items we do not stock, we will buy them for you, using our buying power to your advantages, and passing the savings on to you.

ESSI buys and sells Prime Quality Certified American milled steel products. The vast majority (90%) is stored inside for the advantages it brings our customers in quality and reduced handling and processing cost.

When you have materials which you use on a regular basis, ESSI will quote firm pricing. This will give you a fixed cost to work with and count on. We will review this pricing on a quarterly basis.

We welcome any questions or inquiries you may have. You will be offered competitive prices, excellent availability, fast delivery, and the prompt, courteous service that has been our trademark for over 100 years.

Please Contact Elkhart Steel at the Following:

Phone: (574) 262-2552 or (800) 872-3774 * Fax: (574) 262-8743
Sales email: sales@elkhartsteel.com
Accounting email: accounting@elkhartsteel.com
Purchasing email: purchasing@elkhartsteel.com

ELKHART STEEL SERVICE, INC.

We Accept Visa / MasterCard / Checks and Cash for Payment

Shipping & Receiving Hours are:

Monday thru Friday - 7:00 AM to 2:00 PM EST

Our Office Hours are:

Monday thru Friday - 8:00 AM to 5:00 PM EST

PRODUCTS

HOT ROLLED

- Angles
- Channels
- Beams
- Plate
- Floor Plate
- Rounds
- Wire
- Squares
- Flats

COLD ROLLED

- Rounds
- Squares
- Flats
- Hexagons

ROLL FORM

- Angles
- Channels
- Zee Sections
- Hat Sections

TUBING & PIPE

- Rounds
- Squares
- Rectangles
- Pipe

SHEETS

- Hot Roll
- Cold Roll
- Galvanized

OTHER

- Expanded Metal
- Aluminum
- Stainless
- Alloy
- Re-Rod
- Threaded Rod
- Grating
- Tool Steel

PROCESSING

- Roll Forming
- Saw Cutting
- Flame Cutting
- Shearing
- Straight & Cut Wire

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Hot Rolled Rounds

Size	Wt. Per Ft.	Wt. For 20' Length	Size	Wt. Per Ft.	Wt. For 20' Length
1/8	.0417	.834	4	42.73	854.60
3/16	.094	1.88	4 1/4	48.23	964.60
1/4	.167	3.34	4 1/2	54.08	1081.60
5/16	.261	5.22	4 5/8	57.12	1142.40
3/8	.376	7.52	4 3/4	60.25	1205.00
7/16	.511	10.22	5	66.76	1335.20
1/2	.668	13.36	5 1/4	73.60	1472.00
9/16	.845	16.90	5 1/2	80.78	1615.60
5/8	1.04	20.80	5 3/4	88.29	1765.80
3/4	1.50	30.00	6	96.13	1922.60
7/8	2.04	40.80	6 1/4	104.3	2086.00
1	2.67	53.40	6 1/2	112.8	2256.00
1 1/8	3.38	67.60	6 3/4	121.7	2434.00
1 1/4	4.17	83.40	7	130.9	2618.00
1 3/8	5.05	101.00	7 1/4	140.4	2808.00
1 1/2	6.01	120.20	7 1/2	150.2	3004.00
1 5/8	7.05	141.00	7 3/4	160.4	3208.00
1 3/4	8.18	163.60	8	170.9	3418.00
1 7/8	9.39	187.80	8 1/4	181.8	3636.00
2	10.68	213.60	8 1/2	192.9	3858.00
2 1/4	13.52	270.40	8 3/4	204.5	4090.00
2 3/8	15.06	301.20	9	216.3	4326.00
2 1/2	16.69	333.80	9 1/4	228.5	4570.00
2 5/8	18.40	368.00	9 1/2	241.0	4820.00
2 3/4	20.19	403.80	10	267.0	5340.00
3	24.03	480.60	10 1/2	294.4	5888.00
3 1/4	28.21	564.20	11	323.1	6462.00
3 1/2	32.71	654.20	12	384.5	7690.00
3 3/4	37.55	751.00			

**Our Trucks Deliver
In Michigan And Indiana**

Hot Rolled Squares

Size	Wt. Per Ft.	Wt. For 20' Length	Size	Wt. Per Ft.	Wt. For 20' Length
1/4	.213	4.26	1 3/4	10.41	208.20
5/16	.332	6.64	1 7/8	11.95	239.00
3/8	.478	9.56	2	13.60	272.00
7/16	.651	13.02	2 1/4	17.21	344.20
1/2	.850	17.00	2 1/2	21.25	425.00
9/16	1.08	21.60	2 3/4	25.71	514.20
5/8	1.33	26.60	3	30.60	612.00
11/16	1.61	32.20	3 1/4	35.91	718.20
3/4	1.91	38.20	3 1/2	41.65	833.00
7/8	2.60	52.00	3 3/4	47.81	956.20
1	3.40	68.00	4	54.40	1088.00
1 1/8	4.30	86.00	4 1/2	68.85	1377.00
1 1/4	5.31	106.20	5	85.00	1700.00
1 3/8	6.43	128.60	6	122.40	2448.00
1 1/2	7.65	153.00			
1 5/8	8.98	179.60			

Hot Rolled Strip

Size	Wt. Per Ft.	Wt. For 16' Length	Size	Wt. Per Ft.	Wt. For 16' Length
1/8" x 3/8	.159	2.54	1/8" x 4 1/2	1.91	30.56
x 1/2	.213	3.41	x 5	2.13	34.08
x 5/8	.266	4.26	x 5 1/2	2.34	37.44
x 3/4	.319	5.10	x 6	2.55	40.80
x 7/8	.372	5.95	x 7	2.98	47.68
x 1	.425	6.80	x 8	3.40	54.40
x 1 1/8	.478	7.65	x 9	3.83	61.28
x 1 1/4	.531	8.50	x 10	4.25	68.00
x 1 3/8	.584	9.34	x 12	5.10	81.60
x 1 1/2	.638	10.21	3/16"x 3/8	.239	3.824
x 1 3/4	.744	11.90	x 1/2	.319	5.10
x 2	.850	13.60	x 5/8	.398	6.37
x 2 1/4	.956	15.30	x 3/4	.478	7.65
x 2 1/2	1.06	16.96	x 7/8	.558	8.93
x 2 3/4	1.17	18.72	x 1	.638	10.21
x 3	1.28	20.48	x 1 1/8	.717	11.47
x 3 1/4	1.38	22.08	x 1 1/4	.797	12.75
x 3 1/2	1.49	23.84	x 1 3/8	.877	14.03
x 4	1.70	27.20	x 1 1/2	.956	15.30

Hot Rolled Strip (con't)

Size	Wt. Per Ft.	Wt. For 16' Length	Size	Wt. Per Ft.	Wt. For 16' Length
3/16" x 1 3/4	1.12	17.92	3/16"x 4 1/2	2.87	45.92
x 2	1.28	20.48	x 5	3.19	51.04
x 2 1/4	1.43	22.88	x 5 1/2	3.51	56.16
x 2 1/2	1.59	25.44	x 6	3.83	61.28
x 2 3/4	1.75	28.00	x 7	4.46	71.36
x 3	1.91	30.56	x 8	5.10	81.60
x 3 1/4	2.07	33.12	x 9	5.74	91.84
x 3 1/2	2.23	35.68	x 10	6.38	102.08
x 4	2.55	40.80	x 12	7.65	122.40

Steel Wire Round Basic

1008 Industrial Quality

**BRIGHT
DRAWN**

**SOFT
GALVANIZED**

**BLACK
ANNEALED**

Standard Coils — 14" to 24" I.D.

Stems generally available

Can be furnished in straightened and cut lengths

Gage	Diameter Dec.	Lbs. per 100 Ft.
20	.0348	.32
18	.0475	.60
17	.0540	.78
16	.0625	1.04
15	.0720	1.38
14	.0800	1.71
13	.0915	2.24
12	.1055	2.97
11	.1205	3.88
1 1/8	.125	4.17
10	.1350	4.87
9	.1483	5.87
5/32	.1563	6.52
8	.1620	7.01
7	.1770	8.37
3/16	.1875	9.39
6	.1920	9.84
5	.2070	11.44

Steel Wire Round Basic (con't)

BARS

Gage	Diameter	Dec.	Lbs. per 100 Ft.
7/32		.2188	12.78
4		.2253	13.55
3		.2437	15.86
1/4		.250	16.69
9/32		.2813	21.13
5/16		.3125	26.08
3/8		.375	37.55
1/2		.500	66.76

Hot Rolled Flats

Size	Wt. Per Ft.	Wt. For 20' Length	Size	Wt. Per Ft.	Wt. For 20' Length
1/4 x 3/8	.319	6.38	1/4 x 4 1/4	3.61	72.20
x 1/2	.425	8.50	x 4 1/2	3.83	76.60
x 5/8	.531	10.62	x 5	4.25	85.00
x 3/4	.638	12.76	x 5 1/2	4.68	93.60
x 7/8	.744	14.88	x 6	5.10	102.00
x 1	.850	17.00	x 7	5.95	119.00
x 1 1/8	.956	19.12	x 7 1/2	6.38	127.60
x 1 1/4	1.06	21.20	x 8	6.80	136.00
x 1 3/8	1.17	23.40	9UM	7.66	153.20
x 1 1/2	1.28	25.60	10UM	8.51	170.20
x 1 5/8	1.38	27.60	11UM	9.36	187.20
x 1 3/4	1.49	29.80	11 1/2UM	9.78	195.60
x 2	1.70	34.00	12 UM	10.21	204.20
x 2 1/4	1.91	38.20			
x 2 1/2	2.13	42.60	5/16x 1/2	.531	10.62
x 2 3/4	2.34	46.80	x 5/8	.664	13.28
x 3	2.55	51.00	x 3/4	.797	15.94
x 3 1/4	2.76	55.20	x 7/8	.930	18.60
x 3 1/2	2.98	59.60	x 1	1.06	21.20
x 3 3/4	3.19	63.80	x 1 1/8	1.20	24.00
x 4	3.40	68.00	x 1 1/4	1.33	26.60

Hot Rolled Flats (con't)

Size		Wt. Per Fl.	Wt. For 20' Length	Size		Wt. Per Ft.	Wt. For 20' Length
5/16x	1 3/8	1.46	29.20	3/8 x	6	7.66	153.20
x	1 1/2	1.59	31.80	x	7	8.93	178.60
x	1 3/4	1.86	37.20	x	8	10.21	204.20
x	2	2.13	42.60		9UM	11.49	229.80
x	2 1/4	2.39	47.80		10UM	12.76	255.20
x	2 1/2	2.66	53.20		12UM	15.31	306.20
x	2 3/4	2.92	58.40				
x	3	3.19	63.80	1/2 x	5/8	1.06	21.20
x	3 1/4	3.45	69.00	x	3/4	1.28	25.60
x	3 1/2	3.72	74.40	x	7/8	1.49	29.80
x	4	4.25	85.00	x	1	1.70	34.00
x	4 1/2	4.78	95.60	x	1 1/8	1.91	38.20
x	5	5.31	106.20	x	1 1/4	2.13	42.60
x	5 1/2	5.84	116.80	x	1 3/8	2.34	46.80
x	6	6.38	127.60	x	1 1/2	2.55	51.00
x	7	7.44	148.80	x	1 5/8	2.77	55.40
x	8	8.50	170.00	x	1 3/4	2.98	59.60
x	9UM	9.57	191.40	x	2	3.40	68.00
x	10UM	10.64	212.80	x	2 1/4	3.83	76.60
x	12UM	12.76	255.20	x	2 1/2	4.25	85.00
				x	2 3/4	4.68	93.60
3/8 x	1/2	.638	12.76	x	3	5.10	102.00
x	5/8	.797	15.94	x	3 1/4	5.53	110.60
x	3/4	.956	19.12	x	3 1/2	5.96	119.20
x	7/8	1.12	22.40	x	3 3/4	6.38	127.60
x	1	1.28	25.60	x	4	6.81	136.20
x	1 1/8	1.44	28.80	x	4 1/2	7.66	153.20
x	1 1/4	1.60	32.00	x	5	8.51	170.20
x	1 3/8	1.75	35.00	x	5 1/2	9.36	187.20
x	1 1/2	1.91	38.20	x	6	10.21	204.20
x	1 5/8	2.07	41.40	x	7	11.91	238.20
x	1 3/4	2.23	44.60	x	8	13.61	272.20
x	2	2.55	51.00		9UM	15.31	306.20
x	2 1/4	2.87	57.40		10UM	17.02	340.40
x	2 1/2	3.19	63.80		12UM	20.42	408.40
x	2 3/4	3.51	70.20				
x	3	3.83	76.60	5/8 x	3/4	1.60	32.00
x	3 1/4	4.15	83.00	x	7/8	1.86	37.20
x	3 1/2	4.47	89.40	x	1	2.13	42.60
x	4	5.10	102.00	x	1 1/4	2.66	53.20
x	4 1/2	5.74	114.80	x	1 3/8	2.92	58.40
x	5	6.38	127.60	x	1 1/2	3.19	63.80
x	5 1/2	7.02	140.40				

Hot Rolled Flats (con't)

Size		Wt. Per Ft.	Wt. For 20' Length	Size		Wt. Per Ft.	Wt. For 20' Length
5/8 x	1 5/8	3.46	69.20	7/8 x	1	2.98	59.60
x	1 3/4	3.72	74.40	x	1 1/4	3.72	74.40
x	2	4.25	85.00	x	1 3/8	4.09	81.80
x	2 1/4	4.79	95.80	x	1 1/2	4.46	89.20
x	2 1/2	5.32	106.40	x	1 3/4	5.21	104.20
x	2 3/4	5.85	117.00	x	2	5.95	119.00
x	3	6.38	127.60	x	2 1/4	6.69	133.80
x	3 1/4	6.91	138.20	x	2 1/2	7.44	148.80
x	3 1/2	7.44	148.80	x	3	8.93	178.60
x	4	8.51	170.20	x	3 1/2	10.41	208.20
x	4 1/2	9.57	191.40	x	4	11.90	238.00
x	5	10.64	212.80	x	4 1/2	13.39	267.80
x	5 1/2	11.70	234.00	x	5	14.88	297.60
x	6	12.76	255.20	x	5 1/2	16.36	327.20
x	7	14.89	297.80	x	6	17.85	357.00
x	8	17.02	340.40	x	7	20.83	416.60
	9UM	19.14	382.80	x	8	23.80	476.00
	10UM	21.27	425.40		10UM	29.78	595.60
	12UM	25.52	510.40		12UM	35.73	714.60
3/4 x	7/8	2.23	44.60	1 x	1 1/4	4.25	85.00
x	1	2.55	51.00	x	1 1/2	5.10	102.00
x	1 1/8	2.87	57.40	x	1 3/4	5.95	119.00
x	1 1/4	3.19	63.80	x	2	6.80	136.00
x	1 1/2	3.83	76.60	x	2 1/4	7.65	153.00
x	1 5/8	4.15	83.00	x	2 1/2	8.50	170.00
x	1 3/4	4.47	89.40	x	2 3/4	9.35	187.00
x	2	5.10	102.00	x	3	10.20	204.00
x	2 1/4	5.74	114.80	x	3 1/4	11.05	221.00
x	2 1/2	6.38	127.60	x	3 1/2	11.90	238.00
x	2 3/4	7.02	140.40	x	4	13.60	272.00
x	3	7.66	153.20	x	4 1/2	15.30	306.00
x	3 1/4	8.30	166.00	x	5	17.00	340.00
x	3 1/2	8.93	178.60	x	5 1/2	18.70	374.00
x	4	10.21	204.20	x	6	20.40	408.00
x	4 1/2	11.49	229.80	x	7	23.80	476.00
x	5	12.76	255.20	x	8	27.20	544.00
x	5 1/2	14.04	280.80		9UM	30.63	612.60
x	6	15.31	306.20		10UM	34.03	680.60
x	7	17.87	357.40		11UM	37.44	748.80
x	8	20.42	408.40		12UM	40.84	816.80
	9UM	22.97	459.40				
	10UM	25.52	510.40				
	12UM	30.63	612.60				

Hot Rolled Flats (con't)

Size		Wt. Per Ft.	Wt. For 20' Length	Size		Wt. Per Ft.	Wt. For 20' Length
1 1/8x	2	7.65	153.00	1 3/4x	4 1/2	26.78	535.60
x	2 1/2	9.56	191.20	x	5	29.75	595.00
x	3	11.48	229.60	x	5 1/2	32.73	654.60
x	3 1/2	13.39	267.80	x	6	35.70	714.00
x	4	15.30	306.00	2	x 2 1/4	15.30	306.00
x	5	19.13	382.60	x	2 1/2	17.00	340.00
x	6	22.95	459.00	x	3	20.40	408.00
1 1/4x	1 1/2	6.38	127.60	x	3 1/2	23.80	476.00
x	1 3/4	7.44	148.80	x	4	27.20	544.00
x	2	8.50	170.00	x	4 1/2	30.60	612.00
x	2 1/4	9.56	191.20	x	5	34.00	680.00
x	2 1/2	10.63	212.60	x	5 1/2	37.40	748.00
x	2 3/4	11.69	233.80	x	6	40.80	816.00
x	3	12.75	255.00	x	7	47.60	952.00
x	3 1/4	13.81	276.20	x	8	54.40	1088.00
x	3 1/2	14.88	297.60	2 1/2x	3	25.50	510.00
x	4	17.00	340.00	x	3 1/2	29.75	595.00
x	4 1/2	19.13	382.60	x	4	34.00	680.00
x	5	21.25	425.00	x	4 1/2	38.25	765.00
x	5 1/2	23.38	467.60	x	5	42.50	850.00
x	6	25.50	510.00	x	6	51.00	1020.00
x	7	29.75	595.00	3	x 4	40.80	816.00
x	8	34.00	680.00	x	4 1/2	45.90	918.00
1 1/2x	1 3/4	8.93	178.60	x	5	51.00	1020.00
x	2	10.20	204.00	x	6	61.20	1224.00
x	2 1/4	11.48	229.60				
x	2 1/2	12.75	255.00				
x	2 3/4	14.03	280.60				
x	3	15.30	306.00				
x	3 1/2	17.85	357.00				
x	4	20.40	408.00				
x	4 1/2	22.95	459.00				
x	5	25.50	510.00				
x	5 1/2	28.05	561.00				
x	6	30.60	612.00				
x	7	35.70	714.00				
x	8	40.80	816.00				
1 3/4x	2	11.90	238.00				
x	2 1/2	14.88	297.60				
x	2 3/4	16.36	327.20				
x	3	17.85	357.00				
x	3 1/2	20.83	416.60				
x	4	23.80	476.00				

Cold Finished Rounds

BARS

Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar
1/8	.042	.504	1 7/16	5.518	66.22
5/32	.065	.780	1 1/2	6.008	72.10
3/16	.094	1.13	1 9/16	6.519	78.23
7/32	.128	1.54	1 5/8	7.051	84.61
1/4	.167	2.00	1 11/16	7.604	91.25
17/64	.188	2.26	1 3/4	8.178	98.14
9/32	.211	2.53	1 13/16	8.773	105.28
5/16	.261	3.13	1 7/8	9.388	112.66
21/64	.288	3.46	1 15/16	10.024	120.29
11/32	.316	3.79	2	10.68	128.16
3/8	.376	4.51	2 1/16	11.36	136.32
25/64	.408	4.90	2 1/8	12.06	144.72
13/32	.441	5.29	2 3/16	12.78	153.36
7/16	.511	6.13	2 1/4	13.52	162.24
15/32	.587	7.04	2 5/16	14.28	171.36
1/2	.668	8.02	2 3/8	15.06	180.72
33/64	.710	8.52	2 7/16	15.87	190.44
17/32	.754	9.05	2 1/2	16.69	200.28
9/16	.845	10.14	2 9/16	17.53	210.36
19/32	.941	11.29	2 5/8	18.40	220.80
5/8	1.043	12.52	2 11/16	19.29	231.48
41/64	1.096	13.15	2 3/4	20.19	242.28
11/16	1.262	15.14	2 13/16	21.12	253.44
23/32	1.380	16.56	2 7/8	22.07	264.84
3/4	1.502	18.02	2 15/16	23.04	276.48
49/64	1.565	18.78	3	24.03	288.36
25/32	1.630	19.56	3 1/16	25.05	300.60
13/16	1.763	21.16	3 1/8	26.08	312.96
27/32	1.901	22.81	3 3/16	27.13	325.56
7/8	2.045	24.54	3 1/4	28.21	338.52
57/64	2.118	25.42	3 5/16	29.30	351.60
29/32	2.193	26.32	3 3/8	30.42	365.04
15/16	2.347	28.16	3 7/16	31.55	378.60
1	2.670	32.04	3 1/2	32.71	392.52
1 1/16	3.015	36.18	3 9/16	33.89	406.68
1 1/8	3.380	40.56	3 5/8	35.09	421.08
1 3/16	3.766	45.19	3 11/16	36.31	435.72
1 1/4	4.172	50.06	3 3/4	37.55	450.60
1 5/16	4.600	55.20	3 7/8	40.10	481.20
1 3/8	5.049	60.59	3 15/16	41.40	496.80

Available Grades: C1018, C1045, C1215, C12L14, C1117, C11L17, C1137, C1141

Stress Proof • Fatigue Proof

Cold Finished Rounds (con't)

Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar
4	42.73	512.76	5 5/8	84.49	1013.88
4 1/8	45.44	545.28	5 3/4	88.29	1059.48
4 3/16	46.83	561.96	5 7/8	92.17	1106.04
4 1/4	48.23	578.76	5 15/16	94.14	1129.68
4 3/8	51.11	613.32	6	96.13	1153.56
4 7/16	52.58	630.96	6 1/8	100.18	1202.16
4 1/2	54.08	648.96	6 1/4	104.31	1251.72
4 9/16	55.59	667.08	6 1/2	112.82	1353.84
4 5/8	57.12	685.44	6 3/4	121.67	1460.04
4 3/4	60.25	723.00	7	130.85	1570.20
4 7/8	63.46	761.52	7 1/4	140.36	1684.32
4 15/16	65.10	781.20	7 1/2	150.21	1802.52
5	66.76	801.12	8	170.90	2050.80
5 1/8	70.14	841.68	8 1/2	192.93	2315.16
5 1/4	73.60	883.20	9	216.30	2595.60
5 3/8	77.15	925.80	10	267.00	3204.00
5 7/16	78.95	947.40	12	384.53	4614.36
5 1/2	80.78	969.36			

Cold Finished Squares

Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar
1/8	.053	.636	9/16	1.076	12.91
5/32	.083	1.0	5/8	1.329	15.95
3/16	.120	1.44	11/16	1.608	19.30
7/32	.163	1.96	3/4	1.914	22.97
1/4	.213	2.56	13/16	2.246	26.95
9/32	.269	3.23	7/8	2.605	31.26
5/16	.332	3.98	15/16	2.990	35.88
11/32	.402	4.82	1	3.402	40.82
3/8	.478	5.74	1 1/16	3.841	46.09
7/16	.651	7.81	1 1/8	4.306	51.67
1/2	.850	10.20	1 3/16	4.798	57.58

Cold Finished Squares (con't)

Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Wt. For 12' Bar
1 1/4	5.316	63.79	2 1/2	21.26	255.12
1 5/16	5.861	70.33	2 5/8	23.43	281.16
1 3/8	6.432	77.18	2 3/4	25.73	308.76
1 7/16	7.030	84.36	2 7/8	28.10	337.20
1 1/2	7.655	91.86	3	30.60	367.20
1 9/16	8.306	99.67	3 1/4	35.91	430.92
1 5/8	8.984	107.81	3 1/2	41.65	499.80
1 3/4	10.419	125.03	3 3/4	47.81	573.72
1 7/8	11.95	143.40	4	54.40	625.80
2	13.60	163.20	4 1/2	68.85	826.20
2 1/8	15.35	184.20	5	85.00	1020.00
2 1/4	17.22	206.64	5 1/2	102.85	1234.20
2 3/8	19.18	230.16	6	122.40	1468.80

Cold Finished Flats

Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar
1/8 x 3/16	.080	.96	1/8 x 2	.850	10.20
x 1/4	.106	1.27	x 2 1/4	.956	11.47
x 5/16	.133	1.60	x 2 1/2	1.06	12.76
x 3/8	.159	1.91	x 2 3/4	1.17	14.03
x 7/16	.186	2.23	x 3	1.28	15.30
x 1/2	.213	2.56	x 3 1/2	1.49	17.86
x 9/16	.239	2.87	x 3 3/4	1.59	19.13
x 5/8	.266	3.19	x 4	1.70	20.40
x 11/16	.292	3.52	x 4 1/2	1.91	22.96
x 3/4	.319	3.83	x 5	2.13	25.50
x 7/8	.372	4.46	x 6	2.55	30.60
x 1	.425	5.10			
x 1 1/8	.478	5.74	3/16x 1/4	.159	1.91
x 1 1/4	.531	6.37	x 5/16	.199	2.39
x 1 3/8	.584	7.01	x 3/8	.239	2.87
x 1 1/2	.638	7.66	x 7/16	.279	3.35
x 1 3/4	.744	8.93	x 1/2	.319	3.83
			x 9/16	.359	4.31

Available Grades C1018 and 11L17

Cold Finished Flats (con't)

Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar
3/16x 5/8	.398	4.78	1/4 x 1 5/8	1.381	16.57
x 3/4	.478	5.74	x 1 3/4	1.488	17.86
x 7/8	.558	6.70	x 1 7/8	1.594	19.13
x 1	.638	7.66	x 2	1.700	20.40
x 1 1/8	.717	8.60	x 2 1/4	1.913	22.96
x 1 1/4	.797	9.56	x 2 1/2	2.125	25.50
x 1 3/8	.877	10.52	x 2 3/4	2.338	28.06
x 1 1/2	.956	11.47	x 3	2.550	30.60
x 1 3/4	1.12	13.39	x 3 1/4	2.763	33.12
x 1 7/8	1.20	14.34	x 3 1/2	2.975	35.70
x 2	1.28	15.30	x 3 3/4	3.188	38.26
x 2 1/4	1.43	17.21	x 4	3.400	40.80
x 2 1/2	1.59	19.31	x 4 1/2	3.825	45.90
x 2 3/4	1.75	21.04	x 4 3/4	4.038	48.46
x 3	1.91	22.96	x 5	4.250	51.00
x 3 1/4	2.07	24.86	x 5 1/2	4.675	56.10
x 3 1/2	2.23	26.77	x 6	5.100	61.20
x 3 3/4	2.39	26.68	x 6 1/2	5.525	66.30
x 4	2.55	30.60	x 7	5.950	71.40
x 4 1/2	2.87	34.42	x 8	6.800	81.60
x 5	3.19	38.26	x 9	7.650	91.80
x 6	3.83	45.90	x 10	8.500	102.00
x 8	5.10	61.20	x 11	9.350	112.20
x 10	6.38	76.50	x 12	10.200	122.40
1/4 x 5/16	.266	3.19	5/16x 3/8	.398	4.78
x 3/8	.319	3.83	x 7/16	.465	5.58
x 7/16	.372	4.46	x 1/2	.531	6.37
x 1/2	.425	5.10	x 9/16	.598	7.18
x 9/16	.478	5.74	x 5/8	.664	7.97
x 5/8	.531	6.37	x 3/4	.797	9.56
x 11/16	.584	7.01	x 7/8	.930	11.16
x 3/4	.638	7.66	x 1	1.063	12.76
x 7/8	.744	8.93	x 1 1/8	1.195	14.34
x 1	.850	10.20	x 1 1/4	1.328	15.94
x 1 1/8	.956	11.47	x 1 3/8	1.461	17.53
x 1 1/4	1.063	12.76	x 1 1/2	1.594	19.13
x 1 3/8	1.169	14.03	x 1 3/4	1.859	22.31
x 1 1/2	1.275	15.30	x 2	2.125	25.50
			x 2 1/4	2.391	28.69
			x 2 1/2	2.656	31.87

Cold Finished Flats (con't)

Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar
5/16x 2 3/4	2.922	35.06	3/8 x 7	8.925	107.10
x 3	3.188	38.26	x 8	10.200	122.40
x 3 1/4	3.453	41.45	x 9	11.480	137.76
x 3 1/2	3.719	44.63	x 10	12.750	153.00
x 4	4.250	51.00	x 11	14.030	168.36
x 4 1/2	4.781	57.37	x 12	15.300	183.60
x 5	5.313	63.76	1/2 x 9/16	.956	11.47
x 6	6.375	76.50	x 5/8	1.063	12.76
x 7	7.438	89.26	x 11/16	1.169	14.03
x 8	8.500	102.00	x 3/4	1.275	15.30
x 10	10.625	127.50	x 13/16	1.381	16.58
x 12	12.750	153.00	x 7/8	1.486	17.86
3/8 x 7/16	.558	6.70	x 1	1.70	20.40
x 1/2	.638	7.66	x 1 1/8	1.91	22.96
x 9/16	.717	8.60	x 1 1/4	2.13	25.50
x 5/8	.797	9.56	x 1 3/8	2.34	28.06
x 11/16	.877	10.52	x 1 1/2	2.55	30.60
x 3/4	.956	11.47	x 1 5/8	2.76	33.16
x 7/8	1.166	13.39	x 1 3/4	2.98	35.70
x 1	1.275	15.30	x 2	3.40	40.80
x 1 1/8	1.434	17.21	x 2 1/4	3.83	45.90
x 1 1/4	1.594	19.13	x 2 1/2	4.25	51.00
x 1 3/8	1.753	21.04	x 2 3/4	4.68	56.10
x 1 1/2	1.913	22.96	x 3	5.10	61.20
x 1 5/8	2.072	24.86	x 3 1/4	5.53	66.30
x 1 3/4	2.231	26.77	x 3 1/2	5.95	71.40
x 1 7/8	2.391	28.69	x 3 3/4	6.38	76.58
x 2	2.550	30.60	x 4	6.80	81.60
x 2 1/4	2.869	34.43	x 4 1/4	7.23	86.76
x 2 1/2	3.188	38.26	x 4 1/2	7.65	91.80
x 2 3/4	3.506	42.07	x 4 3/4	8.08	96.96
x 3	3.825	45.90	x 5	8.50	102.00
x 3 1/4	4.144	49.73	x 5 1/2	9.35	112.20
x 3 1/2	4.463	53.56	x 5 3/4	9.78	117.36
x 3 3/4	4.781	57.37	x 6	10.20	122.40
x 4	5.100	61.20	x 7	11.90	142.80
x 4 1/2	5.738	68.86	x 8	13.60	163.20
x 5	6.375	76.50	x 9	15.30	183.60
x 5 1/2	7.013	84.16	x 10	17.00	204.00
x 6	7.650	91.80	x 11	18.70	224.40
			x 12	20.40	244.80

Cold Finished Flats (con't)

Size		Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar	Size		Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar
5/8	x 11/16	1.46	17.53	3/4	x 2 1/4	5.74	68.86
	x 3/4	1.59	19.13		x 2 1/2	6.38	76.50
	x 13/16	1.73	20.72		x 2 3/4	7.01	84.16
	x 7/8	1.86	22.31		x 3	7.65	91.80
	x 1	2.13	25.50		x 3 1/4	8.29	99.46
	x 1 1/8	2.39	28.69		x 3 1/2	8.93	107.10
	x 1 1/4	2.66	31.87		x 3 3/4	9.56	114.72
	x 1 3/8	2.92	35.06		x 4	10.20	122.40
	x 1 1/2	3.19	38.20		x 4 1/2	11.48	137.70
	x 1 5/8	3.45	41.44		x 5	12.75	153.00
	x 1 3/4	3.72	44.63		x 5 1/2	14.03	168.30
	x 2	4.25	51.00		x 6	15.30	183.60
	x 2 1/4	4.78	57.37		x 6 1/2	16.58	198.96
	x 2 1/2	5.31	63.76		x 7	17.85	214.20
	x 2 3/4	5.84	70.13		x 8	20.40	244.80
	x 3	6.38	76.50		x 9	22.95	275.40
	x 3 1/4	6.91	82.87		x 10	25.50	306.00
	x 3 1/2	7.44	89.26		x 11	28.05	336.60
	x 3 3/4	7.97	95.63		x 12	30.60	367.20
	x 4	8.50	102.00				
	x 4 1/2	9.56	114.76	7/8	x 1	2.98	35.70
	x 5	10.63	127.50		x 1 1/8	3.35	40.16
	x 5 1/2	11.69	140.26		x 1 1/4	3.72	44.63
	x 6	12.75	153.00		x 1 3/8	4.09	49.09
	x 7	14.88	178.50		x 1 1/2	4.46	53.56
	x 8	17.00	204.00		x 1 3/4	5.21	62.47
	x 9	19.13	229.56		x 2	5.95	71.40
	x 10	21.25	255.00		x 2 1/4	6.69	80.33
	x 11	23.38	280.56		x 2 1/2	7.44	89.26
	x 12	25.50	306.00		x 2 3/4	8.18	98.17
					x 3	8.93	107.10
3/4	x 7/8	2.23	26.77		x 3 1/2	10.41	124.96
	x 1	2.55	30.60		x 4	11.90	142.80
	x 1 1/8	2.87	34.43		x 4 1/2	13.39	160.66
	x 1 1/4	3.19	38.26		x 5	14.88	178.50
	x 1 3/8	3.51	42.07		x 5 1/2	16.36	196.32
	x 1 1/2	3.83	45.90		x 6	17.85	214.20
	x 1 5/8	4.14	49.73		x 8	23.80	285.10
	x 1 3/4	4.46	53.56		x 10	29.75	357.00
	x 2	5.10	61.20		x 12	35.70	428.40

Cold Finished Flats (con't)

BAR

Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar
1 x 1 1/8	3.38	45.90	1 1/4x 2 1/4	9.56	114.76
x 1 1/4	4.25	51.00	x 2 1/2	10.63	127.50
x 1 3/8	4.68	56.10	x 2 3/4	11.69	140.26
x 1 1/2	5.10	61.20	x 3	12.75	153.00
x 1 3/4	5.95	71.40	x 3 1/4	13.81	165.72
x 2	6.80	81.60	x 3 1/2	14.88	178.50
x 2 1/4	7.65	91.80	x 3 3/4	15.94	191.28
x 2 1/2	8.50	102.00	x 4	17.00	204.00
x 2 3/4	9.35	112.20	x 4 1/2	19.13	229.56
x 3	10.20	122.40	x 5	21.25	255.00
x 3 1/4	11.05	132.60	x 5 1/2	23.38	280.50
x 3 1/2	11.90	142.80	x 6	25.50	306.00
x 4	13.60	163.20	x 8	34.00	408.00
x 4 1/2	15.30	183.60	x 10	42.50	510.00
x 5	17.00	204.00	x 12	51.00	612.00
x 5 1/2	18.70	224.40			
x 6	20.40	244.80	1 3/8x 1 1/2	7.01	84.16
x 7	23.80	285.60	x 2	9.35	112.20
x 8	27.20	326.40	x 3	14.03	168.30
x 9	30.60	367.20			
x 10	34.00	408.00	1 1/2x 1 5/8	8.29	99.46
x 11	37.40	448.80	x 1 3/4	8.93	107.10
x 12	40.80	489.60	x 1 7/8	9.56	114.76
			x 2	10.20	122.40
1 1/8x 1 1/4	4.78	57.37	x 2 1/4	11.48	137.70
x 1 3/8	5.26	63.11	x 2 1/2	12.75	153.00
x 1 1/2	5.74	68.86	x 2 3/4	14.03	168.30
x 1 5/8	6.22	74.59	x 3	15.30	183.60
x 1 3/4	6.69	80.33	x 3 1/4	16.58	198.96
x 2	7.65	91.80	x 3 1/2	17.85	214.20
x 2 1/4	8.61	103.27	x 4	20.40	244.80
x 2 1/2	9.56	114.76	x 4 1/2	22.95	275.40
x 3	11.48	137.70	x 5	25.50	306.00
x 4	15.30	183.60	x 5 1/2	28.05	336.60
			x 6	30.60	367.20
1 1/4x 1 3/8	5.84	70.13	x 8	40.80	489.60
x 1 1/2	6.38	76.50	x 10	51.00	612.00
x 1 5/8	6.91	82.87	x 12	61.20	734.40
x 1 3/4	7.44	89.26			
x 1 7/8	7.97	95.63			
x 2	8.50	102.00			

Cold Finished Flats (con't)

Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar	Size	Wt. Per Ft. Lbs.	Est. Wt. For 12' Bar
1 5/8x 2	11.05	132.60	2 1/4x 2 1/2	19.13	229.50
x 2 1/2	13.81	165.72	x 3	22.95	275.40
x 3	16.58	198.90	x 3 1/4	24.86	298.36
x 4	22.10	265.20	x 3 1/2	26.78	321.30
1 3/4x 2	11.90	142.80	x 4	30.60	367.20
x 2 1/4	13.39	160.68	x 4 1/2	34.43	413.10
x 2 1/2	14.88	178.50	x 5	38.25	459.00
x 2 3/4	16.36	196.36	x 6	45.90	550.80
x 3	17.85	214.20	2 1/2x 2 3/4	23.38	280.56
x 3 1/2	20.83	249.90	x 3	25.50	306.00
x 3 3/4	22.31	267.12	x 3 1/2	29.76	357.00
x 4	23.80	285.60	x 4	34.00	408.00
x 4 1/2	26.78	321.30	x 4 1/2	38.25	459.00
x 5	29.75	357.00	x 5	42.50	510.00
x 5 1/2	32.73	392.76	x 6	51.00	612.00
x 6	35.70	428.40	x 8	68.00	816.00
2 x 2 1/4	15.30	183.60	x 10	85.00	1020.00
x 2 1/2	17.00	204.00	3 x 3 1/2	35.70	428.40
x 2 3/4	18.70	224.40	x 4	40.80	489.60
x 3	20.40	244.80	x 5	51.00	612.00
x 3 1/2	23.80	285.60	x 6	61.20	734.40
x 4	27.20	326.40	x 8	81.60	979.20
x 4 1/2	30.60	367.20	x 10	102.00	1224.00
x 5	34.00	408.00	x 12	122.40	1468.80
x 6	40.80	489.60			
x 8	54.40	652.80			
x 10	68.00	816.00			
x 12	81.60	979.20			



Bar Size Angles

Size in Inches	Wt. Per Ft. Lbs.	Wt. Per 20' Length	Size in Inches	Wt. Per Ft. Lbs.	Wt. Per 20' Length
1/2 x 1/2			1 3/4 x 1 3/4		
1/8	.38	7.60	1/8	1.44	28.80
5/8 x 5/8			3/16	2.12	42.40
1/8	.48	9.60	1/4	2.77	55.40
3/4 x 3/4			2 x 1 1/4		
1/8	.59	11.80	3/16	1.96	39.20
7/8 x 7/8			1/4	2.55	51.00
1/8	.70	14.00	2 x 1 1/2		
1 x 5/8			1/8	1.44	28.80
1/8	.64	12.80	3/16	2.12	42.40
1 x 3/4			1/4	2.77	55.40
1/8	.70	14.00	2 x 2		
1 x 1			1/8	1.65	33.00
1/8	.80	16.00	3/16	2.44	48.80
3/16	1.16	23.20	1/4	3.19	63.80
1/4	1.49	29.80	5/16	3.92	78.40
1 1/4 x 1 1/4			3/8	4.70	94.00
1/8	1.01	20.20	2 1/4 x 1 1/2		
3/16	1.48	29.60	3/16	2.28	45.60
1/4	1.92	38.40	2 1/2 x 1 1/2		
1 3/8 x 7/8			3/16	2.44	48.80
1/8	.91	18.20	1/4	3.19	63.80
3/16	1.32	26.40	5/16	3.92	78.40
1 1/2 x 1 1/4			2 1/2 x 2		
3/16	1.64	32.80	3/16	2.75	55.00
1 1/2 x 1 1/2			1/4	3.62	72.40
1/8	1.23	24.60	5/16	4.50	90.00
3/16	1.80	36.00	3/8	5.30	106.00
1/4	2.34	46.80	2 1/2 x 2 1/2		
1 3/4 x 1 1/4			3/16	3.07	61.40
1/8	1.23	24.60	1/4	4.10	82.00
3/16	1.80	36.00	5/16	5.00	100.00
			3/8	5.90	118.00
			1/2	7.70	154.00

ANGLE-CHANNEL-BEAM

Structural Angles

Size in Inches	Wt. Per Ft. Lbs.	Wt. Per 20' Length	Size in Inches	Wt. Per Ft. Lbs.	Wt. Per 20' Length		
3 x 2	3/16	3.07	61.4	4 x 3	1/4	5.8	116.0
	1/4	4.1	82.0		5/16	7.2	144.0
	5/16	5.0	100.0		3/8	8.5	170.0
	3/8	5.9	118.0		7/16	9.8	196.0
	1/2	7.7	154.0		1/2	11.1	222.0
3 x 2 1/2	1/4	4.5	90.0	4 x 3 1/2	1/4	6.2	124.0
	5/16	5.6	112.0		5/16	7.7	154.0
	3/8	6.6	132.0		3/8	9.1	182.0
	1/2	8.5	170.0		7/16	10.6	212.0
					1/2	11.9	238.0
3 x 3	3/16	3.71	74.2	5/8	14.7	294.0	
	1/4	4.9	98.0	4 x 4	1/4	6.6	132.0
	5/16	6.1	122.0		5/16	8.2	164.0
	3/8	7.2	144.0		3/8	9.8	196.0
	7/16	8.3	166.0		7/16	11.3	226.0
	1/2	9.4	188.0		1/2	12.8	256.0
5/8					15.7	314.0	
3 1/2 x 2 1/2	1/4	4.9	98.0	3/4	18.5	370.0	
	5/16	6.1	122.0	5 x 3	1/4	6.6	132.0
	3/8	7.2	144.0		5/16	8.2	164.0
	1/2	9.4	188.0		3/8	9.8	196.0
					1/2	12.8	256.0
3 1/2 x 3	1/4	5.4	108.0		5/8	15.7	314.0
	5/16	6.6	132.0	3/4	18.5	370.0	
	3/8	7.9	158.0	5 x 3 1/2	1/4	7.0	140.0
	1/2	10.2	204.0		5/16	8.7	174.0
					3/8	10.4	208.0
3 1/2 x 3 1/2	1/4	5.8	116.0		7/16	12.0	240.0
	5/16	7.2	144.0		1/2	13.6	272.0
	3/8	8.5	170.0	5/8	16.8	336.0	
	7/16	9.8	196.0	3/4	19.8	396.0	
	1/2	11.1	222.0				

Structural Angles (con't)

Size in Inches	Wt. Per Ft. Lbs.	Est. 20'	Size in Inches	Wt. Per Ft. Lbs.	Est. 20'
5 x 5	5/16	10.3	7 x 4	3/8	13.6
	3/8	12.3		7/16	15.8
	1/2	16.2		1/2	17.9
	5/8	20.0		5/8	22.1
	3/4	23.6		3/4	26.2
6 x 3 1/2	5/16	9.8	8 x 4	1/2	19.6
	3/8	11.7		5/8	24.2
	1/2	15.3		3/4	28.7
6 x 4	5/16	10.3	8 x 6	1/2	23.0
	3/8	12.3		5/8	28.5
	7/16	14.3		3/4	33.8
	1/2	16.2		1	44.2
	5/8	20.0	8 x 8	1/2	26.4
	3/4	23.6		5/8	32.7
	7/8	27.2		3/4	38.9
6 x 6	3/8	14.9	1	51.0	1020.0
	1/2	19.6			
	5/8	24.2			
	3/4	28.7			
	7/8	33.1			
	1	37.4			

ANGLE CHANNEL-BEAM

**WE WILL CUT
ANYTHING TO SIZE**

Bar Channels

				Estimated Wt. in Lbs.		
				Per Ft.	20 Ft. Bar	
3/4	x	3/8	x	1/8	.56	11.20
1	x	3/8	x	1/8	.68	13.60
1	x	1/2	x	1/8	.84	16.80
1 1/4	x	1/2	x	1/8	1.01	20.20
1 1/2	x	1/2	x	1/8	1.12	22.40
1 1/2	x	1 1/2	x	3/16	2.72	54.40
2	x	1/2	x	1/8	1.43	28.60
2	x	5/8	x	1/4	2.28	45.60
2	x	1	x	1/8	1.78	35.60
2	x	1	x	3/16	2.59	51.80
2 1/2	x	5/8	x	3/16	2.27	45.40

Structural Channels

		Depth of Channel & Wt. Per Ft.	Wt. For 20'	Thickness of Web in Inches	Width Of Flange in Inches
3"	x	4.1 lbs.	82	.170	1.410
		5.0 lbs.	100	.258	1.498
		6.0 lbs.	120	.356	1.596
4"	x	5.4 lbs.	108	.180	1.580
		6.25 lbs.	125	.247	1.647
		7.25 lbs.	145	.320	1.720
5"	x	6.7 lbs.	134	.190	1.750
		9.0 lbs.	180	.325	1.885
6"	x	8.2 lbs.	164	.200	1.920
		10.5 lbs.	210	.314	2.034
		13.0 lbs.	260	.437	2.157
7"	x	9.8 lbs.	196	.210	2.090
		12.25 lbs.	245	.314	2.194
		14.75 lbs.	295	.419	2.299

Structural Channels (con't)

Depth of Channel & Wt. Per Ft.		Wt. For 20'	Thickness of Web in Inches	Width Of Flange in Inches
8" x	8.5 lbs.	170	.180	1.875
	11.5 lbs.	230	.220	2.260
	13.75 lbs.	275	.303	2.343
	18.75 lbs.	375	.487	2.527
9" x	13.4 lbs.	268	.230	2.430
	15.0 lbs.	300	.285	2.485
	20.0 lbs.	400	.448	2.648
10" x	15.3 lbs.	306	.240	2.600
	20.0 lbs.	400	.379	2.739
	25.0 lbs.	500	.526	2.886
	30.0 lbs.	600	.673	3.033
12" x	20.7 lbs.	414	.280	2.940
	25.0 lbs.	500	.387	3.047
	30.0 lbs.	600	.510	3.170
15" x	33.9 lbs.	678	.400	3.400
	40.0 lbs.	800	.520	3.520
	50.0 lbs.	1000	.716	3.716

ANGLE-CHANNEL-BEAM

FACILITIES FOR

- Shearing
- Sawing
- Burning
- Drilling

Miscellaneous Channels- Ship & Car

Depth of Channel & Wt. Per Ft.		Wt. For 20'	Thickness of Web in Inches	Width Of Flange in Inches
3" x	7.1 lbs.	142	.313	1.938
4" x	13.8 lbs.	276	.500	2.500
6" x	12.0 lbs.	240	.313	2.500
	15.3 lbs.	306	.340	3.500
	16.3 lbs.	326	.375	3.000
	18.0 lbs.	360	.375	3.500
7" x	17.6 lbs.	352	.375	3.000
	19.1 lbs.	382	.350	3.450
	22.7 lbs.	454	.500	3.600
8" x	18.7 lbs.	374	.350	2.975
	20.0 lbs.	400	.400	3.025
	21.4 lbs.	428	.375	3.450
	22.8 lbs.	456	.425	3.500
9" x	23.9 lbs.	478	.375	3.500
	25.4 lbs.	508	.450	3.500
10" x	22.0 lbs.	440	.325	3.450
	25.0 lbs.	500	.375	3.375
	28.5 lbs.	570	.425	3.950
12" x	31.0 lbs.	620	.370	3.670
	35.0 lbs.	700	.467	3.767
	45.0 lbs.	900	.712	4.012
	50.0 lbs.	1000	.835	4.135
13" x	31.8 lbs.	636	.375	4.000
	50.0 lbs.	1000	.787	4.412
18" x	42.7 lbs.	854	.450	3.950
	45.8 lbs.	916	.500	4.000
	58.0 lbs.	1160	.700	4.200

Junior Channels

ANGLE-CHANNEL-BEAM

Depth of Channel & Wt. Per Ft.	Wt. For 20'	Wt. For 30'	Thickness of Web in Inches	Width Of Flange in Inches
10" x 6.5 lbs.	130	195	.150	1.125
8.4 lbs.	168	252	.170	1.500
12" x 10.6 lbs.	212	318	.190	1.500

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Standard I Beams

		Depth of Channel & Wt. Per Ft.	Wt. For 20'	Thickness of Web in Inches	Width Of Flange in Inches
3" x	5.7 lbs.	114	.170	2.330	
	7.5 lbs.	150	.349	2.509	
4" x	7.7 lbs.	154	.190	2.660	
	9.5 lbs.	190	.326	2.796	
5" x	10.0 lbs.	200	.210	3.000	
	14.75 lbs.	295	.494	3.284	
6" x	12.5 lbs.	250	.230	3.330	
	17.25 lbs.	345	.465	3.565	
7" x	15.3 lbs.	306	.250	3.660	
	20.0 lbs.	400	.450	3.860	
8" x	18.4 lbs.	368	.270	4.000	
	23.0 lbs.	460	.441	4.171	
10" x	25.4 lbs.	508	.310	4.660	
	35.0 lbs.	700	.594	4.944	
12" x	31.8 lbs.	636	.350	5.000	
	35.0 lbs.	700	.428	5.078	
	40.8 lbs.	816	.460	5.250	
	50.0 lbs.	1000	.687	5.477	
15" x	42.9 lbs.	858	.410	5.500	
	50.0 lbs.	1000	.550	5.640	
18" x	54.7 lbs.	1094	.460	6.000	
	70.0 lbs.	1400	.711	6.251	
20" x	66.0 lbs.	1320	.505	6.255	
24" x	80.0 lbs.	1600	.500	7.000	
	100.0 lbs.	2000	.747	7.247	
	106.0 lbs.	2120	.625	7.875	

**Beam Lengths Available -
20', 25', 30', 35', 40', 45', 50', 55', 60'**

Wide Flange & "H" Beams

Section Size and Wt. per Ft.	Weight for 40' Beam	Depth of Section in Inches	Flange in Inches		Web Thickness in Inches	Area Sq. Inches
			"FW" Width	"FT" Thickness		
4" x 13.0 lbs.	520	4.16	4.060	0.345	0.280	3.83
5" x 16.0 lbs.	640	5.01	5.000	0.360	0.240	4.71
5" x 19.0 lbs.	760	5.15	5.030	0.430	0.270	5.56
6" x 9.0 lbs.	360	5.90	3.940	0.215	0.170	2.68
6" x 12.0 lbs.	480	6.03	4.000	0.280	0.230	3.55
6" x 15.0 lbs.	600	5.99	5.990	0.260	0.230	4.43
6" x 16.0 lbs.	640	6.28	4.030	0.405	0.260	4.74
6" x 20.0 lbs.	800	6.20	6.020	0.365	0.260	5.87
6" x 25.0 lbs.	1000	6.38	6.080	0.455	0.320	7.34
8" x 10.0 lbs.	400	7.89	3.940	0.205	0.170	2.96
8" x 13.0 lbs.	520	7.99	4.000	0.255	0.230	3.84
8" x 15.0 lbs.	600	8.11	4.015	0.315	0.245	4.44
8" x 18.0 lbs.	720	8.14	5.250	0.330	0.230	5.26
8" x 21.0 lbs.	840	8.28	5.270	0.400	0.250	6.16
8" x 24.0 lbs.	960	7.93	6.495	0.400	0.245	7.08
8" x 28.0 lbs.	1120	8.06	6.535	0.465	0.285	8.25
8" x 31.0 lbs.	1240	8.00	7.995	0.435	0.285	9.13
8" x 35.0 lbs.	1400	8.12	8.020	0.495	0.310	10.3
8" x 40.0 lbs.	1600	8.25	8.070	0.560	0.360	11.7
8" x 48.0 lbs.	1920	8.50	8.110	0.685	0.400	14.1
8" x 58.0 lbs.	2320	8.75	8.220	0.810	0.510	17.1
8" x 67.0 lbs.	2680	9.00	8.280	0.935	0.570	19.7
10" x 12.0 lbs.	480	9.87	3.960	0.210	0.190	3.54
10" x 15.0 lbs.	600	9.99	4.000	0.270	0.230	4.41
10" x 17.0 lbs.	680	10.11	4.010	0.330	0.240	4.99
10" x 19.0 lbs.	760	10.24	4.020	0.395	0.250	5.62
10" x 22.0 lbs.	880	10.17	5.750	0.360	0.240	6.49
10" x 26.0 lbs.	1040	10.33	5.770	0.440	0.260	7.61
10" x 30.0 lbs.	1200	10.47	5.810	0.510	0.300	8.84
10" x 33.0 lbs.	1320	9.73	7.960	0.435	0.290	9.71
10" x 39.0 lbs.	1560	9.92	7.985	0.530	0.315	11.5

ANGLE CHANNEL-BEAM

Wide Flange & "H" Beams (con't)

Section Size and Wt. per Ft.	Weight for 40' Beam	Depth of Section in Inches	Flange in Inches		Web Thickness in Inches	Area Sq. Inches	
			"FW" Width	"FT" Thickness			
10" x	45.0 lbs.	1800	10.10	8.020	0.620	0.350	13.3
	49.0 lbs.	1960	9.98	10.000	0.560	0.340	14.4
	54.0 lbs.	2160	10.09	10.030	0.615	0.370	15.8
	60.0 lbs.	2400	10.22	10.080	0.680	0.420	17.6
	68.0 lbs.	2720	10.40	10.130	0.770	0.470	20.0
	77.0 lbs.	3080	10.60	10.190	0.870	0.530	22.6
	88.0 lbs.	3520	10.84	10.265	0.990	0.605	25.9
	100.0 lbs.	4000	11.10	10.340	1.120	0.680	29.4
112.0 lbs.	4480	11.38	10.375	1.250	0.750	32.9	
12" x	14.0 lbs.	560	11.91	3.970	0.225	0.200	4.16
	16.0 lbs.	640	11.99	3.990	0.265	0.220	4.71
	19.0 lbs.	760	12.16	4.005	0.350	0.235	5.57
	22.0 lbs.	880	12.31	4.030	0.425	0.260	6.48
	26.0 lbs.	1040	12.22	6.490	0.380	0.230	7.65
	30.0 lbs.	1200	12.34	6.520	0.440	0.260	8.79
	35.0 lbs.	1400	12.50	6.560	0.520	0.300	10.3
	40.0 lbs.	1600	11.94	8.005	0.515	0.295	11.8
	45.0 lbs.	1800	12.06	8.045	0.575	0.335	13.2
	50.0 lbs.	2000	12.19	8.080	0.640	0.370	14.7
	53.0 lbs.	2120	12.06	9.995	0.575	0.345	15.6
	58.0 lbs.	2320	12.19	10.010	0.640	0.360	17.0
	65.0 lbs.	2600	12.12	12.000	0.605	0.390	19.1
	72.0 lbs.	2880	12.25	12.040	0.670	0.430	21.1
	79.0 lbs.	3160	12.38	12.080	0.735	0.470	23.2
	87.0 lbs.	3480	12.53	12.125	0.810	0.515	25.6
	96.0 lbs.	3840	12.71	12.160	0.900	0.550	28.2
106.0 lbs.	4240	12.89	12.220	0.990	0.610	31.2	
120.0 lbs.	4800	13.125	12.375	1.125	0.6875	35.3	
136.0 lbs.	5440	13.38	12.375	1.250	0.813	39.9	
14" x	22.0 lbs.	880	13.74	5.000	0.335	0.230	6.49
	26.0 lbs.	1040	13.91	5.025	0.420	0.255	7.69
	30.0 lbs.	1200	13.84	6.730	0.385	0.270	8.85
	34.0 lbs.	1360	13.98	6.745	0.455	0.285	10.0
	38.0 lbs.	1520	14.10	6.770	0.515	0.310	11.2
	43.0 lbs.	1720	13.66	7.995	0.530	0.305	12.6
	48.0 lbs.	1920	13.79	8.030	0.595	0.340	14.1
	53.0 lbs.	2120	13.92	8.060	0.660	0.370	15.6

Wide Flange & "H" Beams (con't)

	Section Size and Wt. per Ft.	Weight for 40' Beam	Depth of Section in Inches	Flange in Inches		Web Thickness in Inches	Area Sq. Inches
				"FW" Width	"FT" Thickness		
14" x	61.0 lbs.	2440	13.89	9.995	0.645	0.375	17.9
	68.0 lbs.	2720	14.04	10.035	0.720	0.415	20.0
	74.0 lbs.	2960	14.17	10.070	0.785	0.450	21.8
	82.0 lbs.	3280	14.31	10.130	0.855	0.510	24.1
	90.0 lbs.	3600	14.02	14.520	0.710	0.440	26.5
	99.0 lbs.	3960	14.16	14.565	0.780	0.485	29.1
	109.0 lbs.	4360	14.32	14.605	0.860	0.525	32.0
	120.0 lbs.	4800	14.48	14.670	0.940	0.590	35.3
	132.0 lbs.	5280	14.625	14.750	1.000	0.625	38.8
145.0 lbs.	5800	14.75	15.500	1.0625	0.688	42.7	
16" x	26.0 lbs.	1040	15.69	5.500	0.345	0.250	7.68
	31.0 lbs.	1240	15.88	5.525	0.440	0.275	9.12
	36.0 lbs.	1440	15.86	6.985	0.430	0.295	10.6
	40.0 lbs.	1600	16.01	6.995	0.505	0.305	11.8
	45.0 lbs.	1800	16.13	7.035	0.565	0.345	13.3
	50.0 lbs.	2000	16.26	7.070	0.630	0.380	14.7
	57.0 lbs.	2280	16.43	7.120	0.715	0.430	16.8
	67.0 lbs.	2680	16.33	10.235	0.665	0.395	19.7
	77.0 lbs.	3080	16.52	10.295	0.760	0.455	22.6
	89.0 lbs.	3560	16.75	10.365	0.875	0.525	26.2
100.0 lbs.	4000	16.97	10.425	0.985	0.585	29.4	
18" x	35.0 lbs.	1400	17.70	6.000	0.425	0.300	10.3
	40.0 lbs.	1600	17.90	6.015	0.525	0.315	11.8
	46.0 lbs.	1840	18.06	6.060	0.605	0.360	13.5
	50.0 lbs.	2000	17.99	7.495	0.570	0.355	14.7
	55.0 lbs.	2200	18.11	7.530	0.630	0.390	16.2
	60.0 lbs.	2400	18.24	7.555	0.695	0.415	17.6
	65.0 lbs.	2600	18.35	7.590	0.750	0.450	19.1
	71.0 lbs.	2840	18.47	7.635	0.810	0.495	20.8
	76.0 lbs.	3040	18.21	11.035	0.680	0.425	22.3
	86.0 lbs.	3440	18.39	11.090	0.770	0.480	25.3
	97.0 lbs.	3880	18.59	11.145	0.870	0.535	28.5
	106.0 lbs.	4240	18.73	11.200	0.940	0.590	31.1
119.0 lbs.	4760	18.97	11.265	1.060	0.655	35.1	
21" x	44.0 lbs.	1760	20.66	6.500	0.450	0.350	13.0
	50.0 lbs.	2000	20.83	6.530	0.535	0.380	14.7
	57.0 lbs.	2280	21.06	6.555	0.650	0.405	16.7
	62.0 lbs.	2480	20.99	8.240	0.615	0.400	18.3

ANGLE CHANNEL-BEAM

Wide Flange & "H" Beams (con't)

Section Size and Wt. per Ft.	Weight for 40' Beam	Depth of Section in Inches	Flange in Inches		Web Thickness in Inches	Area Sq. Inches
			"FW" Width	"FT" Thickness		
21" x	83.0 lbs.	3320	21.43	8.355	0.835	24.3
	93.0 lbs.	3720	21.62	8.420	0.930	27.3
	101.0 lbs.	4040	21.36	12.290	0.800	29.8
	111.0 lbs.	4440	21.51	12.340	0.875	32.7
	122.0 lbs.	4880	21.625	12.375	0.9375	35.9
	132.0 lbs.	5280	21.875	12.500	1.0625	38.8
	147.0 lbs.	5880	22.00	12.500	1.125	43.2
24" x	55.0 lbs.	2200	23.57	7.005	0.505	16.2
	62.0 lbs.	2480	23.74	7.040	0.590	18.2
	68.0 lbs.	2720	23.73	8.965	0.585	20.1
	76.0 lbs.	3040	23.92	8.990	0.680	22.4
	84.0 lbs.	3360	24.10	9.020	0.770	24.7
	94.0 lbs.	3760	24.31	9.065	0.875	27.7
	104.0 lbs.	4160	24.06	12.750	0.750	30.6
	117.0 lbs.	4680	24.26	12.800	0.850	34.4
	131.0 lbs.	5240	24.50	12.875	0.9375	38.5
	146.0 lbs.	5840	24.75	12.875	1.0625	43.0
	162.0 lbs.	6480	25.00	13.000	1.2500	47.7
27" x	84.0 lbs.	3660	26.71	9.960	0.640	24.8
	94.0 lbs.	3760	26.92	9.990	0.745	27.7
	102.0 lbs.	4080	27.09	10.015	0.830	30.0
	114.0 lbs.	4560	27.29	10.070	0.930	33.5
	146.0 lbs.	5840	27.38	13.965	0.975	42.9
	161.0 lbs.	6440	27.625	14.000	1.0625	47.4
	178.0 lbs.	7120	27.75	14.125	1.875	52.3
30" x	99.0 lbs.	3960	29.65	10.450	0.670	29.0
	108.0 lbs.	4320	29.83	10.475	0.760	31.7
	116.0 lbs.	4640	30.01	10.495	0.850	34.2
	124.0 lbs.	4960	30.17	10.515	0.930	36.5
	132.0 lbs.	5280	30.31	10.545	1.000	38.9
	173.0 lbs.	6920	30.50	15.000	1.0625	50.8
	191.0 lbs.	7640	30.625	15.000	1.875	56.1
	33" x	118.0 lbs.	4720	32.86	11.480	0.740	34.7
130.0 lbs.		5200	33.09	11.510	0.855	38.3
141.0 lbs.		5640	33.30	11.535	0.960	41.6
152.0 lbs.		6080	33.49	11.565	1.055	44.7
201.0 lbs.		8040	33.68	15.745	1.150	59.1
221.0 lbs.		8840	33.93	15.805	1.275	65.0
241.0 lbs.		9640	34.18	15.860	1.400	70.9

Wide Flange & "H" Beams (con't)

Section Size and Wt. per Ft.	Weight for 40' Beam	Depth of Section in Inches	Flange in Inches		Web Thickness in Inches	Area Sq. Inches
			"FW" Width	"FT" Thickness		
36" x 135.0 lbs.	5400	35.55	11.950	0.790	0.600	39.7
150.0 lbs.	6000	35.85	11.975	0.940	0.625	44.2
160.0 lbs.	6400	36.01	12.000	1.020	0.650	47.0
170.0 lbs.	6800	36.17	12.030	1.100	0.680	50.0
182.0 lbs.	7280	36.33	12.075	1.180	0.725	53.6
194.0 lbs.	7760	36.49	12.115	1.260	0.765	57.0
210.0 lbs.	8400	36.69	12.180	1.360	0.830	61.8
230.0 lbs.	9200	35.90	16.470	1.260	0.760	67.6

ANGLE-CHANNEL-BEAM

Junior Beams

Depth Of Beam and Wt. Per Ft.	Weight For 40'	Width Of Flange In Inches	Area Of Web In Inches
6" x 4.4 lbs.	176	1.84	.114
8" x 6.5 lbs.	260	2.28	.135
10" x 9.0 lbs.	360	2.69	.155
12" x 11.8 lbs.	472	3.063	.175

We COMBINE The Weight of ALL Stock Items To Give You The Best Price

Angles & R. F. Angles	C. R. Rounds, Squares
Channels	Strip, Flats
Beams	H. R. Round, Squares
Tees	Strip, Flats
Plate	Re-Rod
U.M. Plate	Threaded Rod
Floor Plate	Pipe Tubing
H.R. Sheets	Expanded Metal
Grip Strut	Grating

Galvanized Sheets

Thk	Size	Wt. Per Sq. Ft.	Wt. Per Piece
10 Ga.	36 x 96	5.781	138.74
	36 x 120		173.43
	48 x 96		185.00
	48 x 120		231.24
11 Ga.	36 x 120	5.165	155.00
	48 x 96		165.00
	48 x 120		206.24
12 Ga.	36 x 96	4.531	108.74
	36 x 120		135.93
	48 x 96		145.00
	48 x 120		181.24
14 Ga.	36 x 96	3.281	78.74
	36 x 120		98.43
	48 x 96		105.00
	48 x 120		131.24
16 Ga.	36 x 96	2.656	63.74
	36 x 120		79.68
	48 x 96		85.00
	48 x 120		106.24
18 Ga.	36 x 96	2.156	51.74
	36 x 120		64.68
	48 x 96		69.00
	48 x 120		86.24
20 Ga.	36 x 96	1.656	39.8
	36 x 120		49.7
	48 x 96		53.0
	48 x 120		66.2
22 Ga.	36 x 96	1.406	33.8
	36 x 120		42.2
	48 x 96		45.0
	48 x 120		56.2
24 Ga.	36 x 96	1.156	27.8
	36 x 120		34.7
	48 x 96		37.0
	48 x 120		46.2
26 Ga.	36 x 96	.906	21.8
	36 x 120		27.2
	48 x 96		29.0
	48 x 120		36.2
28 Ga.	36 x 96	.781	18.8
	36 x 120		23.4
30 Ga.	36 x 96	.656	15.8
	36 x 120		19.7

Hot Rolled Sheets

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
7 Ga. (.1793)	7.50		11 Ga. (.1196)	5.00	
36 x 96		180.0	36 x 96		120.0
36 x 120		225.0	36 x 120		150.0
36 x 144		270.0	36 x 144		180.0
36 x 240		450.0	48 x 96		160.0
48 x 96		240.0	48 x 120		200.0
48 x 120		300.0	48 x 144		240.0
48 x 144		360.0	60 x 96		200.0
48 x 240		600.0	60 x 120		250.0
60 x 96		300.0	60 x 144		300.0
60 x 120		375.0	60 x 168		350.0
60 x 144		450.0	60 x 192		400.0
60 x 240		750.0	72 x 120		300.0
72 x 96		360.0	72 x 144		360.0
72 x 120		450.0			
72 x 144		540.0	12 Ga. (.1046)	4.375	
72 x 240		900.0	36 x 96		105.0
			36 x 120		131.3
10 Ga. (.1345)	5.625		36 x 144		157.5
36 x 96		135.0	48 x 96		140.0
36 x 120		168.8	48 x 120		175.0
36 x 144		202.5	48 x 144		210.0
48 x 96		180.0	60 x 96		175.0
48 x 120		225.0	60 x 120		218.8
48 x 144		270.0	60 x 144		262.5
60 x 96		225.0	72 x 96		210.0
60 x 120		281.3	72 x 120		262.5
60 x 144		337.5	72 x 144		315.0
60 x 168		393.8			
72 x 96		270.0			
72 x 120		337.5			
72 x 144		405.0			
84 x 120		393.8			

Available HR and HRPO

HOT ROLLED SHEETS

**WE WILL CUT
ANYTHING
TO SIZE**

Hot Rolled Sheets (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
14 Ga. (.0747)	3.125		18 Ga. (.0478)	2.00	
36 x 96		75.0	36 x 96		48.0
36 x 120		93.8	36 x 120		60.0
36 x 144		112.5	48 x 96		64.0
48 x 96		100.0	48 x 120		80.0
48 x 120		125.0			
48 x 144		150.0	20 Ga. (.0359)	1.50	
60 x 96		125.0	48 x 96		48.0
60 x 120		156.3	48 x 120		60.0
60 x 144		187.5	60 x 96		60.0
72 x 120		187.5	60 x 120		75.0
72 x 144		225.0			
16 Ga. (.0598)	2.50				
36 x 96		60.0			
36 x 120		75.0			
36 x 144		90.0			
48 x 96		80.0			
48 x 120		100.0			
48 x 144		120.0			
60 x 96		100.0			
60 x 120		125.0			
60 x 144		150.0			
72 x 120		150.0			
72 x 144		180.0			

Facilities for

- Shearing
- Sawing
- Burning

Carbon Steel Plate

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
3/16 (.1875)	7.66		5/16		
48 x 96		245.03	60 x 120		638.10
48 x 120		306.30	60 x 240		1276.20
48 x 144		367.56	72 x 120		765.70
60 x 96		306.32	72 x 240		1531.40
60 x 120		382.90	84 x 120		893.30
60 x 144		459.48	84 x 240		1786.60
60 x 240		765.80	96 x 120		1021.00
72 x 120		459.40	96 x 240		2042.00
72 x 144		551.28	96 x 480		4084.00
72 x 240		918.80			
84 x 120		536.00	3/8 (.375)	15.31	
84 x 240		1072.00	48 x 96		490.08
96 x 120		612.60	48 x 120		612.60
96 x 240		1225.20	48 x 144		735.12
			48 x 240		1225.20
1/4 (.250)	10.21		60 x 120		765.70
48 x 96		326.72	60 x 144		918.84
48 x 120		408.40	60 x 240		1531.40
48 x 144		489.60	72 x 96		735.12
48 x 240		816.00	72 x 120		918.90
60 x 96		408.40	72 x 144		1102.68
60 x 120		510.50	72 x 240		1837.80
60 x 144		612.60	72 x 288		2205.36
60 x 240		1021.00	84 x 120		1072.00
72 x 96		490.00	84 x 240		2144.00
72 x 120		612.60	96 x 120		1225.20
72 x 144		735.12	96 x 240		2450.40
72 x 240		1225.20	96 x 288		2940.48
84 x 120		714.70	120 x 120		1531.40
84 x 240		1429.40	120 x 240		3062.80
96 x 120		816.80	120 x 360		4594.00
96 x 240		1633.60			
120 x 120		1020.50	1/2 (.500)	20.42	
120 x 240		2041.00	48 x 96		653.44
120 x 360		3063.00	48 x 120		816.80
			48 x 144		980.16
5/16 (.3125)	12.76		48 x 240		1633.60
48 x 96		408.40	60 x 120		1021.00
48 x 120		510.50	60 x 144		1225.20
48 x 144		612.60	60 x 240		2042.00
48 x 240		1020.80	72 x 120		1225.20
			72 x 144		1470.24

SHEET-PLATE

Carbon Steel Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
1/2			7/8 (.875)	35.73	
72 x 240		2450.40	48 x 96		1143.44
72 x 288		2940.48	48 x 120		1429.30
84 x 120		1429.30	60 x 120		1786.68
84 x 240		2858.60	60 x 240		3573.36
96 x 120		1633.50	72 x 120		2144.00
96 x 240		3267.00	72 x 240		4288.00
120 x 120		2041.90	84 x 120		2501.40
120 x 240		4083.80	84 x 240		5002.80
120 x 360		6125.70	96 x 120		2858.70
			96 x 240		5717.40
5/8 (.625)	25.52		120 x 120		3573.40
48 x 96		816.80	120 x 240		7146.80
48 x 120		1021.00	120 x 360		10720.00
48 x 144		1225.20			
60 x 120		1276.20	1"	40.84	
60 x 240		2552.40	48 x 96		1306.80
72 x 120		1531.40	48 x 120		1633.50
72 x 240		3062.80	48 x 240		3267.00
84 x 120		1786.70	60 x 120		2041.90
84 x 240		3573.40	60 x 240		4083.80
96 x 120		2041.90	72 x 120		2450.30
96 x 240		4083.80	72 x 240		4900.60
96 x 360		6125.76	72 x 288		5880.72
120 x 120		2552.40	84 x 120		2858.70
120 x 240		5104.80	84 x 240		5717.40
120 x 360		7657.00	96 x 120		3267.10
			96 x 240		6534.20
3/4 (.750)	30.63		96 x 288		7841.04
48 x 96		980.16	96 x 360		9801.30
48 x 120		1225.20	96 x 480		13068.40
48 x 240		2450.40	120 x 120		4083.80
60 x 120		1531.40	120 x 240		8167.60
60 x 240		3062.80	120 x 360		12251.40
72 x 120		1837.70			
72 x 240		3675.40	1-1/8	45.94	
84 x 120		2144.00	48 x 120		1837.70
84 x 240		4288.00	60 x 120		2297.16
96 x 120		2450.30	60 x 240		4594.32
96 x 240		4900.60	72 x 120		2756.60
96 x 360		7350.90	72 x 240		5513.20
120 x 120		3062.90	84 x 120		3216.00
120 x 240		6125.80	84 x 240		6432.00
120 x 360		9188.70	96 x 120		3675.50
			96 x 240		7351.00

Carbon Steel Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
1-1/8			1-1/2	61.26	
120 x 120		4594.30	48 x 96		1960.24
120 x 240		9188.60	48 x 120		2450.30
120 x 360		13782.90	48 x 240		4900.60
1-1/4	51.05		60 x 120		3062.90
48 x 96		1633.52	60 x 240		6125.80
48 x 120		2041.90	72 x 120		3675.50
48 x 240		4083.80	72 x 240		7351.00
60 x 120		2552.40	84 x 120		4288.00
60 x 240		5104.80	84 x 240		8576.00
72 x 120		3062.90	96 x 120		4900.60
72 x 240		6125.80	96 x 240		9801.20
72 x 288		7350.96	96 x 360		14701.80
84 x 120		3573.40	120 x 120		6125.80
84 x 240		7146.80	120 x 240		12251.60
96 x 120		4083.80	120 x 360		18377.40
96 x 240		8167.60	1-5/8	66.36	
96 x 360		12251.40	48 x 120		2654.40
96 x 480		16335.20	48 x 240		5308.80
120 x 120		5104.80	60 x 120		3318.12
120 x 240		10209.60	60 x 240		6636.24
120 x 360		15314.40	72 x 120		3981.74
1-3/8	56.15		72 x 240		7963.48
48 x 120		2246.00	84 x 120		4645.40
48 x 240		4492.00	84 x 240		9290.80
60 x 120		2807.50	96 x 120		5309.00
60 x 240		5615.00	96 x 240		10618.00
72 x 120		3369.20	120 x 120		6636.00
72 x 240		6738.40	120 x 240		13272.00
84 x 120		3930.70	1-3/4	71.47	
84 x 240		7861.40	48 x 96		2286.96
96 x 120		4492.20	48 x 120		2858.70
96 x 240		8984.40	48 x 240		5717.40
120 x 120		5615.00	60 x 120		3573.36
120 x 240		11230.00	60 x 240		7146.72
			72 x 120		4288.00
			72 x 240		8576.00

SHEET-PLATE

Carbon Steel Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
1-3/4	71.47		2-1/4	91.89	
84 x 120		5002.70	48 x 120		3675.46
84 x 240		10005.40	48 x 240		7350.92
96 x 120		5717.40	60 x 120		4594.50
96 x 240		11434.80	60 x 240		9189.00
120 x 120		7146.72	72 x 120		5513.20
120 x 240		14293.44	72 x 240		11026.40
120 x 288		17152.08	84 x 120		6432.00
120 x 360		21440.20	84 x 240		12864.00
			96 x 120		7350.90
1-7/8	76.572		96 x 240		14701.80
48 x 120		3062.88	120 x 120		9188.64
48 x 240		6125.76	120 x 240		18377.28
60 x 120		3828.60			
60 x 240		7657.20	2-3/8	96.99	
72 x 120		4594.32	48 x 120		3879.60
72 x 240		9188.64	48 x 240		7759.20
84 x 120		5360.04	60 x 120		4849.50
84 x 240		10720.08	60 x 240		9699.00
96 x 120		6125.76	72 x 120		5819.40
96 x 240		12251.52	72 x 240		11638.80
120 x 120		7657.20	84 x 120		6789.30
120 x 240		15314.40	84 x 240		13578.60
			96 x 120		7759.20
2"	81.68		96 x 240		15518.40
48 x 120		3267.10	120 x 120		9699.00
48 x 240		6534.20	120 x 240		19398.00
60 x 120		4083.80			
60 x 240		8167.60	2-1/2	102.10	
72 x 120		4900.60	48 x 120		4083.84
72 x 240		9801.20	48 x 240		8167.68
72 x 288		11761.40	60 x 120		5104.80
84 x 120		5717.40	60 x 240		10209.60
84 x 240		11434.80	72 x 120		6125.80
96 x 120		6534.10	72 x 240		12251.60
96 x 240		13068.20	84 x 120		7146.70
96 x 360		19602.30	84 x 240		14293.40
120 x 120		8167.70	96 x 120		8167.70
120 x 240		16335.40	96 x 240		16335.40
120 x 288		19602.48	120 x 120		10209.60
120 x 360		24503.00	120 x 240		20419.20

Carbon Steel Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
2-3/4	112.31		3-1/2		
48 x 120		4492.22	84 x 120		10005.40
48 x 240		8984.44	84 x 240		20010.80
60 x 120		5615.28	96 x 120		11434.80
60 x 240		11230.56	96 x 240		22869.60
72 x 120		6738.34			
72 x 240		13476.68	3-3/4	153.14	
84 x 120		7861.40	48 x 120		6125.60
84 x 240		15722.80	48 x 240		12251.20
96 x 120		8984.40	60 x 120		7657.00
96 x 240		17968.80	60 x 240		15314.00
120 x 120		11230.56	72 x 120		9188.40
120 x 240		22461.12	72 x 240		18376.80
			84 x 120		10720.00
3"	122.52		84 x 240		21440.20
48 x 120		4900.61	96 x 120		12251.50
48 x 240		9801.22	96 x 240		24503.00
60 x 120		6125.76			
60 x 240		12251.52	4"	163.35	
72 x 120		7350.90	48 x 120		6534.10
72 x 240		14701.80	48 x 240		13068.20
84 x 120		8576.10	60 x 120		8167.50
84 x 240		17152.20	60 x 240		16335.00
96 x 120		9801.20	72 x 120		9801.00
96 x 240		19602.40	72 x 240		19602.00
			84 x 120		11434.80
3-1/4	132.72		84 x 240		22869.60
48 x 120		5308.80	96 x 120		13068.30
48 x 240		10617.60	96 x 240		26136.60
60 x 120		6636.00			
60 x 240		13272.00	4-1/4	173.56	
72 x 120		7963.20	48 x 120		6942.40
72 x 240		15926.40	48 x 240		13884.80
84 x 120		9290.70	60 x 120		9678.00
84 x 240		18581.40	60 x 240		17356.00
96 x 120		10618.00	72 x 120		10413.60
96 x 240		21236.00	72 x 240		20827.20
			84 x 120		12149.40
3-1/2	142.93		84 x 240		24298.80
48 x 120		5717.20	96 x 120		13885.10
48 x 240		11434.40	96 x 240		27770.20
60 x 120		7146.50			
60 x 240		14293.00			
72 x 120		8575.80			
72 x 240		17151.60			

SHEET-PLATE

Carbon Steel Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
4-1/2	183.77		5-1/4		
48 x 120		7350.80	84 x 120		15008.10
48 x 240		14701.60	84 x 240		30016.20
60 x 120		9188.50	96 x 120		17152.10
60 x 240		18377.00	96 x 240		34304.20
72 x 120		11026.20			
72 x 240		22052.40	5-1/2	224.61	
84 x 120		12864.10	48 x 120		8984.40
84 x 240		25728.20	48 x 240		17968.80
96 x 120		14701.80	60 x 120		11230.50
96 x 240		29403.60	60 x 240		22461.00
			72 x 120		13476.60
4-3/4	193.98		72 x 240		26953.20
48 x 120		7759.20	84 x 120		15722.80
48 x 240		15518.40	84 x 240		31445.60
60 x 120		9699.00	96 x 120		17968.90
60 x 240		19398.00	96 x 240		35937.80
72 x 120		11638.80			
72 x 240		23277.60	6"	245.03	
84 x 120		13578.80	48 x 120		9801.20
84 x 240		27157.60	48 x 240		19602.40
96 x 120		15518.60	60 x 120		12251.50
96 x 240		31037.20	60 x 240		24503.00
			72 x 120		14701.80
5"	204.19		72 x 240		29403.60
48 x 120		8167.70	84 x 120		17152.10
48 x 240		16335.40	84 x 240		34304.20
60 x 120		10209.60	96 x 120		19602.40
60 x 240		20419.20	96 x 240		39204.80
72 x 120		12251.50			
72 x 240		24503.00	6-1/2	265.45	
84 x 120		14293.40	48 x 120		10618.00
84 x 240		28586.80	48 x 240		21236.00
96 x 120		16335.40	60 x 120		13272.50
96 x 240		32670.80	60 x 240		26545.00
			72 x 120		15927.00
5-1/4	214.40		72 x 240		31854.00
48 x 120		8576.00	84 x 120		18581.50
48 x 240		17152.00	84 x 240		37163.00
60 x 120		10720.00	96 x 120		21236.00
60 x 240		21440.00	96 x 240		42472.00
72 x 120		12864.00			
72 x 240		25728.00			

Carbon Steel Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
7"	285.87		8-1/2	347.13	
48 x 120		11434.80	84 x 240		48597.60
48 x 240		22869.60	96 x 120		27770.10
60 x 120		14293.50	96 x 240		55540.20
60 x 240		28587.00			
72 x 120		17152.20	9"	367.55	
72 x 240		34304.40	48 x 120		14701.82
84 x 120		20010.80	60 x 120		18377.28
84 x 240		40021.60	60 x 240		36754.56
96 x 120		22869.60	72 x 120		22052.70
96 x 240		45739.20	72 x 240		44105.40
			84 x 120		25728.20
7-1/2	306.29		84 x 240		51546.40
48 x 120		12251.60	90 x 120		27565.90
48 x 240		24503.20	90 x 240		55131.80
60 x 120		15314.50	96 x 120		29403.60
60 x 240		30629.00	96 x 240		58807.20
72 x 120		18377.40			
72 x 240		36754.80	9-1/2	387.97	
84 x 120		21440.30	48 x 120		15518.59
84 x 240		42880.60	60 x 120		19398.50
96 x 120		24503.20	72 x 120		23278.20
96 x 240		49006.40	72 x 240		46556.40
			84 x 120		27157.90
8"	326.71		84 x 240		54315.80
48 x 120		13068.40	96 x 120		31037.60
48 x 240		26136.80	96 x 240		62075.20
60 x 120		16335.50			
60 x 240		32671.00	10"	408.38	
72 x 120		19602.40	48 x 120		16335.20
72 x 240		39204.80	60 x 120		20419.00
84 x 120		22869.50	72 x 120		24502.80
84 x 240		45739.00	84 x 120		28586.90
96 x 120		26136.60	84 x 240		57173.80
96 x 240		52273.20	90 x 120		30628.80
			90 x 240		61257.60
8-1/2	347.13		96 x 120		32670.70
48 x 120		13885.06	96 x 240		65341.40
60 x 120		17356.32			
60 x 240		34712.64	10-1/2	428.80	
72 x 120		20827.60			
72 x 240		41655.20	11"	449.22	
84 x 120		24298.80			
			11-1/2	469.64	

SHEET-PLATE

Carbon Steel Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
12"	490.06		12		
48 x 120		19602.40	90 x 120		36754.50
60 x 120		24503.00	90 x 240		73509.00
72 x 120		29403.60	96 x 120		39204.90
84 x 120		34304.20	96 x 240		78409.80
84 x 240		68608.40			
			12-1/2	510.48	
			13"	530.90	
			14"	571.74	

Floor Plate

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
14 Ga.	3.75		1/4	11.26	
48 x 96		120.00	48 x 96		360.32
48 x 120		150.00	48 x 120		450.40
60 x 120		187.50	48 x 144		540.48
72 x 120		225.00	48 x 240		900.80
84 x 120		262.50	60 x 120		563.00
96 x 120		300.00	60 x 240		1126.00
			72 x 120		675.60
1/8	6.16		72 x 240		1351.20
48 x 96		197.12	84 x 120		788.20
48 x 120		246.40	84 x 240		1576.40
48 x 144		295.68	96 x 120		900.80
60 x 120		308.00	96 x 240		1801.60
72 x 120		369.60			
84 x 120		431.20	5/16	13.81	
96 x 120		492.80	48 x 120		552.40
			48 x 240		1104.80
3/16	8.71		60 x 120		690.50
48 x 96		287.72	60 x 240		1381.00
48 x 120		348.40	72 x 120		828.60
48 x 144		418.08	72 x 240		1657.20
48 x 240		696.08	84 x 120		966.70
60 x 120		435.50	84 x 240		1933.40
60 x 144		522.60	96 x 120		1104.80
60 x 240		871.00	96 x 240		2209.60
72 x 120		522.60			
72 x 240		1045.20	3/8	16.37	
84 x 120		609.70	48 x 96		523.84
84 x 240		1219.40	48 x 120		654.80
96 x 120		696.80	48 x 144		785.76
96 x 240		1393.60	48 x 240		1309.60

Floor Plate (con't)

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
3/8	16.37		3/4	31.68	
60 x 120		818.50	48 x 120		1267.20
60 x 240		1637.00	60 x 120		1584.00
72 x 120		982.20	60 x 240		3168.00
72 x 240		1964.40	72 x 120		1900.80
84 x 120		1145.90	72 x 240		3801.60
84 x 240		2291.80	84 x 120		2217.60
96 x 120		1309.60	84 x 240		4435.20
96 x 240		2619.20	96 x 120		2534.40
			96 x 240		5068.80
1/2	21.47		1"	41.89	
48 x 96		687.04	48 x 120		1675.60
48 x 120		858.80	60 x 120		2094.50
48 x 240		1717.60	60 x 240		4189.00
60 x 120		1073.50	72 x 120		2513.40
60 x 240		2147.00	72 x 240		5026.80
72 x 120		1288.20	84 x 120		2932.30
72 x 240		2576.40	84 x 240		5864.60
84 x 120		1502.90	96 x 120		3351.20
84 x 240		3005.80	96 x 240		6702.40
96 x 120		1717.60			
96 x 240		3435.20			
5/8	26.58				
48 x 120		1063.20			
60 x 120		1329.00			
60 x 240		2658.00			
72 x 120		1594.80			
72 x 240		3189.60			
84 x 120		1860.60			
84 x 240		3721.20			
96 x 120		2126.40			
96 x 240		4252.80			

SHEET-PLATE

Abrasion Resisting Plate

Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.	Thickness & Size	Wt. Sq. Ft.	Est. Sheet Wt.
3/16	7.66		1/2	20.42	
48 x 120		306.30	48 x 120		816.80
48 x 144		367.56	60 x 120		1021.00
60 x 120		382.90	72 x 120		1225.10
72 x 120		459.40	84 x 120		1429.30
84 x 120		536.00	96 x 120		1633.50
96 x 120		612.60	96 x 144		1960.32
96 x 144		735.36	96 x 240		3267.00
96 x 240		1225.20			
1/4	10.21		5/8	25.52	
48 x 96		326.72	48 x 120		1021.00
48 x 120		408.40	60 x 120		1276.20
48 x 144		489.60	72 x 120		1531.40
60 x 120		510.50	84 x 120		1786.70
72 x 120		612.60	96 x 120		2041.90
84 x 120		714.70	96 x 144		2450.28
96 x 120		816.80	96 x 240		4083.80
96 x 144		980.16			
96 x 240		1633.60	3/4	30.63	
5/16	12.76		48 x 120		1225.20
48 x 144		612.48	60 x 120		1531.40
60 x 120		638.00	72 x 120		1837.70
72 x 120		765.00	84 x 120		2144.00
84 x 120		893.20	96 x 120		2450.30
96 x 120		1020.80	96 x 144		2940.36
96 x 240		2041.60	96 x 240		4900.60
3/8	15.31		1"	40.84	
48 x 120		612.60	48 x 120		1633.50
48 x 144		735.12	60 x 120		2041.90
60 x 120		765.70	72 x 120		2450.30
72 x 120		918.90	84 x 120		2858.70
84 x 120		1072.00	96 x 120		3267.10
96 x 120		1225.20	96 x 240		6534.20
96 x 144		1470.24			
96 x 240		2450.40	1-1/2	61.26	
			48 x 120		2450.30
			60 x 120		3062.90
			72 x 120		3675.50
			84 x 120		4288.00
			96 x 120		4900.60

Pipe

Welded - Plain Ends

Nom Size (in.)	Schedule	Wt. Per Ft.	Wall Thickness	Size O.D.	Size I.D.	Length
1/8	40	.24	.068	.405	.269	↑ 21ft 24ft 42ft ↓
1/4	40	.42	.088	.540	.364	
	80	.54	.119		.302	
3/8	40	.57	.091	.675	.493	
	80	.74	.126		.423	
1/2	40	.85	.109	.840	.622	
	80	1.09	.147		.546	
3/4	40	1.13	.113	1.050	.824	
	80	1.47	.154		.742	
1	40	1.68	.133	1.315	1.049	
	80	2.17	.179		.957	
1-1/4	10	1.806	.109	1.660	1.442	
	40	2.27	.140		1.380	
	80	3.00	.191		1.278	
1-1/2	10	2.085	.109	1.900	1.682	
	40	2.72	.145		1.610	
	80	3.63	.200		1.500	
2	40	3.65	.154	2.375	2.067	
	80	5.02	.218		1.939	
2-1/2	40	5.79	.203	2.875	2.469	
	80	7.66	.276		2.323	
3	40	7.58	.216	3.500	3.068	
	80	10.25	.300		2.900	
3-1/2	40	9.11	.226	4.000	3.548	
	80	12.51	.318		3.364	
4	40	10.79	.237	4.500	4.026	
	80	14.98	.337		3.826	
5	40	14.62	.258	5.563	5.047	
	80	20.78	.375		4.813	
6	40	18.97	.280	6.625	6.065	
	80	28.57	.432		5.761	
8	40	28.55	.322	8.625	7.981	
	80	43.39	.500		7.625	
10	40	40.48	.365	10.750	10.020	
	80	64.43	.594		9.562	
12	40	53.52	.406	12.750	11.938	
	80	88.63	.688		11.374	
14	40	63.44	.438	14.000	13.124	
	80	106.13	.750		12.500	
16	40	82.77	.500	16.000	15.000	
	80	136.61	.844		14.312	

PIPE-TUBE

Square Tubing

Lengths - 20, 24, & 40 Ft

Size & Wall	Weight Per Foot	Size & Wall	Weight Per Foot
1/2 x 1/2 x 16 Ga.	.38	2 x 2 x 16 Ga.	1.71
5/8 x 5/8 x 16 Ga.	.495	15 Ga.	1.84
3/4 x 3/4 x 18 Ga.	.467	14 Ga.	2.10
16 Ga.	.61	13 Ga.	2.38
15 Ga.	.68	12 Ga.	2.803
14 Ga.	.75	1/8	3.05
1/8	1.03	3/16	4.32
1 x 1 x 18 Ga.	.634	1/4	5.41
16 Ga.	.83	2 1/2 x 2 1/2 x 16 Ga.	2.12
15 Ga.	.91	15 Ga.	2.33
14 Ga.	1.04	14 Ga.	2.67
13 Ga.	1.17	13 Ga.	3.03
12 Ga.	1.32	12 Ga.	3.44
1/8	1.44	1/8	3.90
1 1/4 x 1 1/4 x 16 Ga.	1.05	3/16	5.59
15 Ga.	1.18	1/4	7.11
14 Ga.	1.32	3 x 3 x 14 Ga.	3.23
13 Ga.	1.49	13 Ga.	3.67
12 Ga.	1.69	12 Ga.	4.18
1/8	1.84	1/8	4.75
3/16	2.62	3/16	6.87
1 1/2 x 1 1/2 x 18 Ga.	.967	1/4	8.80
16 Ga.	1.27	5/16	10.58
15 Ga.	1.43	3 1/2 x 3 1/2 x 14 Ga.	3.80
14 Ga.	1.60	13 Ga.	4.32
13 Ga.	1.82	12 Ga.	4.92
12 Ga.	2.06	1/8	5.61
1/8	2.25	3/16	8.15
3/16	3.35	1/4	10.51
1/4	4.11	5/16	12.70
1 3/4 x 1 3/4 x 16 Ga.	1.49	3/8	14.71
15 Ga.	1.69		
14 Ga.	1.88		
13 Ga.	2.14		
12 Ga.	2.43		
1/8	2.66		
3/16	3.99		

Square Tubing (con't)

Lengths - 20, 24, & 40 Ft

Size & Wall		Weight Per Foot	Size & Wall		Weight Per Foot				
4	x 4 x	14 Ga.	4.42	8	x 8 x	3/16	19.63		
		13 Ga.	4.96			1/4	25.82		
		12 Ga.	5.67			5/16	31.84		
		1/8	6.46			3/8	37.69		
		3/16	9.42			1/2	48.85		
		1/4	12.21			9	x 9 x	3/16	22.18
		5/16	14.83					1/4	29.23
		3/8	17.27					5/16	36.10
1/2	21.63	3/8	42.79						
5	x 5 x	3/16	11.97			1/2	55.66		
		1/4	15.62	10	x 10 x	3/16	24.73		
		5/16	19.08			1/4	32.63		
		3/8	22.37			5/16	40.35		
1/2	28.43	3/8	47.90						
5 1/2	x 5 1/2 x	3/16	13.25			1/2	62.46		
		1/4	17.32	12	x 12 x	3/16	29.84		
		5/16	21.21			1/4	39.43		
		3/8	24.93			5/16	48.86		
		3/8	58.10						
6	x 6 x	3/16	14.53			1/2	76.07		
		1/4	19.02	14	x 14 x	5/16	57.36		
		5/16	23.34			3/8	68.31		
		3/8	27.48			1/2	89.68		
		1/2	35.24			16	x 16 x	5/16	65.87
		3/8	78.52						
		1/2	103.30						
7	x 7 x	3/16	17.08						
		1/4	22.42						
		5/16	27.59						
		3/8	32.58						
		1/2	42.05						

PIPE-TUBE

**WE WILL CUT
ANYTHING TO SIZE**

Rectangular Tubing

Lengths - 20, 24, & 40 Ft

Size & Wall	Weight Per Foot	Size & Wall	Weight Per Foot
1 x 1/2 x 16 Ga.	.61	2 x 1 x 13 Ga.	1.82
15 Ga.	.68	12 Ga.	2.06
14 Ga.	.75	1/8	2.25
1 x 3/4 x 16 Ga.	.72	2 x 1 1/4 x 16 Ga.	1.38
15 Ga.	.81	15 Ga.	1.56
14 Ga.	.89	14 Ga.	1.74
1 1/4 x 1 x 16 Ga.	.94	13 Ga.	1.98
15 Ga.	1.06	12 Ga.	2.25
14 Ga.	1.18	1/8	2.46
13 Ga.	1.33	2 x 1 1/2 x 16 Ga.	1.49
12 Ga.	1.51	15 Ga.	1.69
1/8	1.64	14 Ga.	1.88
1 1/2 x 1/2 x 16 Ga.	.83	13 Ga.	2.14
15 Ga.	.91	12 Ga.	2.43
14 Ga.	1.04	1/8	2.66
13 Ga.	1.17	2 1/2 x 1 x 14 Ga.	1.88
12 Ga.	1.32	1/8	2.66
1/8	1.44	2 1/2 x 1 1/2 x 16 Ga.	1.71
1 1/2 x 3/4 x 16 Ga.	.94	15 Ga.	1.84
15 Ga.	1.06	14 Ga.	2.10
14 Ga.	1.18	13 Ga.	2.38
13 Ga.	1.33	12 Ga.	2.70
12 Ga.	1.51	1/8	3.05
1/8	1.64	3/16	4.32
1 1/2 x 1 x 16 Ga.	1.05	1/4	5.40
15 Ga.	1.18	3 x 1 x 16 Ga.	1.71
14 Ga.	1.32	15 Ga.	1.84
13 Ga.	1.49	14 Ga.	2.10
12 Ga.	1.69	13 Ga.	2.38
1/8	1.84	12 Ga.	2.70
1 3/4 x 1 1/4 x 16 Ga.	1.27	1/8	3.05
15 Ga.	1.43	3/16	4.32
14 Ga.	1.60	1/4	5.40
13 Ga.	1.82	3 x 1 1/4 x 16 Ga.	1.79
12 Ga.	2.06	15 Ga.	1.96
1/8	2.25	14 Ga.	2.24
2 x 1 x 16 Ga.	1.27	13 Ga.	2.54
15 Ga.	1.43	12 Ga.	2.89
14 Ga.	1.60	1/8	3.26
		3/16	4.63
		1/4	5.82

Rectangular Tubing (con't)

Lengths - 20, 24, & 40 Ft

Size & Wall	Weight Per Foot	Size & Wall	Weight Per Foot	
3 x 1 1/2	16 Ga.	5 x 2	1/8	
	15 Ga.		3/16	
	14 Ga.		1/4	
	13 Ga.		5/16	
	12 Ga.		5 x 3	14 Ga.
	1/8			13 Ga.
	3/16			12 Ga.
	1/4			1/8
3 x 2	16 Ga.	3/16		
	15 Ga.	1/4		
	14 Ga.	5/16		
	13 Ga.	3/8		
	12 Ga.	1/2		
	1/8	5 x 4	3/16	
	3/16		1/4	
	1/4		5/16	
1/4	3/8			
3 1/2 x 1 1/2	16 Ga.	6 x 2	14 Ga.	
	15 Ga.		13 Ga.	
	14 Ga.		12 Ga.	
	13 Ga.		1/8	
	12 Ga.		3/16	
	1/8		1/4	
	3/16		5/16	
	1/4		3/8	
3 1/2 x 2 1/2	14 Ga.	6 x 3	1/8	
	13 Ga.		3/16	
	12 Ga.		1/4	
	1/8		5/16	
	3/16		3/8	
	1/4		1/2	
	1/4		6 x 4	14 Ga.
	13 Ga.			13 Ga.
12 Ga.	12 Ga.			
1/8	1/8			
4 x 2	14 Ga.	6 x 4	3/16	
	13 Ga.		1/4	
	12 Ga.		5/16	
	1/8		3/8	
	3/16		1/2	
	1/4		6 x 5	1/8
	3/16			3/16
	1/4			1/4
1/4	5/16			
4 x 3	14 Ga.	6 x 5	3/8	
	13 Ga.		1/2	
	12 Ga.		3/16	
	1/8		1/4	
	3/16		5/16	
	1/4		3/8	
	1/4		1/2	
	1/4		3/8	

PIPE-TUBE

Rectangular Tubing (con't)

Lengths - 20, 24, & 40 Ft

Size & Wall		Weight Per Foot	Size & Wall		Weight Per Foot	
7	x 3	x 3/16			11.97	
					1/4	15.62
					5/16	19.08
7	x 4	x 3/16			22.37	
					1/4	13.25
					5/16	17.32
7	x 5	x 3/16			21.21	
					1/4	24.93
					5/16	14.53
8	x 2	x 3/16			19.02	
					1/4	23.34
					5/16	27.48
8	x 3	x 3/16			35.24	
					1/4	11.97
					5/16	15.62
8	x 4	x 3/16			19.08	
					1/4	22.37
					5/16	13.25
8	x 6	x 3/16			17.32	
					1/4	21.21
					5/16	24.93
9	x 3	x 3/16			14.53	
					1/4	19.02
					5/16	23.34
9	x 5	x 3/16			27.48	
					1/4	17.08
					5/16	22.42
9	x 7	x 3/16			42.05	
					1/4	14.53
					5/16	19.02
10	x 2	x 3/16			25.82	
					1/4	31.84
					5/16	37.69
10	x 4	x 3/16			48.85	
					1/4	14.53
					5/16	19.02
10	x 6	x 3/16			23.34	
					1/4	27.48
					5/16	35.24
10	x 8	x 3/16			42.05	
					1/4	19.63
					5/16	25.82
12	x 4	x 3/16			31.84	
					1/4	37.69
					5/16	48.85
12	x 6	x 3/16			55.66	
					1/4	19.63
					5/16	25.82
12	x 8	x 3/16			31.84	
					1/4	37.69
					5/16	48.85
12	x 10	x 3/16			55.66	
					1/4	24.73
					5/16	32.63
12	x 12	x 3/16			40.35	
					1/4	47.90
					5/16	62.46

Round Tubing

SEAMLESS
ELECTRIC WELDED

DOM WELDED
C.D. BUTT WELDED

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
1/8x							
24	.022	.081	.0242	..	X	..	..
22	.028	.069	.0290	..	X	..	..
20	.035	.055	.0336	..	X	..	..
18	.049	.027	.0398	..	X	..	..
5/32x							
22	.028	.100	.0383	..	X	..	..
21	.032	.092	.0424	..	X	..	..
3/16x							
24	.022	.144	.0390	..	X	..	..
22	.028	.132	.0478	..	X	..	..
21	.032	.124	.0533	..	X	..	..
20	.035	.118	.0572	..	X	..	..
19	.042	.104	.0655	..	X	..	..
18	.049	.090	.0727	..	X	..	..
17	.058	.072	.0805	..	X	..	..
16	.065	.058	.0854	..	X	..	..
7/32x							
24	.022	.175	.0463	..	X	..	..
22	.028	.163	.0571	..	X	..	..
20	.035	.149	.0688	..	X	..	..
1/4x							
24	.022	.206	.0536	..	X	..	..
23	.025	.200	.0601	..	X	..	..
22	.028	.194	.0664	..	X	..	..
21	.032	.186	.0745	..	X	..	..
20	.035	.180	.0804	..	X	..	..
19	.042	.166	.0933	..	X	..	..
18	.049	.152	.1052	..	X	..	..
17	.058	.134	.1189	..	X	..	..
16	.065	.120	.1284	..	X	..	..
14	.083	.084	.1480	..	X	..	..
13	.095	.060	.1573	..	X*	..	..
9/32x							
18	.049	.183	.1214	..	X	..	..
5/16x							
24	.022	.269	.0684	..	X	..	..
23	.025	.263	.0769	..	X	..	..
22	.028	.257	.0852	..	X	..	..
21	.032	.249	.0960	..	X	..	..
20	.035	.243	.1039	..	X	..	..
19	.042	.229	.1216	..	X	..	..
18	.049	.215	.1382	..	X	..	..
17	.058	.197	.1580	..	X	..	..
16	.065	.183	.1722	..	X	..	..
14	.083	.147	.2039	..	X	..	..
13	.095	.123	.2212	..	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
11/32x							
21	.032	.280	.1066	..	X	..	..
3/8x							
24	.022	.331	.0829	..	X	..	..
22	.028	.319	.1038	..	X	X	..
21	.032	.311	.1172	..	X	..	..
20	.035	.305	.1271	..	X	X	..
19	.042	.291	.1494	..	X	..	..
18	.049	.277	.1706	..	X	X	..
17	.058	.259	.1964	..	X	..	..
16	.065	.245	.2152	..	X	X	..
15	.072	.231	.2330	..	X	..	..
14	.083	.209	.2588	..	X	..	..
13	.095	.185	.2841	..	X*	..	..
12	.109	.157	.3097	..	X*	..	..
1/8	.125	.125	.3338	..	X*	..	..
10	.134	.107	.3449	..	X*	..	..
13/32x							
16	.065	.276	.2367	..	X	..	..
14	.083	.240	.2863	..	X	..	..
13	.095	.216	.3155	..	X	..	..
7/16x							
24	.022	.394	.0977	..	X	..	..
23	.025	.388	.1103	..	X	..	..
22	.028	.382	.1226	..	X	..	..
21	.032	.374	.1388	..	X	..	..
20	.035	.368	.1506	..	X	X	..
18	.049	.340	.2036	..	X	X	..
17	.058	.322	.2354	..	X	..	..
16	.065	.308	.2589	..	X	X	..
14	.083	.272	.3147	..	X	..	..
13	.095	.248	.3480	..	X	..	..
12	.109	.220	.3830	..	X	..	..
1/8	.125	.188	.4179	..	X	..	..
1/2x							
24	.022	.456	.1123	..	X	..	..
22	.028	.444	.1411	..	X	..	..
21	.032	.436	.1599	..	X	..	..
20	.035	.430	.1738	..	X	X	..
19	.042	.416	.2054	..	X	..	..
18	.049	.402	.2360	..	X	X	..
17	.058	.384	.2738	..	X	..	..
16	.065	.370	.3020	..	X	X	..
15	.072	.356	.3291	..	X	..	..
14	.083	.334	.3696	..	X	..	..
13	.095	.310	.4109	..	X	..	..
12	.109	.282	.4552	..	X	..	..
11	.120	.260	.4870	..	X	..	..
1/8	.125	.250	.5006	..	X	..	..
10	.134	.232	.5238	..	X*	..	..
5/32	.156	.188	.5731	..	X*	..	..
3/16	.188	.124	.6264	..	X*	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
17/32x							
16	.065	.401	.3235	..	X	..	..
14	.083	.365	.3971	..	X	..	..
1/8	.125	.281	.5420	..	X	..	..
9/16x							
24	.022	.519	.1270	..	X	..	..
22	.028	.507	.1600	..	X	..	..
21	.032	.499	.1815	..	X	..	..
20	.035	.493	.1974	..	X	..	..
18	.049	.465	.2690	..	X	X	..
16	.065	.433	.3457	..	X	X	..
14	.083	.397	.4255	..	X	..	..
13	.095	.373	.4748	..	X	..	..
12	.109	.345	.5285	..	X	..	..
11	.120	.323	.5677	..	..	..	X
1/8	.125	.313	.5847	..	X	..	..
10	.134	.295	.6140	..	X	..	..
5/32	.156	.251	.6781	..	X*	..	..
3/16	.188	.187	.7529	..	X*	..	..
5/8x							
24	.022	.581	.1417	..	X	..	..
22	.028	.569	.1785	..	X	X	..
21	.032	.561	.2027	..	X	..	..
20	.035	.555	.2205	..	X	X	..
18	.049	.527	.3014	..	X	X	..
17	.058	.509	.3512	..	X	..	..
16	.065	.495	.3888	..	X	X	..
15	.072	.481	.4252	..	X	..	..
14	.083	.459	.4805	..	X	X	X
13	.095	.435	.5377	..	X	..	X
12	.109	.407	.6007	..	X	..	X
11	.120	.385	.6472	..	X	..	X
1/8	.125	.375	.6675	..	X	..	..
10	.134	.357	.7027	..	X	..	X
5/32	.156	.313	.7814	..	X*	..	..
3/16	.188	.249	.8774	..	X*	..	..
7/32	.219	.187	.9496	..	X*	..	..
21/32x							
13	.095	.466	.5692	..	X	..	..
11/16x							
23	.025	.638	.1770	..	X	..	..
22	.028	.632	.1974	..	X	..	..
21	.032	.624	.2242	..	X	..	..
18	.049	.590	.3344	..	X	..	..
17	.058	.572	.3902	..	X	..	..
16	.065	.558	.4325	..	X	X	..
14	.083	.522	.5363	..	X	..	X
13	.095	.498	.6017	..	X	..	..
12	.109	.470	.6740	..	X	..	..
11	.120	.448	.7279	..	..	..	X
1/8	.125	.438	.7516	..	X	..	..
10	.134	.420	.7928	..	X	..	..
5/32	.156	.376	.8864	..	X	..	..
3/16	.188	.312	1.004	..	X*	..	..
7/32	.219	.250	1.097	..	X*	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
3/4x							
24	.022	.706	.1711	..	X	..	..
22	.028	.694	.2159	..	X	..	..
20	.035	.680	.2673	..	X	X	..
18	.049	.652	.3668	..	X	X	..
17	.058	.634	.4287	..	X	..	..
16	.065	.620	.4755	..	X	X	..
15	.072	.606	.5214	..	X	..	..
14	.083	.584	.5913	..	X	X	X
13	.095	.560	.6646	..	X	X	X
12	.109	.532	.7462	..	X	..	X
11	.120	.510	.8074	..	X	X	X
1/8	.125	.500	.8344	..	X	..	..
10	.134	.482	.8816	..	X	..	X
5/32	.156	.438	.9897	..	X	..	X
11/64	.172	.406	1.062	..	..	..	X
3/16	.188	.374	1.128	..	X	..	X
7/32	.219	.312	1.242	..	X*	..	..
1/4	.250	.250	1.335	..	X*	..	..
13/16x							
22	.028	.757	.2347	..	X	..	..
20	.035	.743	.2908	..	X	..	..
18	.049	.715	.3998	..	X	..	..
17	.058	.697	.4677	..	X	..	..
16	.065	.683	.5193	..	X	X	..
14	.083	.647	.6471	..	X	..	X
13	.095	.623	.7285	..	X	..	..
12	.109	.595	.8195	..	X	..	..
11	.120	.573	.8881	..	X	..	X
1/8	.125	.563	.9185	..	X	..	..
10	.134	.545	.9717	..	X	..	..
5/32	.156	.501	1.095	..	X	..	..
3/16	.188	.437	1.255	..	X	..	..
7/32	.219	.375	1.389	..	X	..	..
1/4	.250	.313	1.503	..	X	..	..
27/32x							
12	.109	.626	.8556	..	X	..	..
5/32	.156	.532	1.146	..	X	..	..
7/8x							
22	.028	.819	.2533	..	X	..	..
21	.032	.811	.2881	..	X	..	..
20	.035	.805	.3140	..	X	X	..
18	.049	.777	.4323	..	X	X	..
17	.058	.759	.5061	..	X	..	..
16	.065	.745	.5623	..	X	X	..
15	.072	.731	.6175	..	X	..	..
14	.083	.709	.7021	..	X	X	..
13	.095	.685	.7914	..	X	X	..
12	.109	.657	.8917	..	X	..	X
11	.120	.635	.9676	..	X	X	X
1/8	.125	.625	1.001	..	X	..	..
10	.134	.607	1.061	..	X	..	..
5/32	.156	.563	1.198	..	X	..	X
3/16	.188	.499	1.379	..	X	..	X

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
7/8x							
7/32	.219	.437	1.534	..	X	..	..
1/4	.250	.375	1.669	..	X*	..	..
9/32	.281	.313	1.783	..	X*	..	..
5/16	.313	.249	1.879	X*	..	..	..
15/16x							
20	.035	.868	.3375	..	X	..	..
18	.049	.840	.4652	..	X	..	..
16	.065	.808	.6060	..	X	..	..
14	.083	.772	.7579	..	X	..	..
13	.095	.748	.8553	..	X	..	X
11	.120	.698	1.048	..	X	..	..
1/8	.125	.688	1.085	..	X	..	..
10	.134	.670	1.151	..	X	..	..
5/32	.156	.626	1.303	..	X	..	..
3/16	.188	.562	1.506	..	X	..	..
1/4	.250	.438	1.837	..	X	..	..
1x							
22	.028	.944	.2907	..	X	..	..
21	.032	.936	.3308	..	X	..	..
20	.035	.930	.3607	..	X	X	..
18	.049	.902	.4977	..	X	X	..
17	.058	.884	.5835	..	X	..	..
16	.065	.870	.6491	..	X	X	..
15	.072	.856	.7136	..	X	..	..
14	.083	.834	.8129	..	X	X	..
13	.095	.810	.9182	..	X	X	X
12	.109	.782	1.037	..	X	X	X
11	.120	.760	1.128	..	X	X	X
1/8	.125	.750	1.168	..	X	..	..
10	.134	.732	1.239	..	X	..	..
5/32	.156	.688	1.406	..	X	..	X
11/64	.172	.656	1.521	..	..	..	X
7	.180	.640	1.576	..	..	..	X
3/16	.188	.624	1.630	..	X	..	X
7/32	.219	.562	1.827	..	X	..	X
1/4	.250	.500	2.003	..	X	..	..
9/32	.281	.438	2.158	..	X	..	..
5/16	.313	.374	2.297	X*	..	..	..
11/32	.344	.312	2.410	X*	..	..	..
3/8	.375	.250	2.503	X*	..	..	..
1 1/16x							
22	.028	1.007	.3095	..	X	..	..
20	.035	.993	.3843	..	X	..	..
18	.049	.965	.5306	..	X	..	..
16	.065	.933	.6928	..	X	X	..
14	.083	.897	.8687	..	X	..	..
13	.095	.873	.9821	..	X	..	..
12	.109	.845	1.111	..	X	..	..
11	.120	.823	1.209	..	X	..	..
1/8	.125	.813	1.252	..	X	..	..
10	.134	.795	1.330	..	X	..	..
5/32	.156	.751	1.511	..	X	..	..
3/16	.188	.687	1.757	..	X	..	..
7/32	.219	.625	1.974	..	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
1 1/16x							
1/4	.250	.563	2.171	..	X	..	..
5/16	.313	.437	2.507	X	..	..	..
3/8	.375	.313	2.755	X*	..	..	..
1 1/8x							
22	.028	1.069	.3280	..	X	..	..
20	.035	1.055	.4074	..	X	X	..
18	.049	1.027	.5631	..	X	X	..
17	.058	1.009	.6609	..	X	..	..
16	.065	.995	.7359	..	X	X	..
14	.083	.959	.9237	..	X	X	..
13	.095	.935	1.045	..	X	..	X
12	.109	.907	1.183	..	X	..	X
11	.120	.885	1.288	..	X	X	X
1/8	.125	.875	1.335	..	X	..	..
10	.134	.857	1.418	..	X	..	X
5/32	.156	.813	1.614	..	X	..	X
11/64	.172	.781	1.751	..	..	..	X
3/16	.188	.749	1.881	..	X	..	X
7/32	.219	.687	2.119	..	X	..	X
1/4	.250	.625	2.336	..	X	..	X
9/32	.281	.563	2.533	..	X	..	..
5/16	.313	.499	2.714	X*	..	..	..
3/8	.375	.375	3.004	X*	..	..	..
1 3/16x							
22	.028	1.132	.3469	..	X	..	..
21	.032	1.124	.3951	..	X	..	..
20	.035	1.118	.4310	..	X	..	..
18	.049	1.090	.5961	..	X	..	..
16	.065	1.058	.7796	..	X	X	..
14	.083	1.022	.9795	..	X	..	..
13	.095	.998	1.109	..	X	..	..
1/8	.125	.938	1.419	..	X	..	..
5/32	.156	.876	1.719	..	X	..	..
3/16	.188	.812	2.008	..	X	..	..
7/32	.219	.750	2.266	..	X	..	..
1/4	.250	.688	2.505	..	X	..	..
5/16	.313	.562	2.925	..	X	..	..
1 1/4x							
22	.028	1.194	.3654	..	X	..	..
20	.035	1.180	.4542	..	X	X	..
18	.049	1.152	.6285	..	X	X	..
17	.058	1.134	.7384	..	X	..	..
16	.065	1.120	.8226	..	X	X	..
14	.083	1.084	1.035	..	X	X	..
13	.095	1.060	1.172	..	X	X	..
12	.109	1.032	1.328	..	X	X	X
11	.120	1.010	1.448	..	X	X	X
1/8	.125	1.000	1.502	..	X	..	..
10	.134	.982	1.597	..	X	..	X
5/32	.156	.938	1.823	..	X	..	X
3/16	.188	.874	2.132	..	X	..	X
7/32	.219	.812	2.411	..	X	..	X
1/4	.250	.750	2.670	..	X	..	X
9/32	.281	.688	2.908	..	X	..	X

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
1 1/4x							
5/16	.313	.624	3.132	..	X	..	X
11/32	.344	.562	3.329	..	X	..	..
3/8	.375	.500	3.504	..	X*	..	..
7/16	.438	.374	3.798	X*	..	..	..
1 5/16x							
20	.035	1.243	.4777	..	X	..	..
17	.058	1.197	.7774	..	X	..	..
16	.065	1.183	.8664	..	X	..	..
14	.083	1.147	1.090	..	X	..	..
13	.095	1.123	1.236	..	X	..	..
12	.109	1.095	1.402	..	X	..	..
11	.120	1.073	1.529	..	X	..	..
1/8	.125	1.063	1.586	..	X	..	..
10	.134	1.045	1.687	..	X	..	X
9	.148	1.017	1.841	..	X	..	..
5/32	.156	1.001	1.928	..	X	..	X
3/16	.188	.937	2.259	..	X	..	X
7/32	.219	.875	2.559	..	X	..	X
1/4	.250	.813	2.838	..	X	..	X
9/32	.281	.751	3.097	..	X	..	X
5/16	.313	.687	3.343	..	X	..	..
3/8	.375	.563	3.757	..	X*	..	..
1 3/8x							
22	.028	1.319	.4028	..	X	..	..
20	.035	1.305	.5009	..	X	X	..
18	.049	1.277	.6939	..	X	X	..
17	.058	1.259	.8158	..	X	..	..
16	.065	1.245	.9094	..	X	X	..
14	.083	1.209	1.145	..	X	X	..
13	.095	1.185	1.299	..	X	..	..
12	.109	1.157	1.474	..	X	..	..
11	.120	1.135	1.608	..	X	X	..
1/8	.125	1.125	1.669	..	X	..	..
10	.134	1.107	1.776	..	X	..	X
5/32	.156	1.063	2.031	..	X	..	X
11/64	.172	1.031	2.210	..	X	..	..
3/16	.188	.999	2.383	..	X	..	X
7/32	.219	.937	2.704	..	X	..	..
1/4	.250	.875	3.004	..	X	..	X
9/32	.281	.813	3.283	..	X	..	..
5/16	.313	.749	3.550	..	X	..	..
3/8	.375	.625	4.005	..	X*	..	..
1 7/16x							
20	.035	1.368	.5244	..	X	..	..
16	.065	1.308	.9531	..	X	..	..
14	.083	1.272	1.201	..	X	..	..
13	.095	1.248	1.363	..	X	..	..
11	.120	1.198	1.689	..	X	..	..
1/8	.125	1.188	1.753	..	X	..	..
10	.134	1.170	1.866	..	X	..	..
5/32	.156	1.126	2.136	..	X	..	..
3/16	.188	1.062	2.510	..	X	..	..
7/32	.219	1.000	2.851	..	X	..	..
1/4	.250	.938	3.172	..	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
1 1/2x							
20	.035	1.430	.5476	..	X	X	..
18	.049	1.402	.7593	..	X	X	..
17	.058	1.384	.8932	..	X	..	..
16	.065	1.370	.9962	..	X	X	..
14	.083	1.334	1.256	..	X	X	..
13	.095	1.310	1.426	..	X	X	..
12	.109	1.282	1.619	..	X	X	X
11	.120	1.260	1.769	..	X	X	X
1/8	.125	1.250	1.836	..	X	..	..
10	.134	1.232	1.955	..	X	X	..
5/32	.156	1.188	2.239	..	X	..	X
3/16	.188	1.124	2.634	..	X	..	X
7/32	.219	1.062	2.996	..	X	..	X
1/4	.250	1.000	3.338	..	X	..	X
9/32	.281	.938	3.658	..	X	..	..
5/16	.313	.874	3.968	..	X	..	X
11/32	.344	.812	4.247	..	X	..	..
3/8	.375	.750	4.506	..	X	..	..
7/16	.438	.624	4.968	X*	..	..	..
1/2	.500	.500	5.340	X*	..	..	..
1 9/16x							
20	.035	1.493	.5712	..	X	..	..
16	.065	1.433	1.040	..	X	..	..
13	.095	1.373	1.489	..	X	..	..
12	.109	1.345	1.693	..	X	..	..
11	.120	1.323	1.849	..	X	..	..
1/8	.125	1.313	1.920	..	X	..	..
10	.134	1.295	2.045	..	X	..	..
5/32	.156	1.251	2.344	..	X	..	..
3/16	.188	1.187	2.761	..	X	..	..
1/4	.250	1.063	3.506	..	X	..	..
5/16	.313	.937	4.179	..	X	..	..
3/8	.375	.813	4.758	..	X	..	..
1 5/8x							
20	.035	1.555	.5943	..	..	X	..
18	.049	1.527	.8248	..	X	X	..
17	.058	1.509	.9707	..	X	..	..
16	.065	1.495	1.083	..	X	X	..
14	.083	1.459	1.367	..	X	X	..
13	.095	1.435	1.552	..	X	..	..
12	.109	1.407	1.765	..	X	..	..
11	.120	1.385	1.929	..	X	X	..
1/8	.125	1.375	2.003	..	X	..	..
10	.134	1.357	2.134	..	X	..	X
5/32	.156	1.313	2.448	..	X	..	X
11/64	.172	1.281	2.669	..	X	..	..
3/16	.188	1.249	2.885	..	X	..	X
7/32	.219	1.187	3.289	..	X	..	X
1/4	.250	1.125	3.671	..	X	..	X
9/32	.281	1.063	4.034	..	X	..	X
5/16	.313	.999	4.386	..	X	..	X
3/8	.375	.875	5.006	..	X	..	..
7/16	.438	.749	5.553	X*	..	..	..
1/2	.500	.625	6.008	X*	..	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. 3utt Welded
1 11/16x							
16	.065	1.558	1.127	..	X	..	..
1/8	.125	1.438	2.087	..	X	..	..
5/32	.156	1.376	2.552	..	X	..	..
3/16	.188	1.312	3.012	..	X	..	..
1/4	.250	1.188	3.840	..	X	..	..
1 3/4x							
20	.035	1.680	.6411	..	X	X	..
18	.049	1.652	.8902	..	X	X	..
16	.065	1.620	1.170	..	X	X	..
14	.083	1.584	1.478	..	X	X	..
13	.095	1.560	1.679	..	X	X	..
12	.109	1.532	1.910	..	X	..	..
11	.120	1.510	2.089	..	X	X	X
1/8	.125	1.500	2.169	..	X	..	..
10	.134	1.482	2.313	..	X	..	..
5/32	.156	1.438	2.656	..	X	..	X
3/16	.188	1.374	3.136	..	X	..	X
7/32	.219	1.312	3.581	..	X	..	X
1/4	.250	1.250	4.005	..	X	..	X
9/32	.281	1.188	4.409	..	X	..	X
5/16	.313	1.124	4.804	..	X	..	..
3/8	.375	1.000	5.507	..	X	..	..
7/16	.438	.874	6.137	X	..	..	..
1/2	.500	.750	6.675	X*	..	..	..
9/16	.563	.624	7.137	X*	..	..	..
5/8	.625	.500	7.509	X*	..	..	..
1 13/16x							
1/8	.125	1.563	2.254	..	X	..	..
5/32	.156	1.501	2.761	..	X	..	..
3/16	.188	1.437	3.263	..	X	..	..
1/4	.250	1.313	4.173	..	X	..	..
1 7/8x							
18	.049	1.777	.9556	..	X	..	..
16	.065	1.745	1.257	..	X	X	..
14	.083	1.709	1.589	..	X	..	..
13	.095	1.685	1.806	..	X	X	..
12	.109	1.657	2.056	..	X	..	..
11	.120	1.635	2.249	..	X	X	..
1/8	.125	1.625	2.336	..	X	..	..
10	.134	1.607	2.492	..	X	..	..
5/32	.156	1.563	2.864	..	X	..	X
3/16	.188	1.499	3.387	..	X	..	..
7/32	.219	1.437	3.873	..	X	..	X
1/4	.250	1.375	4.339	..	X	..	..
9/32	.281	1.313	4.784	..	X	..	..
5/16	.313	1.249	5.222	..	X	..	..
3/8	.375	1.125	6.008	..	X	..	..
7/16	.438	.999	6.722	X	..	..	..
1/2	.500	.875	7.343	X*	..	..	..
9/16	.563	.749	7.889	X*	..	..	..
1 15/16x							
1/8	.125	1.688	2.420	..	X	..	..
5/32	.156	1.626	2.969	..	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
1 15/16x							
7/32	.219	1.500	4.021	..	X	..	..
1/4	.250	1.438	4.507	..	X	..	..
3/8	.375	1.188	6.260	..	X	..	..
2x							
20	.035	1.930	.7345	..	..	X	..
18	.049	1.902	1.021	..	X	X	..
16	.065	1.870	1.343	..	X	X	..
14	.083	1.834	1.699	..	X	X	..
13	.095	1.810	1.933	..	X	X	..
12	.109	1.782	2.201	..	X	X	..
11	.120	1.760	2.409	..	X	X	X
1/8	.125	1.750	2.503	..	X	..	..
10	.134	1.732	2.671	..	X	X	..
5/32	.156	1.688	3.072	..	X	..	X
7	.180	1.640	3.499	..	..	X	..
3/16	.188	1.624	3.638	..	X	..	X
7/32	.219	1.562	4.166	..	X	..	..
1/4	.250	1.500	4.673	..	X	..	X
9/32	.281	1.438	5.159	..	X	..	X
5/16	.313	1.374	5.639	..	X	..	X
11/32	.344	1.312	6.084	..	X	..	X
3/8	.375	1.250	6.508	..	X	..	X
7/16	.438	1.124	7.307	X	..	..	..
1/2	.500	1.000	8.010	X	..	..	..
9/16	.563	.874	8.641	X*	..	..	..
5/8	.625	.750	9.178	X*	..	..	..
3/4	.750	.500	10.01	X*	..	..	..
2 1/16x							
5/32	.156	1.751	3.177	..	X	..	..
3/16	.188	1.687	3.765	..	X	..	..
1/4	.250	1.563	4.841	..	X	..	..
5/16	.313	1.437	5.850	..	X	..	..
2 1/8x							
20	.035	2.055	.7812	..	..	X	..
18	.049	2.027	1.086	..	X	X	..
16	.065	1.995	1.430	..	X	X	..
14	.083	1.959	1.810	..	X	..	..
13	.095	1.935	2.060	..	X	..	..
11	.120	1.885	2.570	..	X	..	..
1/8	.125	1.875	2.670	..	X	..	..
5/32	.156	1.813	3.281	..	X	..	..
3/16	.188	1.749	3.889	..	X	..	..
7/32	.219	1.687	4.458	..	X	..	..
1/4	.250	1.625	5.006	..	X	..	..
9/32	.281	1.563	5.534	..	X	..	X
5/16	.313	1.499	6.057	..	X	..	..
3/8	.375	1.375	7.009	..	X	..	..
7/16	.438	1.249	7.892	X	..	..	..
1/2	.500	1.125	8.678	X	..	..	..
9/16	.563	.999	9.392	X*	..	..	..
2 3/16x							
1/8	.125	1.938	2.754	..	X	..	..
1/4	.250	1.688	5.175	..	X	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
2 1/4x							
20	.035	2.180	.828	..	..	X	..
18	.049	2.152	1.152	..	X	X	..
16	.065	2.120	1.517	..	X	X	..
14	.083	2.084	1.921	..	X	X	..
13	.095	2.060	2.187	..	X	..	..
12	.109	2.032	2.492	..	X	X	..
11	.120	2.010	2.730	..	X	X	..
1/8	.125	2.000	2.837	..	X	..	..
10	.134	1.982	3.028	..	X	..	..
5/32	.156	1.938	3.489	..	X	..	X
3/16	.188	1.874	4.140	..	X	..	X
7/32	.219	1.812	4.750	..	X	..	X
1/4	.250	1.750	5.340	..	X	..	X
9/32	.281	1.688	5.909	..	X	..	..
5/16	.313	1.624	6.475	..	X	..	..
11/32	.344	1.562	7.003	..	X	..	..
3/8	.375	1.500	7.509	..	X	..	..
13/32	.406	1.438	7.996	..	X	..	..
7/16	.438	1.374	8.476	..	X	..	..
1/2	.500	1.250	9.345	..	X	..	..
9/16	.563	1.124	10.14	X	..	..	..
5/8	.625	1.000	10.85	X*	..	..	..
3/4	.750	.750	12.02	X*	..	..	..
2 5/16x							
3/16	.188	1.937	4.267	..	X	..	..
1/4	.250	1.813	5.508	..	X	..	..
2 3/8x							
18	.049	2.277	1.217	..	..	X	..
16	.065	2.245	1.604	..	X	X	..
14	.083	2.209	2.032	..	X	..	..
13	.095	2.185	2.313	..	X	..	..
11	.120	2.135	2.890	..	X	..	..
1/8	.125	2.125	3.004	..	X	..	..
5/32	.156	2.063	3.697	..	X	..	X
3/16	.188	1.999	4.391	..	X	..	..
7/32	.219	1.937	5.043	..	X	..	X
1/4	.250	1.875	5.674	..	X	..	..
9/32	.281	1.813	6.284	..	X	..	..
5/16	.313	1.749	6.893	..	X	..	..
3/8	.375	1.625	8.010	..	X	..	..
7/16	.438	1.499	9.061	..	X	..	..
1/2	.500	1.375	10.01	..	X	..	..
9/16	.563	1.249	10.90	X	..	..	..
5/8	.625	1.125	11.68	X*	..	..	..
2 7/16x							
1/4	.250	1.938	5.842	..	X	..	..
2 1/2x							
18	.049	2.402	1.283	..	..	X	..
16	.065	2.370	1.690	..	X	X	..
14	.083	2.334	2.143	..	X	X	..
13	.095	2.310	2.440	..	X	X	..
12	.109	2.282	2.783	..	X	..	..
11	.120	2.260	3.050	..	X	X	..
1/8	.125	2.250	3.171	..	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
2 1/2x							
10	.134	2.232	3.386	..	X	..	..
5/32	.156	2.188	3.905	..	X	..	..
7	.180	2.140	4.460	..	..	X	..
3/16	.188	2.124	4.642	..	X	..	..
7/32	.219	2.062	5.335	..	X	..	X
1/4	.250	2.000	6.008	..	X	..	X
9/32	.281	1.938	6.659	..	X	..	..
5/16	.313	1.874	7.311	..	X	..	X
11/32	.344	1.812	7.921	..	X	..	..
3/8	.375	1.750	8.511	..	X	..	..
7/16	.438	1.624	9.646	..	X	..	..
1/2	.500	1.500	10.68	..	X	..	..
9/16	.563	1.374	11.65	..	X	..	..
5/8	.625	1.250	12.52	X	..	..	..
3/4	.750	1.000	14.02	X*	..	..	..
2 9/16x							
1/4	.250	2.063	6.176	..	X	..	..
2 5/8x							
16	.065	2.495	1.777	..	X	X	..
13	.095	2.435	2.567	..	X	..	..
12	.109	2.407	2.929	..	X	..	..
11	.120	2.385	3.210	..	X	..	..
1/8	.125	2.375	3.338	..	X	..	..
5/32	.156	2.313	4.114	..	X	..	..
7	.180	2.265	4.700	..	..	X	..
3/16	.188	2.249	4.893	..	X	..	..
7/32	.219	2.187	5.627	..	X	..	..
1/4	.250	2.125	6.341	..	X	..	..
9/32	.281	2.063	7.035	..	X	..	..
5/16	.313	1.999	7.729	..	X	..	..
3/8	.375	1.875	9.011	..	X	..	..
7/16	.438	1.749	10.23	..	X	..	..
1/2	.500	1.625	11.35	..	X	..	..
9/16	.563	1.499	12.40	..	X	..	..
5/8	.625	1.375	13.35	..	X	..	..
2 3/4x							
18	.049	2.652	1.414	..	..	X	..
16	.065	2.620	1.864	..	X	X	..
14	.083	2.584	2.364	..	X	..	..
13	.095	2.560	2.694	..	X	..	..
11	.120	2.510	3.371	..	X	X	..
1/8	.125	2.500	3.504	..	X	..	..
10	.134	2.482	3.744	..	X	..	..
5/32	.156	2.438	4.322	..	X	..	..
3/16	.188	2.374	5.144	..	X	..	..
7/32	.219	2.312	5.920	..	X	..	..
1/4	.250	2.250	6.675	..	X	..	..
9/32	.281	2.188	7.410	..	X	..	..
5/16	.313	2.124	8.147	..	X	..	..
11/32	.344	2.062	8.840	..	X	..	..
3/8	.375	2.000	9.512	..	X	..	..
7/16	.438	1.874	10.82	..	X	..	..
1/2	.500	1.750	12.02	..	X	..	..
9/16	.563	1.624	13.15	..	X	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	DOM Welded	Electric Welded*	C.D. Butt Welded
2 3/4x							
5/8	.625	1.500	14.18	..	X	..	..
11/16	.688	1.374	15.15	X	..	..	..
3/4	.750	1.250	16.02	X*	..	..	..
7/8	.875	1.000	17.52	X*	..	..	..
2 7/8x							
16	.065	2.745	1.951	..	X	X	..
13	.095	2.685	2.821	..	X	..	..
11	.120	2.635	3.531	..	X	X	..
1/8	.125	2.625	3.671	..	X	..	..
7	.180	2.515	5.181	..	..	X	..
3/16	.188	2.499	5.395	..	X	..	..
7/32	.219	2.437	6.212	..	X	..	..
1/4	.250	2.375	7.009	..	X	..	..
9/32	.281	2.313	7.785	..	X	..	..
5/16	.313	2.249	8.564	..	X	..	..
3/8	.375	2.125	10.01	..	X	..	..
7/16	.438	1.999	11.40	..	X	..	..
1/2	.500	1.875	12.68	..	X	..	..
9/16	.563	1.749	13.90	..	X	..	..
5/8	.625	1.625	15.02	..	X	..	..
3/4	.750	1.375	17.02	X*	..	..	..
3x							
18	.049	2.902	1.544	..	..	X	..
16	.065	2.870	2.038	..	X	X	..
14	.083	2.834	2.586	..	X	X	..
13	.095	2.810	2.947	..	X	X	..
12	.109	2.782	3.366	..	X	X	..
11	.120	2.760	3.691	..	X	X	..
1/8	.125	2.750	3.838	..	X	..	..
10	.134	2.732	4.102	..	X	..	..
5/32	.156	2.688	4.738	..	X	..	..
7	.180	2.640	5.421	..	..	X	..
3/16	.188	2.624	5.646	..	X	..	..
7/32	.219	2.562	6.505	..	X	..	X
1/4	.250	2.500	7.343	..	X	X	X
9/32	.281	2.438	8.160	..	X	..	..
5/16	.313	2.374	8.982	..	X	..	..
11/32	.344	2.312	9.758	..	X	..	..
3/8	.375	2.250	10.51	..	X	..	..
7/16	.438	2.124	11.98	..	X	..	..
1/2	.500	2.000	13.35	..	X	..	..
9/16	.563	1.874	14.65	..	X	..	..
5/8	.625	1.750	15.85	..	X	..	..
11/16	.688	1.624	16.99	X	..	..	..
3/4	.750	1.500	18.02	X	..	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

Seamless • DOM Welded • Electric Welded

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
3x							
7/8	.875	1.250	19.86	X*	X	..	..
1	1.000	1.000	21.36	X*	..	..	..
3 1/8x							
16	.065	2.995	2.124	..	..	X	X
13	.095	2.935	3.074	..	..	..	X
11	.120	2.885	3.851	..	..	X	..
1/8	.125	2.875	4.005	..	..	X	..
3/16	.188	2.749	5.897	..	..	X	..
7/32	.219	2.687	6.797	..	..	X	..
1/4	.250	2.625	7.676	..	..	X	..
5/16	.313	2.499	9.400	..	..	X	..
3/8	.375	2.375	11.01	..	..	X	..
7/16	.438	2.249	12.57	..	..	X	..
1/2	.500	2.125	14.02	..	..	X	..
9/16	.563	1.999	15.40	..	..	X	..
5/8	.625	1.875	16.69	..	..	X	..
3/4	.750	1.625	19.02	X	..	..	..
7/8	.875	1.375	21.03	X*	..	..	..
3 1/4x							
16	.065	3.120	2.221	..	..	..	X
13	.095	3.060	3.201	..	..	X	..
11	.120	3.010	4.011	..	..	X	X
1/8	.125	3.000	4.172	..	..	X	..
5/32	.156	2.938	5.155	..	..	X	..
3/16	.188	2.874	6.148	..	..	X	..
7/32	.219	2.812	7.089	..	..	X	..
1/4	.250	2.750	8.010	..	..	X	..
9/32	.281	2.688	8.910	..	..	X	..
5/16	.313	2.624	9.818	..	..	X	..
11/32	.344	2.562	10.68	..	..	X	..
3/8	.375	2.500	11.51	..	..	X	..
7/16	.438	2.374	13.15	..	..	X	..
1/2	.500	2.250	14.69	..	..	X	..
9/16	.563	2.124	16.16	..	..	X	..
5/8	.625	2.000	17.52	..	..	X	..
3/4	.750	1.750	20.23	X	..	..	..
7/8	.875	1.500	22.19	X*	..	..	..
1	1.000	1.250	24.03	X*	..	..	..
3 3/8x							
1/8	.125	3.125	4.339	..	..	X	..
3/16	.188	2.999	6.399	..	..	X	..
1/4	.250	2.875	8.344	..	..	X	..
5/16	.313	2.749	10.24	..	..	X	..
3/8	.375	2.625	12.02	..	..	X	..
7/16	.438	2.499	13.74	..	..	X	..
1/2	.500	2.375	15.35	..	..	X	..
5/8	.625	2.125	18.36	..	..	X	..
3/4	.750	1.875	21.03	X	..	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
3 1/2x							
18	.049	3.402	1.806	..	..	..	X
16	.065	3.370	2.385	..	..	X	X
14	.083	3.334	3.029	..	..	X	X
13	.095	3.310	3.455	..	..	X	..
11	.120	3.260	4.332	..	..	X	X
1/8	.125	3.250	4.506	..	..	X	..
10	.134	3.232	4.817	..	..	X	..
5/32	.156	3.188	5.571	..	..	X	..
7	.180	3.140	6.382	..	..	..	X
3/16	.188	3.124	6.650	..	..	X	..
7/32	.219	3.062	7.674	..	..	X	..
1/4	.250	3.000	8.678	..	..	X	X
9/32	.281	2.938	9.661	..	..	X	..
5/16	.313	2.874	10.65	..	..	X	..
11/32	.344	2.812	11.59	..	..	X	..
3/8	.375	2.750	12.52	..	..	X	..
7/16	.438	2.624	14.32	..	..	X	..
1/2	.500	2.500	16.02	..	X	X	..
9/16	.563	2.374	17.66	..	..	X	..
5/8	.625	2.250	19.19	..	..	X	..
3/4	.750	2.000	22.03	X	..	..	..
7/8	.875	1.750	24.53	X	..	..	..
1	1.000	1.500	26.70	X*	..	..	..
3 5/8x							
16	.065	3.495	2.471	..	..	..	X
11	.120	3.385	4.492	..	..	X	..
1/8	.125	3.375	4.673	..	..	X	..
3/16	.138	3.249	6.901	..	..	X	..
1/4	.250	3.125	9.011	..	..	X	..
5/16	.313	2.999	11.07	..	..	X	..
3/8	.375	2.875	13.02	..	..	X	..
7/16	.438	2.749	14.91	..	..	X	..
1/2	.500	2.625	16.69	..	..	X	..
9/16	.563	2.499	18.41	..	..	X	..
5/8	.625	2.375	20.03	..	..	X	..
3/4	.750	2.125	23.03	X	..	..	..
3 3/4x							
13	.095	3.560	3.708	..	..	X	..
11	.120	3.510	4.652	..	..	..	X
1/8	.125	3.500	4.839	..	..	X	..
10	.134	3.482	5.175	..	..	X	..
3/16	.188	3.374	7.152	..	..	X	..
7/32	.219	3.312	8.259	..	..	X	..
1/4	.250	3.250	9.345	..	..	X	..
5/16	.313	3.124	11.49	..	..	X	..
11/32	.344	3.062	12.51	..	..	X	..
3/8	.375	3.000	13.52	..	..	X	..
7/16	.438	2.874	15.49	..	..	X	..
1/2	.500	2.750	17.36	..	X	X	..
9/16	.563	2.624	19.16	..	..	X	..
5/8	.625	2.500	20.86	..	..	X	..
11/16	.688	2.374	22.50	X	..	..	..
3/4	.750	2.250	24.03	X	..	..	..
7/8	.875	2.000	26.87	X	..	..	..
1	1.000	1.750	29.37	X*	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
3 7/8x							
1/8	.125	3.625	5.006	..	..	X	..
3/16	.188	3.499	7.403	..	..	X	..
1/4	.250	3.375	9.679	..	..	X	..
5/16	.313	3.249	11.91	..	..	X	..
3/8	.375	3.125	14.02	..	..	X	..
7/16	.438	2.999	16.08	..	..	X	..
1/2	.500	2.875	18.02	..	..	X	..
5/8	.625	2.625	21.69	..	..	X	..
3/4	.750	2.375	25.03	X	..	..	..
4x							
16	.065	3.870	2.732	..	..	..	X
14	.083	3.834	3.472	..	..	X	X
13	.095	3.810	3.962	..	..	X	X
12	.109	3.782	4.530	..	..	..	X
11	.120	3.760	4.973	..	..	X	X
1/8	.125	3.750	5.173	..	..	X	..
10	.134	3.732	5.533	..	..	X	X
5/32	.156	3.688	6.404	..	..	X	..
7	.180	3.640	7.344	..	..	..	X
3/16	.188	3.624	7.654	..	..	X	..
7/32	.219	3.562	8.844	..	..	X	X
1/4	.250	3.500	10.01	..	..	X	X
9/32	.281	3.438	11.16	..	..	X	..
5/16	.313	3.374	12.33	..	..	X	..
3/8	.375	3.250	14.52	..	..	X	..
7/16	.438	3.124	16.66	..	..	X	..
1/2	.500	3.000	18.69	..	X	X	..
9/16	.563	2.874	20.67	..	..	X	..
5/8	.625	2.750	22.53	..	..	X	..
11/16	.688	2.624	24.34	X	..	..	..
3/4	.750	2.500	26.03	X	X	..	..
7/8	.875	2.250	29.20	X	..	..	..
1	1.000	2.000	32.04	X	X	..	..
1 1/8	1.125	1.750	34.54	X*	..	..	..
1 1/4	1.250	1.500	36.71	X*	X	..	..
4 1/8x							
3/16	.188	3.749	7.905	..	..	X	..
1/4	.250	3.625	10.35	..	..	X	..
5/16	.313	3.499	12.74	..	..	X	..
3/8	.375	3.375	15.02	..	..	X	..
7/16	.438	3.249	17.25	..	..	X	..
1/2	.500	3.125	19.36	..	..	X	..
4 1/4x							
16	.065	4.120	2.905	..	..	..	X
11	.120	4.010	5.293	..	..	X	X
1/8	.125	4.000	5.507	..	..	X	..
5/32	.156	3.938	6.821	..	..	X	..
7	.180	3.890	7.824	..	..	..	X
1/4	.250	3.750	10.68	..	..	X	..
5/16	.313	3.624	13.16	..	..	X	..
11/32	.344	3.562	14.35	..	..	X	..
3/8	.375	3.500	15.52	..	..	X	..
7/16	.438	3.374	17.83	..	..	X	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless	DOM Welded	Electric Welded*
4 1/4x							
1/2	.500	3.250	20.03	..	..	X	..
5/8	.625	3.000	24.20	..	..	X	..
11/16	.688	2.874	26.17	X	..	..	..
3/4	.750	2.750	28.04	X	X	..	..
7/8	.875	2.500	31.54	X	..	..	..
1	1.000	2.250	34.71	X	X	..	..
1 1/8	1.125	2.000	37.55	X*	..	..	..
1 1/4	1.250	1.750	40.05	X*	X	..	..
4 3/8x							
3/16	.188	3.999	8.407	..	..	X	..
1/4	.250	3.875	11.01	..	..	X	..
5/16	.313	3.749	13.58	..	..	X	..
3/8	.375	3.625	16.02	..	..	X	..
1/2	.500	3.375	20.69	..	..	X	..
5/8	.625	3.125	25.03	..	..	X	..
3/4	.750	2.875	29.04	X	..	..	..
4 1/2x							
16	.065	4.370	3.079	..	..	..	X
14	.083	4.334	3.915	..	..	..	X
13	.095	4.310	4.469	..	..	X	X
11	.120	4.260	5.613	..	..	X	X
1/8	.125	4.250	5.841	..	..	X	..
7	.180	4.140	8.305	..	..	..	X
3/16	.188	4.124	8.658	..	..	X	..
7/32	.219	4.062	10.01	..	..	X	..
1/4	.250	4.000	11.35	..	..	X	X
5/16	.313	3.874	14.00	..	..	X	..
3/8	.375	3.750	16.52	..	..	X	..
7/16	.438	3.624	19.00	..	..	X	..
1/2	.500	3.500	21.36	..	..	X	..
9/16	.563	3.374	23.67	..	..	X	..
5/8	.625	3.250	25.87	..	..	X	..
11/16	.688	3.124	28.01	X	..	..	..
3/4	.750	3.000	30.04	X	X	..	..
7/8	.875	2.750	33.88	X	..	..	..
1	1.000	2.500	37.38	X	X	..	..
1 1/8	1.125	2.250	40.55	X	..	..	..
1 1/4	1.250	2.000	43.39	X*	X	..	..
1 1/2	1.500	1.500	48.06	..	X	..	..
4 5/8x							
3/16	.188	4.249	8.909	..	..	X	..
1/4	.250	4.125	11.68	..	..	X	..
5/16	.313	3.999	14.41	..	..	X	..
3/8	.375	3.875	17.02	..	..	X	..
1/2	.500	3.625	22.03	..	..	X	..
5/8	.625	3.375	26.70	..	..	X	..
3/4	.750	3.125	31.04	X	..	..	..
4 3/4x							
11	.120	4.510	5.934	..	..	..	X
1/8	.125	4.500	6.174	..	..	X	..
3/16	.188	4.374	9.160	..	..	X	..
1/4	.250	4.250	12.02	..	..	X	..
5/16	.313	4.124	14.83	..	..	X	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
4 3/4x							
3/8	.375	4.000	17.52	..	..	X	..
7/16	.438	3.874	20.17	..	..	X	..
1/2	.500	3.750	22.70	..	..	X	..
9/16	.563	3.624	25.18	..	..	X	..
5/8	.625	3.500	27.53	..	..	X	..
3/4	.750	3.250	32.04	X	X	..	..
7/8	.875	3.000	36.21	X	..	..	..
1	1.000	2.750	40.05	X	..	..	..
1 1/4	1.250	2.250	46.73	X*	X	..	..
4 7/8x							
3/16	.188	4.499	9.411	..	..	X	..
1/4	.250	4.375	12.35	..	..	X	..
3/8	.375	4.125	18.02	..	..	..	..
7/16	.438	3.999	20.76	..	..	X	..
1/2	.500	3.875	23.36	..	..	X	..
3/4	.750	3.375	33.04	X	..	..	..
5x							
16	.065	4.870	3.426	..	..	..	X
14	.083	4.834	4.359	..	..	..	X
11	.120	4.760	6.254	..	..	X	X
1/8	.125	4.750	6.508	..	..	X	..
7	.180	4.640	9.266	..	..	..	X
3/16	.188	4.624	9.662	..	..	X	..
1/4	.250	4.500	12.68	..	..	X	X
5/16	.313	4.374	15.67	..	..	X	..
3/8	.375	4.250	18.52	..	..	X	..
1/2	.500	4.000	24.03	..	X	X	..
9/16	.563	3.874	26.68	..	..	X	..
5/8	.625	3.750	29.20	..	..	X	..
3/4	.750	3.500	34.04	X	X	..	..
7/8	.875	3.250	38.55	X	X	..	..
1	1.000	3.000	42.72	X	X	..	..
1 1/8	1.125	2.750	46.56	X	..	..	..
1 1/4	1.250	2.500	50.06	X	X	..	..
1 1/2	1.500	2.000	56.07	..	X	..	..
5 1/8x							
5/16	.313	4.499	16.09	..	..	X	..
3/8	.375	4.375	19.02	..	..	X	..
5/8	.625	3.875	30.04	..	..	X	..
1	1.000	3.125	44.06	X	..	..	..
5 1/4x							
1/8	.125	5.000	6.842	..	..	X	..
3/16	.188	4.874	10.16	..	..	X	..
1/4	.250	4.750	13.35	..	..	X	..
5/16	.313	4.624	16.50	..	..	X	..
3/8	.375	4.500	19.52	..	..	X	..
1/2	.500	4.250	25.37	..	..	X	..
5/8	.625	4.000	30.87	..	..	X	..
3/4	.750	3.750	36.05	X	X	..	..
7/8	.875	3.500	40.88	X	..	..	..
1	1.000	3.250	45.39	X	X	..	..
1 1/4	1.250	2.750	53.40	X	X	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
5 3/8x 3/16	.188	4.999	10.41	..	..	X	..
5 1/2x							
16	.065	5.370	3.773	..	..	..	X
11	.120	5.260	6.895	..	..	X	X
1/8	.125	5.250	7.176	..	..	X	..
3/16	.188	5.124	10.67	..	..	X	..
1/4	.250	5.000	14.02	..	..	X	X
5/16	.313	4.874	17.34	..	..	X	..
3/8	.375	4.750	20.53	..	..	X	..
7/16	.438	4.624	23.68	..	..	X	..
1/2	.500	4.500	26.70	..	..	X	..
5/8	.625	4.250	32.54	..	..	X	..
3/4	.750	4.000	38.05	X	..	..	..
7/8	.875	3.750	43.22	X	..	..	..
1	1.000	3.500	48.06	X	X	..	..
1 1/4	1.250	3.000	56.74	X	X	..	..
1 1/2	1.500	2.500	64.08	..	X	..	..
5 5/8x							
5/16	.313	4.999	17.76	..	..	X	..
3/8	.375	4.875	21.03	..	..	X	..
1/2	.500	4.625	27.37	..	..	X	..
5/8	.625	4.375	33.38	..	..	X	..
5 3/4x							
1/8	.125	5.500	7.509	..	..	X	..
3/16	.188	5.374	11.17	..	..	X	..
1/4	.250	5.250	14.69	..	..	X	..
3/8	.375	5.00.0	21.53	..	..	X	..
1/2	.500	4.750	28.04	..	..	X	..
5/8	.625	4.500	34.21	..	..	X	..
3/4	.750	4.250	40.05	X	..	..	..
7/8	.875	4.000	45.56	X	..	..	..
1	1.000	3.750	50.73	X	X	..	..
6x							
16	.065	5.870	4.120	..	..	..	X
14	.083	5.834	5.245	..	..	..	X
11	.120	5.760	7.536	..	..	..	X
1/8	.125	5.750	7.843	..	..	X	..
10	.134	5.732	8.395	..	..	..	X
7	.180	5.640	11.19	..	..	..	X
3/16	.188	5.624	11.67	..	..	X	..
1/4	.250	5.500	15.35	..	..	X	X
5/16	.313	5.374	19.01	..	..	X	..
3/8	.375	5.250	22.53	..	..	X	..
1/2	.500	5.000	29.37	..	X	X	..
9/16	.563	4.874	32.69	..	..	X	..
5/8	.625	4.750	35.88	..	..	X	..
3/4	.750	4.500	42.05	X	X	..	..
7/8	.875	4.250	47.89	X	..	..	..
1	1.000	4.000	53.40	X	X	..	..
1 1/4	1.250	3.500	63.41	X	X	..	..
1 1/2	1.500	3.000	72.09	..	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions.

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
6 1/4x							
1/8	.125	6.000	8.177	..	..	X	..
3/16	.188	5.874	12.17	..	..	X	..
1/4	.250	5.750	16.02	..	..	X	..
5/16	.313	5.624	19.85	..	..	X	..
3/8	.375	5.500	23.53	..	..	X	..
1/2	.500	5.250	30.71	..	..	X	..
5/8	.625	5.000	37.55	..	..	X	..
3/4	.750	4.750	44.06	X	..	..	..
7/8	.875	4.500	50.23	X	..	..	..
1	1.000	4.250	56.07	X	X	..	..
6 1/2x							
10	.134	6.232	9.111	..	..	X	..
3/16	.188	6.124	12.67	..	..	X	..
1/4	.250	6.000	16.69	..	..	X	..
3/8	.375	5.750	24.53	..	..	X	..
1/2	.500	5.500	32.04	..	..	X	..
5/8	.625	5.250	39.22	..	..	X	..
3/4	.750	5.000	46.06	X	..	..	..
7/8	.875	4.750	52.57	X	..	..	..
1	1.000	4.500	58.74	X	X	..	..
1 1/4	1.250	4.000	70.09	X	X	..	..
1 1/2	1.500	3.500	80.10	..	X	..	..
6 5/8x							
1/8	.125	6.375	8.678	..	..	..	X
3/16	.188	6.249	12.92	..	..	X	..
6 3/4x							
1/4	.250	6.250	17.36	..	..	X	..
3/8	.375	6.000	25.53	..	..	X	..
1/2	.500	5.750	33.38	..	..	X	..
5/8	.625	5.500	40.88	..	..	X	..
3/4	.750	5.250	48.06	X	X	..	..
7/8	.875	5.000	54.90	X	..	..	..
1	1.000	4.750	61.41	X	X	..	..
7x							
17	.058	6.884	4.300	..	..	..	X
15	.072	6.856	5.327	..	..	..	X
1/8	.125	6.750	93.78	..	..	..	X
3/16	.188	6.624	13.68	..	..	X	..
1/4	.250	6.500	18.02	..	..	X	..
3/8	.375	6.250	26.53	..	..	X	..
1/2	.500	6.000	34.71	..	X	X	..
5/8	.625	5.750	42.55	..	..	X	..
3/4	.750	5.500	50.06	X	X	..	..
1	1.000	5.000	64.08	X	X	..	..
1 1/4	1.250	4.500	76.76	X	X	..	..
1 1/2	1.500	4.000	88.11	..	X	..	..
1 7/8	1.875	3.250	102.6	..	X	..	..
2	2.000	3.000	106.8	..	X	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
7 1/4x							
3/16	.188	6.874	14.18	..	..	X	..
1/4	.250	6.750	18.69	..	..	X	..
3/8	.375	6.500	27.53	..	..	X	..
1/2	.500	6.250	36.05	..	..	X	..
5/8	.625	6.000	44.22	X	..	..	..
3/4	.750	5.750	52.07	X	..	..	..
1	1.000	5.250	66.75	X	X	..	..
7 1/2x							
1/4	.250	7.000	19.36	..	..	X	..
3/8	.375	6.750	28.54	..	..	X	..
1/2	.500	6.500	37.38	..	..	X	..
5/8	.625	6.250	45.89	..	..	X	..
3/4	.750	6.000	54.07	X	X	..	..
1	1.000	5.500	69.42	X	X	..	..
1 1/4	1.250	5.000	83.44	X	X	..	..
1 1/2	1.500	4.500	96.12	..	X	..	..
7 3/4x							
1/4	.250	7.250	20.03	..	..	X	..
3/8	.375	7.000	29.54	..	..	X	..
1/2	.500	6.750	38.72	..	X	X	..
5/8	.625	6.500	47.56	..	..	X	..
3/4	.750	6.250	56.07	X	X	..	..
1	1.000	5.750	72.09	X	X	..	..
8x							
17	.058	7.884	4.920	..	..	..	X
15	.072	7.856	6.096	..	..	..	X
12	.109	7.782	9.186	..	..	..	X
1/8	.125	7.750	10.51	..	..	..	X
10	.134	7.732	11.26	..	..	..	X
3/16	.188	7.624	15.69	..	..	..	X
1/4	.250	7.500	20.69	..	..	X	X
3/8	.375	7.250	30.54	..	..	X	..
1/2	.500	7.000	40.05	..	X	X	..
5/8	.625	6.750	49.23	..	..	X	..
3/4	.750	6.500	58.07	X	X	..	..
1	1.000	6.000	74.76	X	X	..	..
1 1/8	1.125	5.750	82.60	X	..	..	..
1 1/4	1.250	5.500	90.11	X	X	..	..
1 1/2	1.500	5.000	104.1	..	X	..	..
2	2.000	4.000	128.2	..	X	..	..
8 1/4x							
1/2	.500	7.250	41.39	..	..	X	..
5/8	.625	7.000	50.90	..	..	X	..
3/4	.750	6.750	60.08	X	X	..	..
7/8	.875	6.500	68.92	X	..	..	..
1	1.000	6.250	77.43	X	X	..	..
8 1/2x							
1/4	.250	8.000	22.03	..	..	X	..
3/8	.375	7.750	32.54	..	..	X	..
1/2	.500	7.500	42.72	..	..	X	..
5/8	.625	7.250	52.57	..	..	X	..
3/4	.750	7.000	62.08	X	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
8 1/2x							
1	1.000	6.500	80.10	X	X	..	..
1 1/4	1.250	6.000	96.79	X	X	..	..
1 1/2	1.500	5.500	112.1	..	X	..	..
8 5/8x							
12	.109	8.407	9.914	..	..	..	X
1/8	.125	8.375	11.35	..	..	..	X
8 3/4x							
3/8	.375	8.000	33.54	..	..	X	..
3/4	.750	7.250	64.08	X	X	..	..
1	1.000	6.750	82.77	X	X	..	..
1 1/2	1.500	5.750	116.1	..	X	..	..
9x							
1/4	.250	8.500	23.36	..	..	X	..
1/2	.500	8.000	45.39	..	..	X	..
3/4	.750	7.500	66.08	X	X	..	..
1	1.000	7.000	85.44	X	X	..	..
1 1/4	1.250	6.500	103.5	..	X	..	..
1 1/2	1.500	6.000	120.2	..	X	..	..
2	2.000	5.000	149.5	..	X	..	..
9 1/4x							
1/2	.500	8.250	46.73	..	..	X	..
3/4	.750	7.750	68.09	X	X	..	..
1	1.000	7.250	88.11	X	X	..	..
9 1/2x							
1/4	.250	9.000	24.70	..	..	X	..
1/2	.500	8.500	48.06	..	..	X	..
3/4	.750	8.000	70.09	X	X	..	..
1	1.000	7.500	90.78	X	X	..	..
1 1/8	1.125	7.250	100.6	X	..	..	..
1 1/2	1.500	6.500	128.2	..	X	..	..
2	2.000	5.500	160.2	..	X	..	..
9 3/4x							
1/4	.250	9.250	25.37	..	..	X	..
1/2	.500	8.750	49.40	..	..	X	..
3/4	.750	8.250	72.09	..	X	..	..
1	1.000	7.750	93.45	..	X	..	..
1 1/2	1.500	6.750	132.2	..	X	..	..
10x							
15	.072	9.856	7.634	..	..	..	X
12	.109	9.782	11.51	..	..	..	X
10	.134	9.732	14.12	..	..	..	X
3/16	.188	9.624	19.70	..	..	..	X
1/4	.250	9.500	26.03	..	..	X	..
3/8	.375	9.250	38.55	..	..	X	..
1/2	.500	9.000	50.73	..	X	X	..
3/4	.750	8.500	74.09	X	X	..	..
1	1.000	8.000	96.12	X	X	..	..
1 1/8	1.125	7.750	106.6	X	..	..	..
1 1/4	1.250	7.500	116.8	X	X	..	..
1 1/2	1.500	7.000	136.2	..	X	..	..
2	2.000	6.000	170.9	..	X	..	..

Round Tubing (con't)

O.D. & Ga.	Wall	I.D.	Lbs. Per Ft.	C.D. Seamless	HF Seamless*	DOM Welded	Electric Welded*
10 1/4x							
1 1/2	1.500	7.250	140.2	..	X	..	..
10 1/2x							
1/4	.250	10.000	27.37	..	..	X	..
3/8	.375	9.750	40.55	..	..	X	..
1/2	.500	9.500	53.40	..	X	X	..
3/4	.750	9.000	78.10	X	X	..	..
1	1.000	8.500	101.5	..	X	..	..
1 1/4	1.250	8.000	123.5	..	X	..	..
1 1/2	1.500	7.500	144.2	..	X	..	..
10 3/4x							
3/8	.375	10.000	41.55	..	..	X	..
1/2	.500	9.750	54.74	..	..	X	..
1	1.000	8.750	104.1	..	X	..	..
1 1/8	1.125	8.500	115.6	..	..	..	..
1 1/4	1.250	8.250	126.8	..	X	..	..
1 1/2	1.500	7.750	148.2	..	X	..	..
11x							
1/2	.500	10.000	56.07	..	..	X	..
3/4	.750	9.500	82.10	X	X	..	..
1	1.000	9.000	106.8	..	X	..	..
1 1/2	1.500	8.000	152.2	..	X	..	..
2	2.000	7.000	192.2	..	X	..	..
11 1/2x							
3/4	.750	10.000	86.11	..	X	..	..
1	1.000	9.500	112.1	..	X	..	..
1 1/2	2.000	8.500	160.2	..	X	..	..
11 3/4x							
1/2	.500	10.750	60.08	..	X	..	..
3/4	.750	10.250	88.11	X	X	..	..
1	1.000	9.750	114.8	..	X	..	..
12x							
3/16	.188	11.624	23.72	..	..	..	X
1/4	.250	11.500	31.37	..	..	X	..
3/8	.375	11.250	46.56	..	..	X	..
1/2	.500	11.000	61.41	..	..	X	..
3/4	.750	10.500	90.11	..	X	..	..
1	1.000	10.000	117.5	..	X	..	..
1 1/4	1.250	9.500	143.5	..	X	..	..
1 1/2	1.500	9.000	168.2	..	X	..	..
2	2.000	8.000	213.6	..	X	..	..
121/4x							
3/4	.750	10.750	92.12	..	X	..	..
1	1.000	10.250	120.2	..	X	..	..
13x							
1	1.000	11.000	128.2	..	X	..	..
15x							
3/4	.750	13.500	114.1	..	X	..	..

PIPE-TUBE

*Produced to O.D. and Wall dimensions

Expanded Metal — Diamond Patterns
Carbon Steel — Safe-T-Mesh — Standard

Standard Expanded Metal

Style	Lbs. Per 100 Sq. Ft.		Standard Sheet Size (Ft.)		Design Sizes (Inches)		Opening Size (Inches)		Approx. Strand Size (Inches)		Overall Thickness (in.)	Number of Designs Per Ft.		(% Open Area)
	Width	Length	SWD	LWD	SWD	LWD	SWD	LWD	Thickness	Width		SWD	LWD	
1/4" #18	4	8	.25	1.00	.16	.67	.048	.072	.048	.072	.147	48	12	38
1/2" #20	4	8	.50	1.20	.44	.97	.036	.072	.036	.072	.140	24	10	76
1/2" #18	4 & 6	8	.50	1.20	.42	.94	.048	.086	.048	.086	.172	24	10	68
1/2" #16	4	8 & 10	.50	1.20	.38	.90	.060	.087	.060	.087	.175	24	10	60
1/2" #13	4	8 & 10	.50	1.20	.33	.88	.092	.096	.092	.096	.204	24	10	67
3/4" #16	4 & 6	8, 4 x 10	.92	2.00	.78	1.69	.060	.101	.060	.101	.210	13	6	80
3/4" #13	4 & 6	8, 4 x 10	.92	2.00	.80	1.63	.092	.096	.092	.096	.205	13	6	74
3/4" #10 (13 ga.)	4 & 6	8	.92	2.00	.70	1.61	.092	.144	.092	.144	.290	13	6	71
3/4" #9 (10 ga.)	4 & 6	8, 4 x 10	.92	2.00	.66	1.52	.134	.150	.134	.150	.312	13	6	65
1" #16	4	8	1.00	2.40	.90	2.03	.060	.087	.060	.087	.192	12	5	87
1 1/2" #16	4	8	1.33	3.00	1.25	2.61	.060	.108	.060	.108	.230	9	4	86
1 1/2" #13	4 & 6	8 & 10	1.33	3.00	1.23	2.55	.092	.105	.092	.105	.242	9	4	85
1 1/2" #10 (13 ga.)	4 & 6	8	1.33	3.00	1.19	2.50	.092	.138	.092	.138	.284	9	4	81
1 1/2" #9 (102 ga.)	4 & 6	8 & 10	1.33	3.00	1.14	2.44	.134	.144	.134	.144	.312	9	4	68
1 1/2" #6	4	8	1.33	3.00	1.03	2.28	.198	.203	.198	.203	.433	9	4	61
2" #9 (10 ga.)	4	8	1.85	4.00	1.67	3.38	.134	.149	.134	.149	.312	6.5	3	84

Flattened Expanded Metal

Carbon Steel - Flattened

Style	Lbs. Per 100 Sq. Ft.	Standard Sheet Size (Ft.)		Design Sizes (Inches)		Opening Size (Inches)		Approx. Strand Size (Inches)		Overall Thickness (In.)	Number of Designs Per Ft.		(% Open Area)
		Width	Length	SWD	LWD	SWD	LWD	SWD	LWD		SWD	LWD	
1/4" #18F	108	4	8	.25	1.05	.13	.72	.040	.080	.040	48	11.6	37
1/2" #20F	40	3 & 4	8	.50	1.25	.38	.94	.029	.079	.029	24	9.5	70
1/2" #18F	66	3 & 4	8	.50	1.25	.31	1.00	.039	.097	.039	24	9.5	63
1/2" #16F	82	3 & 4	8, 4 & 10	.50	1.25	.31	1.00	.050	.096	.050	24	9.5	62
1/2" #13F	140	3 & 4	8, 4 & 10	.50	1.25	.28	1.00	.070	.107	.070	24	9.5	55
3/4" #16F	51	3 & 4	8, 4 & 10	.92	2.10	.72	1.78	.048	.111	.048	13	5.7	75
3/4" #14F	63	3 & 4	8, 4 & 10	.92	2.10	.72	1.75	.061	.105	.061	13	5.7	73
3/4" #13F	75	3 & 4	8, 4 & 10	.92	2.10	.72	1.72	.070	.106	.070	13	5.7	76
3/4" #9F (10 ga.)	171	3 & 4	8, 10 & 12	.92	2.10	.56	1.63	.120	.165	.120	13	5.7	58
1" #16F	41	4	8	1.00	2.50	.88	2.16	.050	.098	.050	12	4.7	79
1 1/2" #16F	41	4	8	1.33	3.20	1.00	2.59	.048	.119	.048	9	3.7	71
1 1/2" #14F	46	4	8	1.33	3.20	1.09	2.72	.060	.134	.060	9	3.7	76
1 1/2" #13F	57	4	8 & 10	1.33	3.20	1.09	2.72	.070	.116	.070	9	3.7	81
1 1/2" #9F (10 ga.)	114	3 & 4	8, 4 & 10	1.33	3.20	1.09	2.72	.110	.158	.110	9	3.7	80

MISCELLANEOUS

Expanded Aluminum Standard

Style Designation	Widths in Inches	Length in Inches	Est Lbs. Per Sq. Ft.	Approx. Size of Opening in Inches	
				SWO	LWO
1/2 — .051	36,48	96	.27	.375	x .937
1/2 — .081	48	96	.44	.375	x .937
3/4 — .051	48	96	.17	.812	x 1.75
3/4 — .081 Heavy	48	96	.41	.750	x 1.68
3/4 — .125	48	96	.65	.687	x 1.68
1 1/2 — .125	48	96	.43	1.187	x 2.50

Expanded Aluminum Flattened

Style Designation	Widths in Inches	Length in Inches	Est Lbs. Per Sq. Ft.	Approx. Size of Opening in Inches	
				SWO	LWO
1/2 — .051	36,48	96	.26	.312	x 1.00
1/2 — .081	48	96	.42	.312	x 1.00
3/4 — .051	48	96	.16	.750	x 1.81
3/4 — .081 Light	48	96	.30	.687	x 1.75
3/4 — .081 Heavy	48	96	.39	.687	x 1.75
3/4 — .125	48	96	.62	.625	x 1.75
1 1/2 — .081	48	96	.21	1.062	x 2.75

Standard Grating

Style	Lbs. Per 100 Sq. Ft.		Standard Sheet Size (Ft.)		Design Sizes (inches)		Opening Size (inches)		Approx. Strand Size (inches)		Overall Thickness (in.)		Number of Designs Per Ft.		(% Open Area)
	Width	Length	SWD	LWD	SWD	LWD	SWD	LWD	SWD	LWD	SWD	LWD	SWD	LWD	
3.0#	4 & 6	8, 6 x 12	1.33	5.33	.940	3.44	.183	.264	.540	9	2.25	60			
3.14#	4	8&10, 6x10	2.00	6.00	1.625	4.88	.250	.312	.656	6	2	69			
4.0#	4 & 6	8&10, 5x10	1.33	5.33	.940	3.44	.215	.300	.618	9	2.25	55			
4.27#	4 & 6	8 & 10	1.41	4.00	1.00	2.88	.250	.300	.625	8.5	3	58			
5.0#	4	8&10, 5x10	1.33	5.33	.813	3.38	.250	.331	.655	9	2.25	50			
6.25#	4 & 6	8, 4 x 12	1.41	5.33	.813	3.38	.312	.350	.715	8.5	2.25	50			
7.0#	4	8	1.41	5.33	.813	3.38	.312	.391	.740	8.5	2.25	45			

Catwalk Grating

STANDARD SHEET SIZE AND WEIGHT

Style Lbs. Per Sq. Ft.	10' x 2'	10' x 2'6"	10' x 3'
3	60 lbs.	75 lbs.	90 lbs.
3.14	63 lbs.	79 lbs.	94 lbs.
4	80 lbs.	100 lbs.	120 lbs.
4.27	85 lbs.	107 lbs.	128 lbs.
5	100 lbs.	125 lbs.	150 lbs.

Stairtread Grating

A one-piece fabricated stair-tread furnished with red oxide paint.
Advantages: Economy. Ease of installation. Strength. Maintenance Free.

STANDARD SIZE AND WEIGHT

Style	Size	Approximate Shipping Wt.
#4 Niles Unitread	8 1/2" x 24"	10.7 lbs.
#4 Niles Unitread	8 1/2" x 30"	12.9 lbs.
#4 Niles Unitread	9 1/4" x 30"	16.2 lbs.

Bar Grating

Weight in Lbs. Per Sq. Ft.

Bearing Bars	Cross Bars	Type 19-W-4	Type 19-W-2	Type 15- W-4	Type 15-W-2
3/4 x 1/8	1/4	3.99	4.63	4.95	5.59
3/4 x 3/16	1/4	5.67	6.31	7.11	7.75
1 x 1/8	1/4	5.15	5.79	6.44	7.08
1 x 3/16	1/4	7.35	7.99	9.27	9.91
1 1/4 x 1/8	1/4	6.20	6.84	7.79	8.43
1 1/4 x 3/16	1/4	9.03	9.67	11.43	12.07
1 1/2 x 1/8	1/8	7.35	7.99	9.27	9.91
1 1/2 x 3/16	5/16	10.94	11.80	13.82	14.68
1 3/4 x 5/16	5/16	12.62	13.48	15.98	16.84
2 x 3/16	5/16	14.30	15.16	18.14	19.00
2 1/4 x 3/16	5/16	15.87	16.74	20.16	21.03
2 1/2 x 3/16	5/16	17.55	18.42	22.32	23.19

Grip Strut

Width/Wgt per lineal ft.

Material	Channel	4 3/4"	7"	9 1/2"	11 3/4"	18 3/4"	24"
Steel	1 1/2"	2.1	3.0	3.6	4.2	6.1	
14 Gauge	2"	2.6	3.2	3.8	4.4	6.2	7.4
	2 1/2"	2.8	3.5	4.1	4.7	6.6	7.9
Steel	1 1/2"	3.2	4.1	5.0	5.9	8.5	
12 Gauge	2"	3.6	4.5	5.4	6.2	8.9	10.4
	2 1/2"	4.0	4.9	5.7	6.6	9.2	
	3"		5.2	6.1	7.0	9.6	11.1

Re Rod

Bar No.	Bar Size in Inches	Diameter in Inches	Weight per Ft. in Lbs.
2	1/4 rd.	0.250	0.167
3	3/8 rd.	0.375	0.376
4	1/2 rd.	0.500	0.668
5	5/8 rd.	0.625	1.043
6	3/4 rd.	0.750	1.502
7	7/8 rd.	0.875	2.044
8	1 rd.	1.000	2.670
9	1 1/8 rd.	1.128	3.400
10	1 1/4 rd.	1.270	4.303

MISCELLANEOUS

Threaded Rod

Size	Threads/Inch	Length	Wt./Ft.	Wt./12'
1/4"	20	12'	.167	2.00
5/16"	18	12'	.200	2.34
3/8"	16 or 24	12'	.376	4.51
1/2"	13 or 20	12'	.668	8.02
5/8"	11	12'	1.040	12.48
3/4"	10	12'	1.500	18.00
1"	8	12'	2.670	32.04

Bar Size Tees

"A" Flange in Inches		"B" Stem in Inches		"C" Stem Thickness in Inches	Weight in Pounds	
					Per Ft.	20 Ft. Bar
1	x	1	x	1/8	.85	17.00
				3/16	1.15	23.00
1 1/4	x	1 1/4	x	1/8	1.09	21.80
				3/16	1.55	31.00
				1/4	1.93	38.60
1 1/2	x	1 1/2	x	1/8	1.37	27.40
				3/16	1.90	38.00
				1/4	2.43	48.60
1 3/4	x	1 3/4	x	3/16	2.26	45.20
				1/4	2.90	58.00
2	x	1 1/2	x	1/4	3.12	62.40
2	x	2	x	1/4	3.62	72.40
				5/16	4.40	88.00
2 1/4	x	2 1/4	x	1/4	4.10	82.00
2 1/2	x	2 1/2	x	1/4	4.60	92.00
				5/16	5.50	110.00
				3/8	6.40	128.00

We COMBINE The Weight of ALL Stock Items To Give You The Best Price

Angles & R. F. Angles	C. R. Rounds, Squares
Channels	Strip, Flats
Beams	H. R. Round, Squares
Tees	Strip, Flats
Plate	Re-Rod
U.M. Plate	Threaded Rod
Floor Plate	Pipe Tubing
H.R. Sheets	Expanded Metal
Grip Strut	Grating

Hot Rolled Strip

Size in Inches	Per Foot	16 Ft. Bar	20 Ft. Bar
.065-inch (16 Ga.)			
1/2	.110	1.760	2.200
5/8	.138	2.208	2.760
3/4	.166	2.656	3.320
7/8	.193	3.088	3.860
1	.221	3.536	4.420
1 1/4	.276	4.416	5.520
1 1/2	.331	5.296	6.620
1 3/4	.386	6.176	7.720
2	.442	7.072	8.840
2 1/4	.497	7.952	9.940
2 1/2	.552	8.832	11.04
3	.662	10.59	13.24
.083-inch (14 Ga.)			
1/2	.142	2.272	2.840
5/8	.179	2.864	3.580
3/4	.211	3.376	4.220
7/8	.247	3.952	4.940
1	.282	4.512	5.640
1 1/4	.353	5.648	7.060
1 1/2	.424	6.784	8.480
1 3/4	.493	7.888	9.860
2	.564	9.024	11.28
2 1/2	.706	11.30	14.12
3	.846	13.54	16.92
3 1/2	.988	15.81	19.76
4	1.13	18.08	22.60
.109-inch (12 Ga.)			
1/2	.185	2.960	3.700
5/8	.232	3.712	4.640
3/4	.278	4.448	5.560
7/8	.324	5.184	6.480
1	.371	5.936	7.420
1 1/8	.416	6.656	8.320
1 1/4	.463	7.408	9.260
1 1/2	.556	8.896	11.12
1 3/4	.648	10.37	12.96
2	.742	11.87	14.84
2 1/4	.834	13.34	16.68
2 1/2	.926	14.82	18.52
3	1.11	17.76	22.20
3 1/2	1.30	20.80	26.00
4	1.48	23.68	29.60

MISCELLANEOUS

Equal Leg Roll Formed Angles

Size	16 Ga. .060	15 Ga. .067	14 Ga. .075	13 Ga. .090	12 Ga. .105	11 Ga. .120	10 Ga. .134
1 x 1	.392	.437	.482	.569	.653	.729	.81
1 1/8 x 1 1/8	.444	.496	.547	.645	.744	.834	.927
1 1/4 x 1 1/4	.496	.554	.612	.725	.835	.941	1.04
1 3/8 x 1 3/8	.548	.613	.677	.803	.926	1.05	1.16
1 1/2 x 1 1/2	.60	.672	.742	.881	1.02	1.15	1.28
1 5/8 x 1 5/8	.652	.73	.807	.959	1.11	1.25	1.40
1 3/4 x 1 3/4	.704	.789	.872	1.04	1.20	1.36	1.52
1 7/8 x 1 7/8	.756	.847	.938	1.12	1.29	1.46	1.63
2 x 2	.808	.906	1.00	1.19	1.38	1.57	1.74
2 1/8 x 2 1/8	.86	.965	1.07	1.28	1.48	1.67	1.87
2 1/4 x 2 1/4	.913	1.02	1.13	1.35	1.56	1.78	1.98
2 3/8 x 2 3/8	.965	1.08	1.20	1.43	1.66	1.88	2.10
2 1/2 x 2 1/2	1.02	1.14	1.26	1.51	1.75	1.98	2.21

Other sizes and gauges available upon request

U-Beam Channel Roll Form

Section	GA	Area in. ²	Inertia in. ⁴	Section Modulus in. ³	WT/Ft.
2 x 4 x 2	14	.589	1.512	.756	2.0
	13	.704	1.794	.897	2.3
	12	.818	2.069	1.034	2.7
	11	.932	2.339	1.169	3.1
	10	.988	2.602	1.301	3.4
3 x 4 x 3	14	.739	2.090	1.045	2.5
	13	.884	2.482	1.241	3.0
	12	1.047	2.866	1.433	3.4
	11	1.172	3.243	1.621	3.9
	10	1.314	3.610	1.805	4.3
2 x 5 x 2	14	.664	2.533	1.013	2.2
	13	.794	3.010	1.204	2.6
	12	.923	3.524	1.409	3.1
	11	1.052	3.938	1.575	3.5
	10	1.179	4.387	1.754	3.9

U-Beam Channel (con't.)

Section	GA	Area in. ²	Inertia in. ⁴	Section Modulus in. ³	WT/Ft.
3 x 5 x 3	14	.814	3.442	1.376	2.7
	13	.945	4.095	1.638	3.3
	12	1.133	4.736	1.894	3.8
	11	1.292	5.367	2.146	4.3
	10	1.473	5.985	2.394	4.8
2 x 6 x 2	14	.739	3.885	1.295	2.5
	13	.884	4.623	1.541	3.0
	12	1.028	5.348	1.782	3.4
	11	1.172	6.062	2.020	3.9
	10	1.314	6.762	2.254	4.3
3 x 6 x 3	14	.889	5.201	1.733	3.0
	13	1.064	6.195	2.065	3.6
	12	1.238	7.171	2.390	4.1
	11	1.412	8.138	2.712	4.7
	10	1.584	9.085	3.028	5.3
2 x 7 x 2	14	.814	5.606	1.617	2.7
	13	.974	6.677	1.907	3.3
	12	1.133	7.731	2.208	3.8
	11	1.292	8.770	2.505	4.3
	10	1.449	9.793	2.798	4.8
3 x 7 x 3	14	.964	7.405	2.115	3.2
	13	1.154	8.826	2.521	3.9
	12	1.343	10.227	2.922	4.2
	11	1.532	11.613	3.318	5.1
	10	1.719	12.975	3.707	5.7
2 x 8 x 2	14	.889	8.030	2.007	3.0
	13	1.064	9.219	2.304	3.6
	12	1.238	10.682	2.670	4.1
	11	1.412	12.129	3.032	4.7
	10	1.584	13.550	3.387	5.3
3 x 8 x 3	14	1.039	10.091	2.522	3.5
	13	1.244	12.035	3.008	4.2
	12	1.448	13.954	3.488	4.8
	11	1.652	15.855	3.963	5.5
	10	1.854	17.726	4.431	6.2

MISCELLANEOUS

U-Beam Channel (con't.)

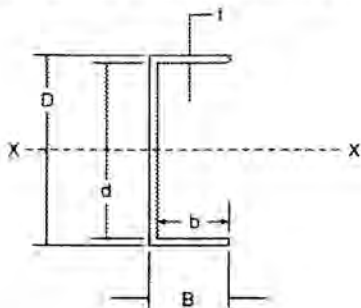
Section	GA	Area in. ²	Inertia in. ⁴	Section Modulus in. ³	WT./Ft.
2 x 9 x 2	14	.964	10.308	2.290	3.2
	13	1.154	12.293	2.731	3.9
	12	1.343	14.251	3.166	4.2
	11	1.532	16.191	3.598	5.1
	10	1.719	18.098	4.021	5.7
3 x 9 x 3	14	1.114	13.295	2.954	3.7
	13	1.334	15.865	3.252	4.5
	12	1.553	18.405	4.090	5.2
	11	1.772	20.922	4.649	5.9
	10	1.989	23.403	5.200	6.6
2 x 10 x 2	14	1.039	13.363	2.672	3.6
	13	1.244	15.943	3.188	4.2
	12	1.448	18.491	3.698	4.8
	11	1.652	21.018	4.203	5.5
	10	1.854	23.506	4.701	6.2
3 x 10 x 3	14	1.189	17.057	3.411	4.0
	13	1.424	20.362	4.072	4.8
	12	1.658	23.632	4.726	5.6
	11	1.892	26.875	5.375	6.3
	10	2.124	30.075	6.015	7.1
2 x 12 x 2	14	1.189	21.068	3.511	4.0
	13	1.424	25.154	4.192	4.8
	12	1.658	29.197	4.866	5.6
	11	1.892	33.209	5.534	6.3
	10	2.124	37.168	6.194	7.1
3 x 12 x 3	14	1.339	26.402	4.400	4.5
	13	1.604	31.538	5.256	5.4
	12	1.868	36.626	6.104	6.3
	11	2.132	41.678	6.946	7.1
	10	2.394	46.671	7.778	8.0

NOTE: All figures are slightly high due to rounded corners.

$$\text{AREA} = A = BD - bd$$

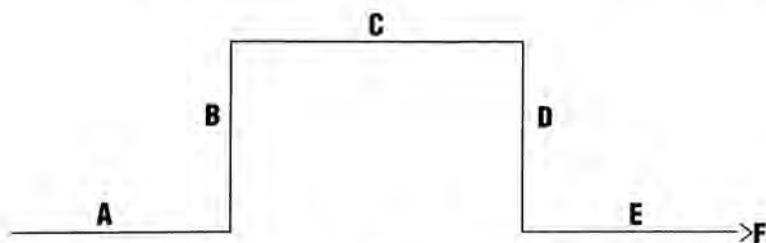
$$\text{INERTIA} = I_{xx} = \frac{BD^3 - bd^3}{12}$$

$$\text{SECTION MODULUS} = Z_{xx} = \frac{2 \cdot I}{D}$$



Hat Sections Roll Form

A	B	C	D	E	F	G
0.625	1.125	1.25	1.125	0.625	16GA.	.89#/Foot
0.625	1.125	1.25	1.125	0.625	18GA.	.71#/Foot
0.75	1.125	1.25	1.125	0.75	16GA.	.945#/Foot
0.75	1.125	1.25	1.125	0.75	18GA.	.76#/Foot
0.75	1.125	1.5	1.125	0.75	16GA.	1.00#/Foot
0.75	1.125	1.5	1.125	0.75	18GA.	.80#/Foot

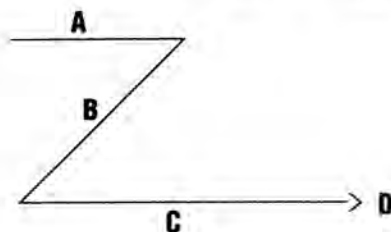


Available in custom lengths. Other shapes and sizes available from our on premises mills.

MISCELLANEOUS

Z Sections Roll Form

A	B	C	D	Wt/Ft
1.125	1.125	1.125	16ga	.67
1.25	1.125	1.25	16ga	.72



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Angles

6061-T6 Extruded107
 6063-T6 Extruded108

Structural Channels

6061-T6109
 6063-T5 Extruded109

Structural I-Beams

6061-T6109

Tees

6063-T4110

Tubing

3003-H14110
 3003-H14111
 5052-0111
 6061-T6112
 2024-Y3113

Square Tubing

6063-T4114

Rectangular Tubing

6063-T4 Extruded115

Pipe

3003-H18 3003-H112115
 6061-T6116
 6061-T6116
 6063-T6117

GENERAL DESCRIPTION

1000 SERIES: Aluminum of 99% or higher purity has many applications, especially in electrical and chemical fields. These compositions are characterized by excellent corrosion resistance, high thermal and electrical conductivity, low mechanical properties and excellent workability. Moderate increases in strength may be obtained by strain hardening.

2000 SERIES: Copper is the principal alloying element in this group. These alloys require solutions heat-treatment to obtain optimum properties. In the heat treated condition, mechanical properties are similar to and sometimes exceed those of mild steel. The alloys in the 2000 series do not have as good corrosion resistance as most other aluminum alloys. Therefore, these alloys in the form of sheet are usually clad with a high purity alloy which provides galvanic protection to the core material and thus greatly increases resistance to corrosion. Alloy 2024 is perhaps the most widely used aircraft alloy.

3000 SERIES: Manganese is the major alloying element of alloys in this group, which are generally non-heat-treatable. Because only a limited percent of manganese can be effectively added to aluminum, it is used as a major element in only a few instances. For instance, 3003 is widely used as a general purpose alloy for moderate strength applications requiring good workability.

4000 SERIES: The major alloying element of this group is silicon, which can be added in sufficient quantities to cause substantial lowering of the melting point without producing brittleness in the resulting alloys. For these reasons, aluminum-silicon alloys are used in welding wire and as brazing alloys. The alloys containing appreciable amounts of silicon become dark gray when anodic oxide finishes are applied and are in demand for architectural applications.

5000 SERIES: Magnesium is one of the most effective and widely used alloying elements for aluminum. When it is used as the major alloying element or with manganese, the result is a moderate to high strength non-heat-treatable alloy. Alloys in this series possess good welding characteristics and good resistance to corrosion in marine atmosphere. However, certain limitations should be placed on the amount of cold work and the safe operating temperatures permissible for the high magnesium content alloys (over about 3 1/2% for operating temperatures above about 150°) to avoid susceptibility to stress corrosion.

Aluminum General Description con't

6000 SERIES: Alloys in this group contain silicon and magnesium in approximate proportions to form magnesium silicide, thus making them heat-treatable. The major alloy in this series is 6061, one of the most versatile of the heat-treatable alloys. Though less strong than most of the 2000 or 7000 alloys, the magnesium-silicon alloys possess good formability and corrosion resistance with medium strength.

7000 SERIES: Zinc is the major alloying element in this group and when coupled with a smaller percentage of magnesium results in heat treatable alloys of very high strength. Outstanding member of this group is 7075, which is among the highest strength alloys available and is used in air-frame structures and for highly stressed parts.

How Aluminum Weights Are Computed In This Section

Keep in mind that all weights used throughout this section are based on 1100, 5457, 6061 and 6063 aluminum and aluminum alloys. Also keep in mind that other types of aluminum weight slightly less or slightly more.

The weights on the following pages are accurate for all practical purposes but they are theoretical weights which may possibly vary from the actual scale weights determined at time of sale.

Use the conversion factors in the following table for weights other than for 1100, 5457, 6061 and 6063.

Weight Conversion Factors for Aluminum Alloys

Alloy	Conversion Factor	Density in Lbs/Cu. In.	Alloy	Conversion Factor	Density in Lbs/Cu. In.
1100	0.98	.098	6061	.98	.098
3003	0.99	.099			
5005	.995	.098	7178	1.02	0.102
5050	0.97	.097	2014	1.01	0.101
5052	0.97	.097			
5457	0.97	.097	2024	1.01	0.101

Aluminum Flat Sheet 1100-0

Mill Finish - Soft
Paper interleaved for surface protection
Federal Specifications QQA-250/1

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga. - (.016")			18 Ga. - (.040")			12 Ga. - (.080")		
.226 Lb. Sq. Ft.			.564 Lb. Sq. Ft.			1.13 Lb. Sq. Ft.		
24x72	2.7		24x72	6.8		36x96	27.1	
			36x96	13.5		48x144	54.2	
24 Ga. - (.020")			48x144	27.1				
.282 Lb. Sq. Ft.			16 Ga. - (.050")			11 Ga. - (.090")		
36x96	6.8		.706 Lb. Sq. Ft.			1.27 Lb. Sq. Ft.		
			24x72	8.5		36x96	30.5	
22 Ga. - (.025")			36x96	16.9		48x144	61.0	
.353 Lb. Sq. Ft.			48x144	33.9				
24x72	4.2		14 Ga. - (.063")			10 Ga. - (.100")		
36x96	8.5		.889 Lb. Sq. Ft.			1.41 Lb. Sq. Ft.		
			24x72	10.7		36x96	33.8	
20 Ga. - (.032")			36x96	21.3		48x144	84.5	
.452 Lb. Sq. Ft.			48x144	42.7				
24x72	5.4					1/8" - (.125")		
36x96	10.8					1.76 Lb. Sq. Ft.		
48x144	21.7					36x96	42.2	
						48x144	84.5	

Aluminum Flat Sheet 1100-H14

Mill Finish - 1/2 Hard
Federal Specifications QQA-250/1

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga. - (.016")			18 Ga. - (.040")			12 Ga. - (.080")		
.226 Lb. Sq. Ft.			.452 Lb. Sq. Ft.			1.13 Lb. Sq. Ft.		
24x72	2.7		24x72	6.8		36x96	27.1	
			36x96	13.5		48x144	54.2	
24 Ga. - (.020")			120	16.9				
.282 Lb. Sq. Ft.			48x96	18.0		11 Ga. - (.090")		
36x96	6.8		120	22.6		1.27 Lb. Sq. Ft.		
120	8.5		144	27.1		36x96	30.5	
						48x144	61.0	
22 Ga. - (.025")			16 Ga. - (.050")					
.353 Lb. Sq. Ft.			.706 Lb. Sq. Ft.			10 Ga. - (.100")		
36x96	8.5		24x72	8.5		1.41 Lb. Sq. Ft.		
120	10.6		36x96	16.9		36x96	33.8	
144	12.7		120	21.2		48x144	67.7	
			48x96	22.6				
20 Ga. - (.032")			120	28.2		1/8" - (.125")		
.452 Lb. Sq. Ft.			144	33.9		1.76 Lb. Sq. Ft.		
24x72	5.4					36x96	42.2	
36x96	10.8		14 Ga. - (.063")			144	63.4	
120	13.6		.889 Lb. Sq. Ft.			48x144	84.5	
144	16.3		24x72	10.7				
48x96	14.5		36x96	21.3		3/16" - (.190")		
120	18.1		120	26.7		2.68 Lb. Sq. Ft.		
144	21.7		48x96	28.4		36x96	64.3	
			120	35.6		48x144	128.6	
			144	42.7				

Aluminum Flat Sheet 1100-H25

One Side Bright Mill Finish - 1/2 Hard
 Paper interleaved for surface protection
 Federal Specifications QQA-250/1
 ASME SB209 AMS 4001

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga. - (.016")			20 Ga. - (.032")			16 Ga. - (.050")		
.226 Lb. Sq. Ft.			.452 Lb. Sq. Ft.			.706 Lb. Sq. Ft.		
	24x72	2.7		24x72	5.4		24x72	8.5
	36x96	5.4		26x72	5.9		36x96	16.9
				28x72	6.3		48x144	33.9
				36x96	10.8			
24 Ga. - (.020")			18 Ga. - (.040")			14 Ga. - (.063")		
.282 Lb. Sq. Ft.			.564 Lb. Sq. Ft.			.889 Lb. Sq. Ft.		
	24x72	3.4		24x72	6.8		24x72	10.7
	28x72	3.9		36x96	13.5		36x96	21.3
	36x96	6.8					48x144	42.7
22 Ga. - (.025")								
.353 Lb. Sq. Ft.								
	24x72	4.2						
	26x72	4.6						
	28x72	4.9						
	36x96	8.5						

Aluminum Flat Sheet 3003-0

Mill Finish-Soft
 Paper interleaved for surface protection
 Federal Specification QQA-250/2
 ASME SB209 AMS 4006

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")			16 Ga. - (.050")			11 Ga. - (.090")		
.282 Lb. Sq. Ft.			.713 Lb. Sq. Ft.			1.28 Lb. Sq. Ft.		
	36x96	6.8		36x96	17.1		36x96	30.8
				48x144	34.2		48x144	61.6
22 Ga. - (.025")			14 Ga. - (.063")			1/8" Ga. - (.125")		
.356 Lb. Sq. Ft.			.898 Lb. Sq. Ft.			1.78 Lb. Sq. Ft.		
	36x96	8.6		36x96	21.6		36x96	42.8
				48x144	43.1		48x144	85.5
20 Ga. - (.032")			12 Ga. - (.080")					
.456 Lb. Sq. Ft.			1.14 Lb. Sq. Ft.					
	36x96	11.0		36x96	27.4			
				48x144	54.7			
18 Ga. - (.040")								
.570 Lb. Sq. Ft.								
	36x96	13.7						
	48x144	27.37						

Aluminum Flat Sheet 3003-H14

Mill Finish - 1/2 Hard
Federal Specifications QQA-250/2
ASME SB209 AMS 4006

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga. - (.016")			18 Ga. - (.040")			12 Ga. - (.080")		
.228 Lb. Sq. Ft.			.570 Lb. Sq. Ft.			1.141 Lb. Sq. Ft.		
24x72	2.7		36x96	13.7		36x96	27.4	
			120	17.1		48x96	45.6	
24 Ga. - (.020")			48x96	18.2		144	54.7	
.285 Lb. Sq. Ft.			120	22.8				
36x96	6.8		144	27.4		11 Ga. - (.090")		
120	8.6		60x144	34.2		1.283 Lb. Sq. Ft.		
						36x96	30.8	
22 Ga. - (.025")			16 Ga. - (.050")			120	51.3	
.356 Lb. Sq. Ft.			.713 Lb. Sq. Ft.			48x144	61.6	
36x96	8.6		30x120	17.7				
120	10.7		36x96	17.1		10 Ga. - (.100")		
144	12.8		120	21.3		1.426 Lb. Sq. Ft.		
48x144	17.1		144	25.7		36x96	34.2	
			48x96	22.8		48x144	68.4	
20 Ga. - (.032")			120	28.5				
.456 Lb. Sq. Ft.			144	34.2		1/8" Ga. - (.125")		
36x96	11.0		60x144	42.8		1.782 Lb. Sq. Ft.		
120	13.7					36x96	42.8	
144	16.4		14 Ga. - (.063")			120	53.5	
48x96	14.6		.898 Lb. Sq. Ft.			48x120	71.3	
120	18.3		36x96	21.6		144	85.5	
144	21.9		120	27.0		60x144	105.9	
			48x96	28.7				
			120	35.9		3/16" Ga. - (.190")		
			144	43.1		2.709 Lb. Sq. Ft.		
			60x144	53.9		36x96	65.0	
						48x144	130.0	

Aluminum Flat Sheet 3003-H25

One Side Bright Mill Finish - 1/2 Hard
Paper interleaved for surface protection
Federal Specification QQA - 250/2
ASME SB209 AMS 4006

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")			20 Ga. - (.032")			16 Ga. - (.050")		
.285 Lb. Sq. Ft.			.456 Lb. Sq. Ft.			.713 Lb. Sq. Ft.		
36x96	6.8		36x96	11.0		36x96	17.11	
						48x144	33.9	
22 Ga. - (.025")			18 Ga. - (.040")			14 Ga. - (.063")		
.356 Lb. Sq. Ft.			.570 Lb. Sq. Ft.			.889 Lb. Sq. Ft.		
36x96	8.6		36x96	13.7		36x96	21.3	
						48x144	42.7	

Aluminum Flat Sheet 5052-0

Mill Finish - Soft
Paper interleaved for surface protection
Federal Specifications QQA-250/8
ASTM B209 AMS 4015

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")	.282 Lb. Sq. Ft. 36x96	6.8	16 Ga. - (.050")	.706 Lb. Sq. Ft. 36x96 48x144	16.9 33.9	11 Ga. - (.090")	1.27 Lb. Sq. Ft. 36x96 48x144	30.5 61.0
22 Ga. - (.025")	.353 Lb. Sq. Ft. 36x96	8.5	14 Ga. - (.063")	.889 Lb. Sq. Ft. 36x96 48x144	21.3 42.7	1/8" - (.125")	1.76 Lb. Sq. Ft. 36x96 48x144	42.2 84.5
20 Ga. - (.032")	.452 Lb. Sq. Ft. 36x96 48x144	10.8 21.7	12 Ga. - (.080")	1.13 Lb. Sq. Ft. 36x96 48x144	27.1 54.2	3/16" - (.190")	2.68 Lb. Sq. Ft. 48x144	128.6
18 Ga. - (.040")	.564 Lb. Sq. Ft. 36x96 48x144	13.5 27.1						

Aluminum Flat Sheet 5052-H32

Mill Finish - 1/4 Hard
Federal Specifications QQA-250/8
ASTM B209 AMS 4015

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")	.282 Lb. Sq. Ft. 36x96 120 144	6.8 8.5 10.2	18 Ga. - (.040")	.559 Lb. Sq. Ft. 36x96 120 48x96 120 144	13.4 16.8 17.9 22.4 26.3	12 Ga. - (.080")	1.117 Lb. Sq. Ft. 36x96 48x96 144	28.1 35.7 53.6
22 Ga. - (.025")	.349 Lb. Sq. Ft. 36x96 120 144	8.4 10.5 12.6	16 Ga. - (.050")	.698 Lb. Sq. Ft. 36x96 120 48x96 144	15.8 20.9 22.3 27.9 33.5	11 Ga. - (.090")	1.257 Lb. Sq. Ft. 36x96 48x96 144	33.02 40.2 60.3
20 Ga. - (.032")	.447 Lb. Sq. Ft. 36x96 120 144 48x96 120 144	10.7 13.4 16.1 14.3 17.9 21.5	14 Ga. - (.063")	.880 Lb. Sq. Ft. 36x96 48x96 120 144	21.1 28.2 35.2 42.2	10 Ga. - (.100")	1.397 Lb. Sq. Ft. 48x144	67.1
						1/8" - (.125")	1.746 Lb. Sq. Ft. 36x96 48x96	41.9 83.8
						3/16" - (.190")	2.659 Lb. Sq. Ft. 36x96 48x96	63.7 127.4

Aluminum Flat Sheet 5052-H34

Mill Finish - 1/2 Hard
Federal Specifications QQA-250/8
ASTM B209 AMS 4015

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")			18 Ga. - (.040")			12 Ga. - (.080")		
		.282 Lb. Sq. Ft.			.564 Lb. Sq. Ft.			1.13 Lb. Sq. Ft.
	36x96	6.8		36x96	13.5		36x96	27.1
	120	8.5		120	16.9		48x144	54.2
	144	10.2		48x96	18.0			
				120	22.6			
				144	27.1			
22 Ga. - (.025")			16 Ga. - (.050")			11 Ga. - (.090")		
		.353 Lb. Sq. Ft.			.706 Lb. Sq. Ft.			1.27 Lb. Sq. Ft.
	36x96	8.5		36x96	16.9		36x96	30.5
	120	10.6		48x96	22.6		48x144	61.0
	144	12.7						
20 Ga. - (.032")			14 Ga. - (.063")			10 Ga. - (.100")		
		.452 Lb. Sq. Ft.			.889 Lb. Sq. Ft.			1.41 Lb. Sq. Ft.
	36x96	10.8		36x96	21.3		48x144	67.7
	120	13.6		48x96	28.4			
	144	16.3						
	48x96	14.5		120	35.6			
	120	18.1		144	42.7			
	144	21.7						
						1/8" - (.125")		
								1.76 Lb. Sq. Ft.
							36x96	42.2
							48x144	84.5
						3/16" - (.190")		
								2.68 Lb. Sq. Ft.
							36x96	64.3
							48x144	128.6

Aluminum Flat Sheet 5005-H34

Mill Finish - 1/2 Hard
Federal Specifications QQA-250/8
ASTM B209 AMS 4015

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
20 Ga. - (.032")			14 Ga. - (.063")			10 Ga. - (.100")		
		.452 Lb. Sq. Ft.			.889 Lb. Sq. Ft.			1.14 Lb. Sq. Ft.
	36x120	13.6		36x96	21.3		48x144	67.7
	48x120	18.1		48x120	35.6			
				144	42.7			
18 Ga. - (.040")			12 Ga. - (.080")			1/8" - (.125")		
		.564 Lb. Sq. Ft.			1.13 Lb. Sq. Ft.			1.76 Lb. Sq. Ft.
	36x120	16.9		48x144	54.2		48x120	70.4
	48x120	22.6					144	84.5
16 Ga. - (.050")			11 Ga. - (.090")					
		.706 Lb. Sq. Ft.			1.72 Lb. Sq. Ft.			
	36x96	16.9		48x144	61.0			
	48x120	28.2						
	144	33.9						

Aluminum Flat Sheet 3105-H25

Mill Finish
ASTM B209

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")			20 Ga. - (.032")			16 Ga. - (.050")		
.282 Lb. Sq. Ft.			.452 Lb. Sq. Ft.			.706 Lb. Sq. Ft.		
	36x96	6.8		36x96	10.8		36x96	16.9
	120	8.5		120	13.6		120	21.2
				48x120	18.1		48x120	28.2
22 Ga. - (.025")			18 Ga. - (.040")					
.353 Lb. Sq. Ft.			.564 Lb. Sq. Ft.					
	36x96	8.5		36x96	13.5			
	120	10.6		120	16.9			
	48x120	14.1		48x120	22.6			

Aluminum Flat Sheet 6061-0

Mill Finish
Paper interleaved for surface protection
Stenciled with alloy, gauge and temper
Federal Specifications QQA-250/11
ASTM B209 AMS 4025

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
22 Ga. - (.025")			16 Ga. - (.050")			11 Ga. - (.090")		
.353 Lb. Sq. Ft.			.706 Lb. Sq. Ft.			1.27 Lb. Sq. Ft.		
	36x144	12.7		48x144	33.9		48x144	61.0
20 Ga. - (.032")			14 Ga. - (.063")			1/8" - (.125")		
.452 Lb. Sq. Ft.			.889 Lb. Sq. Ft.			1.76 Lb. Sq. Ft.		
	48x144	21.7		48x144	42.7		48x144	84.5
18 Ga. - (.040")			12 Ga. - (.080")					
.564 Lb. Sq. Ft.			1.13 Lb. Sq. Ft.					
	48x144	27.1		48x144	54.2			

Aluminum Flat Sheet 6061-T4

Mill Finish
Stenciled with alloy, gauge and temper
Federal Specifications QQA-250/11
ASTM B209 AMS 4025

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
22 Ga. - (.025")			16 Ga. - (.050")			11 Ga. - (.090")		
.353 Lb. Sq. Ft.			.706 Lb. Sq. Ft.			1.27 Lb. Sq. Ft.		
	36x144	12.7		48x144	33.9		48x144	61.0
20 Ga. - (.032")			14 Ga. - (.063")			1/8" - (.125")		
.452 Lb. Sq. Ft.			.889 Lb. Sq. Ft.			1.76 Lb. Sq. Ft.		
	48x144	21.7		48x144	42.7		48x144	84.5
18 Ga. - (.040")								
.564 Lb. Sq. Ft.								
	48x144	27.1						

Aluminum Flat Sheet 6061-T6

ALUMINUM FLAT SHEET

Mill Finish
 Stenciled with alloy, gauge and temper
 Federal Specifications QQA-250/11
 ASTM B209 AMS 4025

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")			16 Ga. - (.050")			10 Ga. - (.100")		
.292 Lb. Sq. Ft.			.706 Lb. Sq. Ft.			1.41 Lb. Sq. Ft.		
36x96	6.8		36x96	16.9		48x144	67.7	
			48x96	22.6				
			120	28.2				
22 Ga. - (.025")			144	33.9		1/8" - (.125")		
.353 Lb. Sq. Ft.						1.76 Lb. Sq. Ft.		
36x96	8.5		14 Ga. - (.063")			36x96	42.2	
48x144	16.9		.889 Lb. Sq. Ft.			48x144	84.5	
			36x96	21.3		60x144	105.6	
			48x96	28.4				
20 Ga. - (.032")			120	35.6		3/16" - (.190")		
.452 Lb. Sq. Ft.			144	42.7		2.68 Lb. Sq. Ft.		
36x96	10.8					36x96	64.3	
48x96	14.5		12 Ga. - (.080")			48x144	128.6	
120	18.1		1.13 Lb. Sq. Ft.			60x144	160.8	
144	21.7		48x144	54.2				
18 Ga. - (.040")			11 Ga. - (.090")					
.564 Lb. Sq. Ft.			1.27 Lb. Sq. Ft.					
36x96	13.5		48x96	40.6				
48x96	18.0		144	61.0				
120	22.6							
144	27.1							

Aluminum Flat Sheet 2024-O BARE

Mill Finish
 Paper interleaved for surface protection
 Stenciled with alloy, gauge and temper
 Federal Specifications QQA-250/4
 ASTM B209 AMS 4033

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")			16 Ga. - (.050")			10 Ga. - (.100")		
.290 Lb. Sq. Ft.			.730 Lb. Sq. Ft.			1.45 Lb. Sq. Ft.		
36x144	10.4		48x144	35.0		48x144	69.6	
22 Ga. - (.025")			14 Ga. - (.063")			1/8" - (.125")		
.360 Lb. Sq. Ft.			.920 Lb. Sq. Ft.			1.82 Lb. Sq. Ft.		
48x144	17.3		48x144	44.7		48x144	87.4	
20 Ga. - (.032")			12 Ga. - (.080")			3/16" - (.190")		
.470 Lb. Sq. Ft.			1.16 Lb. Sq. Ft.			2.77 Lb. Sq. Ft.		
48x144	22.6		48x144	55.7		48x144	133.0	
18 Ga. - (.040")			11 Ga. - (.090")					
.580 Lb. Sq. Ft.			1.31 Lb. Sq. Ft.					
48x144	27.8		48x144	62.9				

Aluminum Flat Sheet 2024-0 Alclad

Paper interleaved for surface protection
 Stenciled with alloy, gauge and temper
 Federal Specifications QQA-250/5
 ASTM B209 AMS 4034

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga. - (.016")	.226 Lb. Sq. Ft. 36x144	8.1	16 Ga. - (.050")	.730 Lb. Sq. Ft. 48x144	35.0	10 Ga. - (.100")	1.45 Lb. Sq. Ft. 48x144	69.6
24 Ga. - (.020")	.290 Lb. Sq. Ft. 36x144	10.4	14 Ga. - (.063")	.920 Lb. Sq. Ft. 48x144	44.2	1/8" - (.125")	1.82 Lb. Sq. Ft. 48x144	87.4
22 Ga. - (.025")	.360 Lb. Sq. Ft. 48x144	17.3	12 Ga. - (.080")	1.16 Lb. Sq. Ft. 48x144	55.7	5/32" - (.160")	2.32 Lb. Sq. Ft. 48x144	111.4
20 Ga. - (.032")	.470 Lb. Sq. Ft. 48x144	22.6	11 Ga. - (.090")	1.31 Lb. Sq. Ft. 48x144	62.9	3/16" - (.190")	2.77 Lb. Sq. Ft. 48x144	133.0
18 Ga. - (.040")	.580 Lb. Sq. Ft. 48x144	27.8						

Aluminum Flat Sheet 2024-T-3 Bare

Mill Finish
 Paper interleaved for surface protection
 Stenciled with alloy, gauge and temper
 Federal Specifications QQA-250/4
 ASTM B209 AMS 4033

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga. - (.016")	.226 Lb. Sq. Ft. 36x144	8.1	18Ga. - (.040")	.580 Lb. Sq. Ft. 36x96	13.9	12 Ga. - (.080")	1.16 Lb. Sq. Ft. 48x144	55.7
24 Ga. - (.020")	.290 Lb. Sq. Ft. 36x96	6.9		120	17.4	11 Ga. - (.090")	1.31 Lb. Sq. Ft. 48x96	41.9
	120	8.7		144	27.8		144	62.9
	144	10.4	16 Ga. - (.050")	.730 Lb. Sq. Ft. 36x96	17.5	10 Ga. - (.100")	1.45 Lb. Sq. Ft. 48x144	69.6
22 Ga. - (.025")	.360 Lb. Sq. Ft. 36x96	8.6		48x96	23.4			
	48x96	11.5		120	29.2	1/8" - (.125")	1.82 Lb. Sq. Ft. 36x96	43.7
	120	14.4		144	35.0		48x144	87.4
	144	17.3	14 Ga. - (.063")	.920 Lb. Sq. Ft. 36x96	22.1	5/32" - (.160")	2.32 Lb. Sq. Ft. 48x144	111.4
20 Ga. - (.032")	.470 Lb. Sq. Ft. 36x96	11.3		48x96	29.4			
	48x96	15.0		120	36.8	3/16" - (.190")	2.77 Lb. Sq. Ft. 48x144	133.0
	120	18.8		144	44.2			
	144	22.6	13 Ga. - (.071")	1.03 Lb. Sq. Ft. 48x144	49.4			

Aluminum Plate 2024-T351 Bare

Mill Finish
Federal Specifications QQA-250/4
AMS 4033

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
1/4" - (.250")			5/8" - (.625")			1 1/2" - (1.500")		
3.64 Lb. Sq. Ft.			9.00 Lb. Sq. Ft.			21.60 Lb. Sq. Ft.		
24x72		43.7	24x72		108.0	24x72		259.2
36x96		87.4	36x96		216.0	36x96		518.4
48x144		174.7						
			3/4" - (.750")			1 3/4" - (1.750")		
			10.80 Lb. Sq. Ft.			25.20 Lb. Sq. Ft.		
5/16" - (.313")			24x72		129.6	24x72		302.4
4.51 Lb. Sq. Ft.			36x96		259.2	36x96		604.8
24x72		54.1	48x144		518.4			
36x96		108.2						
			7/8" - (.875")			2" - (2.000")		
3/8" - (.375")			12.60 Lb. Sq. Ft.			29.02 Lb. Sq. Ft.		
5.40 Lb. Sq. Ft.			24x72		151.2	24x72		348.2
24x72		64.8	36x96		302.4	36x96		696.5
36x96		129.6						
48x144		259.2						
			1" - (1.000")			2 1/2" - (2.500")		
1/2" - (.500")			14.40 Lb. Sq. Ft.			36.0 Lb. Sq. Ft.		
2.20 Lb. Sq. Ft.			24x72		172.8	36x96		864.0
24x72		86.4	36x96		345.6			
36x96		172.8	48x144		691.2			
48x144		345.6						
			1 1/4" - (1.250")			3" - (3.000")		
			18.00 Lb. Sq. Ft.			43.20 Lb. Sq. Ft.		
			24x72		216.0	36x96		1036.8
			36x96		432.0			

ALUMINUM PLATE

Aluminum Plate 3003-F Bare

Mill Finish
Federal Specifications QQA-250/2
AMS 4006

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
1/4" - (.250")			3/8" - (.375")			3/4" - (.750")		
3.56 Lb. Sq. Ft.			5.35 Lb. Sq. Ft.			10.69 Lb. Sq. Ft.		
36x96		85.4	36x96		128.4	36x96		256.6
48x144		170.9	48x144		256.8			
60x144		213.6						
			1/2" - (.500")			1" - (1.000")		
			7.13 Lb. Sq. Ft.			14.26 Lb. Sq. Ft.		
			36x96		171.1	36x96		342.24

Aluminum Plate 5052-F

Mill Finish
Federal Specifications QQA-250/8
AMS 4015

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
1/4" - (.250")			1/2" - (.500")			3/4" - (.750")		
3.49 Lb. Sq. Ft.			6.98 Lb. Sq. Ft.			10.48 Lb. Sq. Ft.		
48x144		167.50	36x96		167.52	36x96		251.50
3/8" - (.375")								
5.24 Lb. Sq. Ft.								
48x144		251.50						

Aluminum Plate 6061-T651

Mill Finish
Federal Specifications QQA-250/11
AMS 4025

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
1/4" - (.250")			5/8" - (.625")			1 1/2" - (1.500")		
3.53 Lb. Sq. Ft.			8.82 Lb. Sq. Ft.			21.17 Lb. Sq. Ft.		
36x96	84.72		36x96	211.7		36x96	508.1	
48x144	169.4		48x144	423.4				
60x144	211.8							
5/16" - (.313")			3/4" - (.750")			2" - (2.000")		
4.42 Lb. Sq. Ft.			10.58 Lb. Sq. Ft.			28.22 Lb. Sq. Ft.		
36x96	106.1		36x96	253.9		36x96	677.3	
120	132.6		48x144	507.8				
48x144	212.2							
3/8" - (.375")			7/8" - (.875")			2 1/2" - (2.500")		
5.29 Lb. Sq. Ft.			12.35 Lb. Sq. Ft.			35.28 Lb. Sq. Ft.		
36x96	127.0		36x96	296.4		36x96	846.7	
48x144	253.9							
1/2" - (.500")			1" - (1.000")					
7.06 Lb. Sq. Ft.			14.11 Lb. Sq. Ft.					
36x96	169.4		36x96	338.6				
48x120	282.4		48x144	677.3				
144	338.9							
			1 1/4" - (1.250")					
			17.64 Lb. Sq. Ft.					
			36x96	423.4				

Aluminum Plate 7075-T651 Bare

Mill Finish
Federal Specifications QQA-250/12
ASTM B209

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
1/4" - (.250")			3/4" - (.750")			1 1/2" - (1.500")		
3.69 Lb. Sq. Ft.			10.91 Lb. Sq. Ft.			21.82 Lb. Sq. Ft.		
48x144	174.7		36x96	261.8		24x72	261.8	
			48x144	523.7		36x96	523.7	
						48x144	1047.4	
5/16" - (.313")			7/8" - (.875")			1 3/4" - (1.750")		
4.53 Lb. Sq. Ft.			12.73 Lb. Sq. Ft.			25.4 Lb. Sq. Ft.		
36x96	108.7		36x96	305.5		36x96	610.8	
3/8" - (.375")			1" - (1.000")					
5.45 Lb. Sq. Ft.			14.54 Lb. Sq. Ft.					
36x96	130.8		36x96	349.0				
48x144	261.6		48x144	697.9				
1/2" - (.500")			1 1/4" - (1.250")			2" - (2.000")		
7.27 Lb. Sq. Ft.			18.18 Lb. Sq. Ft.			29.09 Lb. Sq. Ft.		
36x96	174.5		24x72	218.2		24x72	349.1	
48x144	349.0		36x96	436.3		36x96	698.2	
			48x144	872.6				
5/8" - (.625")						2 1/2" - (2.500")		
9.09 Lb. Sq. Ft.						36.36 Lb. Sq. Ft.		
36x96	218.2					36x96	872.4	
						3" - (3.000")		
						43.63 Lb. Sq. Ft.		
						36x96	1047.2	

Aluminum Flat Sheet 2024-T3 Alclad

Mill Finish

Paper interleaved for surface protection

Federal Specifications QQA-250/5

ASME 4034

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga. - (.016")			18 Ga. - (.040")			12 Ga. - (.080")		
.226 Lb. Sq. Ft.			.580 Lb. Sq. Ft.			1.16 Lb. Sq. Ft.		
36x144	8.1		36x96	13.9		48x144	58.7	
			120	17.4				
24 Ga. - (.020")			48x96	18.6		11 Ga. - (.090")		
.290 Lb. Sq. Ft.			120	23.2		1.31 Lb. Sq. Ft.		
36x96	6.9		144	27.8		48x96	41.9	
120	8.7					144	62.9	
144	10.4		16 Ga. - (.050")			10 Ga. - (.100")		
22 Ga. - (.025")			.730 Lb. Sq. Ft.			1.45 Lb. Sq. Ft.		
.360 Lb. Sq. Ft.			36x96	17.5		48x144	69.6	
36x96	8.6		48x96	23.4				
48x96	11.5		120	29.2		1/8" - (.125")		
120	14.4		144	35.0		1.82 Lb. Sq. Ft.		
144	17.3		14 Ga. - (.063")			36x96	43.7	
20 Ga. - (.032")			.920 Lb. Sq. Ft.			48x144	87.4	
.470 Lb. Sq. Ft.			36x96	22.1		5/32" - (.160")		
36x96	11.3		48x96	29.4		2.32 Lb. Sq. Ft.		
48x96	15.0		120	36.8		48x144	111.4	
120	18.8		144	44.2				
144	22.6		13 Ga. - (.071")			3/16" - (.190")		
			1.03 Lb. Sq. Ft.			2.77 Lb. Sq. Ft.		
			48x144	49.4		48x144	133.0	

Aluminum Flat Sheet 7075-O Bare

Mill Finish

Paper interleaved for surface protection

Federal Specifications QQA-250/12

ASME 4048

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
22 Ga. - (.025")			14 Ga. - (.063")			10 Ga. - (.100")		
.353 Lb. Sq. Ft.			.889 Lb. Sq. Ft.			1.41 Lb. Sq. Ft.		
36x144	12.7		48x144	42.7		48x144	67.7	
20 Ga. - (.030")			13 Ga. - (.071")			1/8" - (.125")		
.452 Lb. Sq. Ft.			1.00 Lb. Sq. Ft.			1.76 Lb. Sq. Ft.		
48x144	21.7		48x144	48.0		48x144	84.5	
18 Ga. - (.040")			12 Ga. - (.080")			5/32" - (.160")		
.564 Lb. Sq. Ft.			1.13 Lb. Sq. Ft.			2.26 Lb. Sq. Ft.		
48x144	27.1		48x144	54.2		48x144	108.5	
16 Ga. - (.050")			11 Ga. - (.090")			3/16" - (.190")		
.706 Lb. Sq. Ft.			1.27 Lb. Sq. Ft.			2.68 Lb. Sq. Ft.		
48x144	33.9		48x144	61.0		48x144	128.6	

Aluminum Flat Sheet 7075-T6 Alclad

Mill Finish
 Paper interleaved for surface protection
 Stenciled with alloy, gauge and temper
 Federal Specifications QQA-250/13
 AMS 4132

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")	36x144	10.4	14 Ga. - (.063")	48x144	44.2	1/8" - (.125")	48x144	87.4
.290 Lb. Sq. Ft.			.920 Lb. Sq. Ft.			1.82 Lb. Sq. Ft.		
22 Ga. - (.025")	36x144	13.0	13 Ga. - (.071")	48x144	49.4	5/32" - (.160")	48x144	111.4
.360 Lb. Sq. Ft.			1.03 Lb. Sq. Ft.			2.32 Lb. Sq. Ft.		
20 Ga. - (.032")	48x144	22.6	12 Ga. - (.080")	48x144	55.7	3/16" - (.190")	48x144	133.0
.470 Lb. Sq. Ft.			1.16 Lb. Sq. Ft.			2.77 Lb. Sq. Ft.		
18 Ga. - (.040")	48x144	27.8	11 Ga. - (.090")	48x144	62.9			
.580 Lb. Sq. Ft.			1.31 Lb. Sq. Ft.					
16 Ga. - (.050")	48x144	35.0	10 Ga. - (.100")	48x144	69.6			
.730 Lb. Sq. Ft.			1.45 Lb. Sq. Ft.					

Aluminum Flat Sheet 7075-T6 bare

Mill Finish
 Paper interleaved for surface protection
 Stenciled with alloy, gauge and temper
 Federal Specifications QQA-250/12
 AMS 4128

Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet	Thickness	Width and Length	Estimated Wt. Lbs. Per Sheet
24 Ga. - (.020")	36x144	10.2	14 Ga. - (.063")	48x144	42.7	1/8" - (.125")	48x144	84.5
.282 Lb. Sq. Ft.			.889 Lb. Sq. Ft.			1.76 Lb. Sq. Ft.		
22 Ga. - (.025")	36x144	12.7	13 Ga. - (.071")	48x144	48.0	5/32" - (.160")	48x144	108.5
.353 Lb. Sq. Ft.			1.00 Lb. Sq. Ft.			2.26 Lb. Sq. Ft.		
20 Ga. - (.032")	48x144	21.7	12 Ga. - (.080")	48x144	54.2	3/16" - (.190")	48x144	128.6
.452 Lb. Sq. Ft.			1.13 Lb. Sq. Ft.			2.68 Lb. Sq. Ft.		
18 Ga. - (.040")	48x144	27.1	11 Ga. - (.090")	48x144	61.0			
.564 Lb. Sq. Ft.			1.27 Lb. Sq. Ft.					
16 Ga. - (.050")	48x144	33.9	10 Ga. - (.100")	48x144	67.7			
.706 Lb. Sq. Ft.			1.41 Lb. Sq. Ft.					

Wrought Aluminum Tool & Jig Plate

This is a readily machinable plate which is sound, non-porous, and stress-relieved. Both sides are machined. Thickness tolerances are plus or minus .010 inches from parallel. Flatness tolerances on an 8 foot straight edge—flat and parallel and within .010 inches on all plates 1 inch thick or thicker. This product is valuable for applications such as pattern plates, jigs, tools, stretch-dies, and the like.

Stock Size 48"x96"

Thickness in Inches	Est. Weight Lbs.		Thickness in Inches	Est. Weight Lbs.	
	Per Square Foot	Per Plate		Per Square Foot	Per Plate
1/4 (.250)	3.31	106.0	1 1/2 (1.500)	22.12	707.3
3/8 (.375)	5.53	177.0	1 3/4 (1.750)	25.84	826.9
1/2 (.500)	7.37	235.8	2 (2.000)	29.50	944.0
5/8 (.625)	9.00	288.0	2 1/2 (2.500)	36.93	1182
3/4 (.750)	11.06	353.9	3 (3.000)	44.37	1420
1 (1.000)	14.75	472.0	3 1/2 (3.500)	51.68	1654
1 1/4 (1.250)	18.47	591.0	4 (4.000)	59.00	1888

ALUMINUM ROUNDS

Aluminum Tread Plate 6061-T6

Diamond Pattern - Mill Finish

ASTM B632

Thickness	Width and Length	Estimated Wt. Lbs. Per Plate	Thickness	Width and Length	Estimated Wt. Lbs. Per Plate	Thickness	Width and Length	Estimated Wt. Lbs. Per Plate
1/8" - (.125")			3/16" - (.1875")			1/4" - (.250")		
1.90 Lb. Sq. Ft.			2.80 Lb. Sq. Ft.			3.70 Lb. Sq. Ft.		
	48x192	121.6		48x192	179.2		48x192	236.8
	60x192	152.0		60x192	224.0		60x192	296.0

Aluminum Rounds 1100-F

Federal Specification QQA - 225/1

Stock Length, 12'

ASTM B211 AMS 4102

Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
3/8	.130	1.56	1	.923	11.08	2	3.69	44.28
7/16	.177	2.12	1 1/4	1.44	17.28	2 1/4	4.67	56.04
1/2	.231	2.77	1 3/8	1.74	20.88	2 1/2	5.77	69.24
9/16	.292	3.50	1 1/2	2.08	24.96	3	8.30	99.60
5/8	.360	4.32	1 3/4	2.83	33.96	3 1/2	11.30	135.6
3/4	.519	6.23	1 7/8	3.24	38.88	4	14.76	177.1
7/8	.706	8.47						

Aluminum Rounds 2011 - T3

Screw Machine Stock
Federal Specification QQA - 225/3
Stock Length, 12'
ASTM B211

Est. Weight Lbs.			Est. Weight Lbs.			Est. Weight Lbs.		
Size In Inches	Per Foot	12 Ft. Bar	Size In Inches	Per Foot	12 Ft. Bar	Size In Inches	Per Foot	12 Ft. Bar
1/8	.015	.180	3/4	.536	6.43	1 5/8	2.51	30.11
5/32	.023	.276	13/16	.627	7.52	1 11/16	2.71	32.50
3/16	.033	.396	7/8	.728	8.74	1 3/4	2.91	34.90
7/32	.046	.552	15/16	.836	10.03	1 13/16	3.12	37.50
1/4	.059	.708	1	.951	11.41	1 7/8	3.34	40.10
9/32	.075	.900	1 1/16	1.07	12.88	1 15/16	3.57	42.80
5/16	.093	1.116	1 1/8	1.20	14.44	2	3.80	45.60
3/8	.139	1.61	1 3/16	1.34	16.08	2 1/8	4.29	51.50
13/32	.157	1.82	1 1/4	1.49	17.82	2 1/4	4.81	57.70
7/16	.182	2.18	1 5/16	1.64	19.64	2 3/8	5.36	64.30
1/2	.238	2.86	1 3/8	1.80	21.56	2 1/2	5.94	71.32
9/16	.302	3.62	1 7/16	1.96	23.57	2 3/4	7.19	86.21
5/8	.372	4.46	1 1/2	2.14	25.66	3	8.55	102.64
11/16	.449	5.89	1 9/16	2.32	27.84			

Aluminum Rounds 2017 - T4 2017 - T451

Screw Machine Stock
Federal Specification QQA - 225/5
Stock Length, 12'
ASTM B211 AMS 4110

Est. Weight Lbs.			Est. Weight Lbs.			Est. Weight Lbs.		
Size In Inches	Per Foot	12 Ft. Bar	Size In Inches	Per Foot	12 Ft. Bar	Size In Inches	Per Foot	12 Ft. Bar
1/8	.015	.180	1 1/16	1.04	12.48	2 7/16	5.48	65.76
5/32	.023	.276	1 1/8	1.17	14.04	2 1/2	5.77	69.24
3/16	.032	.384	1 3/16	1.30	15.60	2 9/16	6.06	72.72
7/32	.044	.528	1 1/4	1.44	17.28	2 5/8	6.36	76.32
1/4	.058	.696	1 5/16	1.59	19.08	2 3/4	6.98	83.76
9/32	.073	.876	1 3/8	1.74	20.88	2 7/8	7.63	91.56
5/16	.090	1.08	1 7/16	1.91	22.92	3	8.55	102.6
3/8	.130	1.56	1 1/2	2.08	24.96	3 1/8	9.28	111.14
13/32	.152	1.82	1 9/16	2.25	27.00	3 1/4	10.04	120.5
7/16	.177	2.12	1 5/8	2.44	29.28	3 3/8	10.83	129.9
15/32	.203	2.44	1 11/16	2.63	31.56	3 1/2	11.64	139.7
1/2	.231	2.77	1 3/4	2.83	33.96	3 3/4	13.37	160.4
17/32	.260	3.12	1 13/16	3.03	36.36	4	15.21	182.5
9/16	.292	3.50	1 7/8	3.24	38.88	4 1/4	17.17	206.0
19/32	.325	3.90	1 15/16	3.46	41.52	4 1/2	19.25	231.1
5/8	.360	4.32	2	3.69	44.28	4 3/4	21.44	257.3
11/16	.436	5.23	2 1/16	3.92	47.04	5	23.76	285.1
3/4	.519	6.23	2 1/8	4.17	50.04	5 1/2	28.89	346.1
13/16	.609	7.31	2 3/16	4.42	53.04	6	34.21	410.6
7/8	.706	8.47	2 1/4	4.67	56.04	7	46.57	542.5
15/16	.811	9.73	2 5/16	4.93	59.16	8	60.82	729.9
1	.923	11.08	2 3/8	5.20	62.40			

Aluminum Rounds 6061 - T6 6061 - T651

Under 1/2" DIA

1/2" To 7" DIA

Screw Machine Stock
Federal Specification QQA - 225/8
Stock Length, 12'
AMS 4129 AMS 4117

Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1/8	.015	.180	1 1/8	1.17	14.04	2 3/4	6.98	83.76
3/16	.032	.384	1 1/4	1.44	17.28	2 7/8	7.63	91.56
1/4	.058	.696	1 5/16	1.59	19.08	3	8.30	99.60
5/16	.090	1.08	1 3/8	1.74	20.88	3 1/4	9.75	117.0
3/8	.130	1.56	1 1/2	2.08	24.96	3 1/2	11.30	135.6
7/16	.177	2.12	1 5/8	2.44	29.28	3 3/4	12.97	155.6
15/32	.203	2.44	1 3/4	2.83	33.96	4	14.76	177.1
1/2	.231	2.77	1 7/8	3.24	38.88	4 1/4	16.66	199.9
9/16	.292	3.50	2	3.69	44.28	4 1/2	18.68	224.2
5/8	.360	4.32	2 1/8	4.17	50.04	5	23.06	276.7
11/16	.436	5.23	2 1/4	4.67	56.04	5 1/2	27.99	335.9
3/4	.519	6.23	2 3/8	5.20	62.40	6	33.21	398.5
7/8	.706	8.47	2 1/2	5.77	69.24	6 1/2	38.98	467.8
15/16	.811	9.73	2 5/8	6.36	76.32	7	45.21	542.5
1	.923	11.08						

ALUMINUM ROUNDS

Aluminum Rounds 2024 - T4 2024 - T351

Under 1/2" DIA

1/2" To 6" DIA

Screw Machine Stock
Federal Specification QQA - 225/6
Stock Length, 12'
AMS 4120 AMS 4119

Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1/8	.015	.180	1 3/16	1.30	15.60	2 5/8	6.36	76.32
3/16	.032	.384	1 1/4	1.44	17.28	2 3/4	6.98	83.76
1/4	.058	.696	1 5/16	1.59	19.08	2 7/8	7.63	91.56
5/16	.090	1.08	1 3/8	1.74	20.88	3	8.30	99.60
3/8	.130	1.56	1 7/16	1.91	22.92	3 1/8	9.01	108.1
7/16	.177	2.12	1 1/2	2.08	24.96	3 1/4	9.75	117.0
1/2	.231	2.77	1 9/16	2.25	27.00	3 3/8	10.51	126.1
9/16	.292	3.50	1 5/8	2.44	29.28	3 1/2	11.30	135.6
5/8	.360	4.32	1 3/4	2.83	33.96	3 3/4	12.97	155.6
11/16	.436	5.23	1 13/16	3.03	36.36	4	14.76	177.1
3/4	.519	6.23	1 7/8	3.24	38.88	4 1/4	16.66	199.9
13/16	.609	7.31	2	3.69	44.28	4 1/2	18.68	224.2
7/8	.706	8.47	2 1/8	4.17	50.04	4 3/4	20.81	249.7
15/16	.811	9.73	2 1/4	4.67	56.04	5	23.06	276.7
	.923	11.08	2 5/16	4.93	59.16	5 1/2	27.99	335.9
1 1/16	1.04	12.48	2 3/8	5.20	62.40	6	33.21	398.5
1/8	1.17	14.04	2 1/2	5.77	69.24			

Aluminum Rounds 7075 - T6 7075-T651

Under 3/4" DIA

3/4" DIA & Over

Federal Specification QQA - 225/9

Stock Length, 12'

AMS 4122 AMS 4123

Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
3/8	.130	1.56	1 1/8	1.17	14.04	2 1/2	5.77	69.24
1/2	.231	2.77	1 1/2	2.08	24.96	2 3/4	6.98	83.76
3/4	.519	6.23	1 3/4	2.83	33.96	3	8.30	99.60
1	.923	11.08	2	3.69	44.28	4	14.76	177.1

Aluminum Rounds 6063 - T5 Extruded

Stock Length, 16'

QQA-200/9 AMS 4156

Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	16 Ft. Bar		Per Foot	16 Ft. Bar		Per Foot	16 Ft. Bar
1/2	.235	3.76	3/4	.530	8.48	1	.942	15.07
5/8	.368	5.89						

Aluminum Hexagons 2011 - T3

Screw Machine Stock

Federal Specification QQA - 225/3

Stock Length, 12'

Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1/4	.066	.790	11/16	.500	6.00	1 1/8	1.34	16.08
5/16	.104	1.25	3/4	.595	7.14	1 1/4	1.65	19.80
11/32	.128	1.54	13/16	.699	8.39	1 3/8	2.00	24.00
3/8	.149	1.79	7/8	.810	9.72	1 1/2	2.38	28.50
7/16	.203	2.44	15/16	.929	11.15	1 3/4	3.25	39.00
1/2	.265	3.18	1	1.06	12.72	2	4.24	50.88
9/16	.335	4.02	1 1/16	1.15	13.80			
5/8	.414	4.97						

Aluminum Hexagons 2017-T4 2017-T451

Screw Machine Stock
Federal Specification QQA - 225/5
Stock Length, 12'
AMS 4118

2017-T4			2017-T451			2017-T4			2017-T451		
Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
3/16	.036	.432	5/8	.397	4.76	1 1/4	1.59	19.08	1 1/4	1.59	19.08
1/4	.063	.756	11/16	.481	5.77	1 5/16	1.75	21.00	1 5/16	1.75	21.00
5/16	.099	1.19	3/4	.572	6.86	1 3/8	1.92	23.04	1 3/8	1.92	23.04
3/8	.143	1.72	13/16	.672	8.06	1 7/16	2.10	25.20	1 7/16	2.10	25.20
7/16	.195	2.34	7/8	.779	9.35	1 1/2	2.29	27.48	1 1/2	2.29	27.48
			15/16	.893	10.72	1 5/8	2.69	32.28	1 5/8	2.69	32.28
			1	1.01	12.12	1 3/4	3.12	37.44	1 3/4	3.12	37.44
			1 1/16	1.15	13.80	1 7/8	3.58	42.96	1 7/8	3.58	42.96
1/2	.254	3.05	1 1/8	1.29	15.48	2	4.07	48.84	2	4.07	48.84
9/16	.322	3.86	1 3/16	1.43	17.16						

Aluminum Hexagons 2024-T4 2024-T351

Screw Machine Stock
Federal Specification QQA - 225/6
Stock Length, 12'

2024-T4			2024-T351			2024-T4			2024-T351		
Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
3/16	.036	.432	1/2	.254	3.05	1 1/8	1.29	15.48	1 1/8	1.29	15.48
1/4	.063	.756	9/16	.322	3.84	1 1/4	1.59	19.08	1 1/4	1.59	19.08
5/16	.099	1.19	5/8	.397	4.76	1 3/8	1.92	23.04	1 3/8	1.92	23.04
3/8	.143	1.72	11/16	.481	5.77	1 1/2	2.29	27.48	1 1/2	2.29	27.48
7/16	.195	2.34	3/4	.572	6.86	1 5/8	2.69	32.28	1 5/8	2.69	32.28
			7/8	.779	9.35	1 3/4	3.12	37.44	1 3/4	3.12	37.44
			1	1.01	12.12	1 7/8	3.58	42.96	1 7/8	3.58	42.96
						2	4.07	48.84	2	4.07	48.84

ALUMINUM HEXAGONS

Aluminum Hexagons 6061-T6 6061-T651

Screw Machine Stock
Federal Specification QQA - 225/8
Stock Length, 12'
AMS 4173

6061-T6			6061-T651			6061-T6			6061-T651		
Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.		Size in Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1/4	.063	.756	1/2	.300	3.60	1 1/2	2.70	32.40	1 1/2	2.70	32.40
3/8	.143	1.72	3/4	.675	8.10	2	4.80	57.60	2	4.80	57.60
			1	1.20	14.40						

Aluminum Squares 2017-T4 2017-T451

Screw Machine Stock
Federal Specification QQA - 225/5
Stock Length, 12'
AMS 4118 AMS 4110

2017-T4			2017-T451					
Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1/4	.073	.876	1/2	.294	3.53	1	1.17	14.04
3/8	.165	1.98	5/8	.459	5.51	1 1/4	1.84	22.08
7/16	.225	2.70	3/4	.661	7.93	1 1/2	2.64	31.68
			7/8	.899	10.79	2	4.70	56.40

Aluminum Squares 2024-T4 2024-T351

Federal Specification QQA - 225/6
Stock Length, 12'
AMS 4120 AMS 4119

2024-T4						2024-T351		
Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1/4	.075	.90	5/8	.469	5.63	1 1/2	2.70	32.40
3/8	.169	2.03	3/4	.674	8.09	1 3/4	3.67	44.04
			7/8	.917	11.00	2	4.79	57.48
			1	1.19	14.28	3 1/4	12.66	151.98
1/2	.300	3.60	1 1/8	1.52	18.24	3 1/2	14.68	176.18
9/16	.380	4.56	1 1/4	1.87	22.44	4	19.18	230.16

Aluminum Squares 6063-T5 Extruded

Stock Length, 16'
AMS 4156

Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.	
	Per Foot	16 Ft. Bar		Per Foot	16 Ft. Bar		Per Foot	16 Ft. Bar
1/4	.073	1.17	5/8	.459	7.34	1 1/4	1.84	29.44
3/8	.165	2.64	3/4	.661	10.58	1 1/2	2.64	42.24
1/2	.294	4.70	1	1.17	18.72			

Aluminum Squares 7075-T651

Federal Specification QQA-225/9
Stock Length, 12'
AMS 4168

Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1	1.17	14.04	1 1/2	2.64	31.68	2	4.70	56.40
1 1/8	1.49	17.88	1 3/4	3.60	43.20			

Aluminum Rectangles 2024-T4 2024-T351

Federal Specification QQA - 225/6
Stock Length, 12'
AMS 4120 AMS 4119

2024-T4			2024-T351							
Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.			
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		
2024-T4			2024-T351							
1/8x			1/2x			1 1/4x				
1/2	.073	.876	5/8	.367	4.40	1 1/2	2.20	26.40		
5/8	.092	1.10	3/4	.441	5.29	2	2.94	35.28		
3/4	.110	1.32	7/8	.514	6.17	2 1/2	3.67	44.04		
1	.147	1.76	1	.587	7.04	3	4.41	52.92		
1 1/4	.184	2.21	1 1/4	.734	8.81	1 1/2x	2	3.52	42.24	
1 1/2	.220	2.64	1 1/2	.881	10.57		2 1/2	4.41	52.92	
2	.294	3.53	1 3/4	1.03	12.36		3	5.29	63.48	
			2	1.17	14.04		4	7.05	84.60	
3/16x			2 1/2	1.47	17.64	6	10.57	126.8		
1/2	.110	1.32	3	1.76	21.12	8	14.09	169.1		
5/8	.138	1.66	4	2.35	28.20					
3/4	.165	1.98	6	3.52	42.24	2x	2 1/4	5.29	63.48	
1	.220	2.64	8	4.70	56.40		2 1/2	5.87	70.44	
1 1/4	.275	3.30	10	5.87	70.44		3	7.05	84.60	
1 1/2	.330	3.96				4	9.40	112.8		
2	.441	5.29				6	14.09	169.1		
1/4x										
1/2	.147	1.76	5/8x			2 1/4x	4	10.57	126.8	
5/8	.184	2.21	3/4	.551	6.61		2 1/2x	4	11.74	140.9
3/4	.220	2.64	7/8	.643	7.72			4 1/2	13.21	158.5
7/8	.257	3.08	1	.734	8.81	5		14.68	176.2	
1	.294	3.53	1 1/4	.918	11.02	6	17.62	211.4		
1 1/4	.367	4.40	1 1/2	1.10	13.20					
1 1/2	.441	5.29	2	1.47	17.64	2 3/4x	4	12.92	155.0	
2	.587	7.04					3x	4	14.09	169.1
2 1/2	.734	8.81	3/4x					6	21.14	253.7
3	.881	10.57	1	.881	10.57					
4	1.17	14.04	1 1/4	1.10	13.20					
			1 1/2	1.32	15.84					
			1 3/4	1.54	18.48					
			2	1.76	21.12					
			2 1/2	2.20	26.40					
			3	2.64	31.68					
			3 1/2	3.08	36.96					
			6	5.29	63.48					
5/16x										
1/2	.184	2.21	1x							
5/8	.230	2.76	1 1/4	1.47	17.64					
3/4	.275	3.30	1 1/2	1.76	21.12					
1	.367	4.40	1 3/4	2.06	24.72					
1 1/4	.459	5.51	2	2.35	28.20					
1 1/2	.551	6.61	2 1/2	2.94	35.28					
2	.734	8.81								
3/8x										
1/2	.220	2.64								
5/8	.275	3.30								
3/4	.330	3.96								
1	.441	5.29								
1 1/4	.551	6.61								
1 1/2	.661	7.93								
1 3/4	.771	9.25								
2	.881	10.57								

ALUMINUM RECTANGLES

Aluminum Rectangles 6061-T6 6061-T6511 Extruded

Federal Specification QQA - 225/8
Stock Length, 12'
AMS 4172

6061-T6			6061-T6511			6061-T6			6061-T6511		
Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.	
	Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar
1/8x			3/8x			5/8x					
1	.147	1.76	1/2	.220	2.64	1 1/4	.918	11.02	1 1/4	.918	11.02
2	.294	3.53	3/4	.330	3.96	1 1/2	1.10	13.20	1 1/2	1.10	13.20
			1	.441	5.29	2	1.47	17.64	2	1.47	17.64
			1 1/4	.551	6.61						
3/16x			1 1/2	.661	7.93	3/4x			3/4x		
3/4	.165	1.98	2	.881	10.57	1	.881	10.57	1	.881	10.57
1	.220	2.64	3	1.32	15.84	1 1/4	1.10	13.20	1 1/4	1.10	13.20
1 1/2	.330	3.96	4	1.76	21.12	1 1/2	1.32	15.84	1 1/2	1.32	15.84
2	.441	5.29	6	2.64	31.68	2	1.76	21.12	2	1.76	21.12
						3	2.64	31.68	3	2.64	31.68
1/4x											
3/4	.220	2.64	6061-T6511			1x			1x		
1	.294	3.53	1/2x			1 1/4	1.47	17.64	1 1/4	1.47	17.64
1 1/4	.367	4.40	3/4	.441	5.29	1 1/2	1.76	21.12	1 1/2	1.76	21.12
1 1/2	.441	5.29	1	.587	7.04	2	2.35	28.20	2	2.35	28.20
2	.587	7.04	1 1/4	.734	8.81	3	3.52	42.24	3	3.52	42.24
3	.881	10.57	1 1/2	.881	10.57	4	4.70	56.40	4	4.70	56.40
			2	1.17	14.04						
5/16x			2 1/2	1.47	17.64	1 1/4x			1 1/4x		
3/4	.275	3.30	3	1.76	21.12	2	2.94	35.28	2	2.94	35.28
1	.367	4.40	4	2.35	28.20						
1 1/4	.459	5.51	6	3.52	42.24	1 1/2x			1 1/2x		
1 1/2	.551	6.61				2 1/2	4.41	52.29	2 1/2	4.41	52.29
2	.734	8.81	5/8x			3	5.29	63.48	3	5.29	63.48
			3/4	.551	6.61	6	10.57	126.8	6	10.57	126.8
			1	.734	8.81						

Aluminum Rectangles 6063-T6 Extruded

Federal Specification QQA-220/9
Stock Length, 16'
AMS 4156

6063-T6			6063-T6			6063-T6			6063-T6		
Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.		Size In Inches	Est. Weight Lbs.	
	Per Foot	16 Ft. Bar		Per Foot	16 Ft. Bar		Per Foot	16 Ft. Bar		Per Foot	16 Ft. Bar
1/8x			1/4x			2	.881	14.10			
1/2	.073	1.17	1/2	.147	2.35	3	1.32	21.12			
5/8	.092	1.47	5/8	.184	2.94						
3/4	.110	1.76	3/4	.220	3.52	1/2x			1/2x		
1	.147	2.35	1	.294	4.70	3/4	.441	7.06	3/4	.441	7.06
1 1/4	.184	2.94	1 1/4	.367	5.87	1	.587	9.39	1	.587	9.39
1 1/2	.220	3.52	1 1/2	.441	7.06	1 1/4	.734	11.74	1 1/4	.734	11.74
2	.294	4.70	1 3/4	.514	8.22	1 1/2	.881	14.10	1 1/2	.881	14.10
			2	.587	9.39	2	1.17	18.72	2	1.17	18.72
3/16x			2 1/2	.734	11.74	2 1/2	1.47	23.52	2 1/2	1.47	23.52
1/2	.110	1.76	3	.881	14.10	3	1.76	28.16	3	1.76	28.16
3/4	.165	2.64									
1	.220	3.52	3/8x			3/4x			3/4x		
1 1/4	.275	4.40	1/2	.220	3.52	1 1/2	1.32	21.12	1 1/2	1.32	21.12
1 1/2	.330	5.28	5/8	.275	4.40	2	1.76	28.16	2	1.76	28.16
2	.441	7.06	3/4	.330	5.28	3	2.64	42.24	3	2.64	42.24
2 1/2	.551	8.82	1	.441	7.06						
			1 1/4	.551	8.82	1x			1x		
			1 1/2	.661	10.58	1 1/2	1.76	28.16	1 1/2	1.76	28.16
						2	2.35	37.60	2	2.35	37.60

Aluminum Rectangles 7075-T6 7075-T651

Federal Specification QQA - 225/9
 Sizes up to 1 x 3, Stock Length, 12'
 Sizes 1 x 4 and larger, 3' to 12' Random
 AMS 4123

Size in Inches			Est. Weight Lbs.			Size in Inches			Est. Weight Lbs.		
Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar		Per Foot	12 Ft. Bar	
7075-T6			3/4x			2x					
1/4x			3	2.64	31.68	2 1/2	5.87	70.44			
1	.294	3.53				3	7.05	84.60			
1 1/2	.441	5.29	1x			4	9.40	112.8			
3	.881	10.57	1 3/4	2.06	24.72	6	14.09	169.1			
			2	2.35	28.20						
3/8x			3	3.52	42.24	2 1/2x					
1	.441	5.29	4	4.70	56.40	4	11.74	140.9			
						6	17.62	211.4			
7075-T651			1 1/4x			3x					
1/2x			3	4.41	52.92	4	14.09	169.1			
1 1/2	.881	10.57				4 1/2	16.34	196.1			
4	2.35	28.20	1 1/2x			6	21.14	253.7			
			2 1/2	4.41	52.92						
5/8x			4	7.05	84.60						
1	.734	8.81									

Aluminum Angles 6061-T6 Extruded

Federal Specification QQA - 225/8
 Stock Length, 25'
 AMS 4150



Size in Inches			Est. Weight Lbs.		EQUAL LEGS	Size in Inches			Est. Weight Lbs.	
A	B	C	Per Foot	25 Ft. Length		A	B	C	Per Foot	25 Ft. Length
3/4 x 3/4 x	1/8		.20	5.00		2 1/2 x 2 1/2 x	1/4		1.41	35.25
									1.73	43.25
1 x 1 x	1/8		.27	6.75					2.05	51.25
	3/16		.40	10.00						
	1/4		.51	12.75		3 x 3 x	3/16		1.29	32.25
									1.68	42.00
1 1/4 x 1 1/4 x	1/8		.35	8.75					2.08	52.00
	3/16		.51	12.75					2.47	61.75
	1/4		.66	16.50					3.22	80.50
1 1/2 x 1 1/2 x	1/8		.43	10.75		3 1/2 x 3 1/2 x	1/4		1.99	49.75
	3/16		.62	15.50					2.45	61.25
	1/4		.81	20.25					2.92	73.00
									3.82	95.50
1 3/4 x 1 3/4 x	1/8		.49	12.25						
	3/16		.73	18.25		4 x 4 x	1/4		2.28	57.00
	1/4		.95	23.75					2.82	70.50
									3.36	84.00
2 x 2 x	1/8		.57	14.25					4.50	112.5
	3/16		.84	21.00						
	1/4		1.11	27.75		5 x 5 x	3/8		4.28	107.0
	5/16		1.11	27.75					5.57	139.2
	3/8		1.60	40.00						
2 1/2 x 2 1/2 x	3/16		1.07	26.75		6 x 6 x	3/8		5.11	127.7
									6.89	172.2

ALUMINUM RECTANGLES

Aluminum Angles 6061-T6 Extruded (con't)



Federal Specification QQA - 225/8
Stock Length, 25'
AMS 4153

Size in Inches			Est. Weight Lbs.		UNEQUAL LEGS	Size in Inches			Est. Weight Lbs.	
A	B	C	Per Foot	25 Ft. Length		A	B	C	Per Foot	25 Ft. Length
1 1/2 x 1	1/4 x 1/8		.39	9.75		3 x 2 x		3/16	1.07	26.75
		3/16	.56	14.00				1/4	1.40	35.00
		1/4	.74	18.50				3/8	2.05	51.25
1 3/4 x 1	1/4 x 1/8		.43	10.75		3 x 2 1/2 x	1/4		1.53	38.25
		3/16	.62	15.50					1.68	42.00
		1/4	.81	20.25						
2 x 1	1/2 x 1/8		.49	12.25		4 x 3 x	1/4		1.99	49.75
		3/16	.73	18.25				3/8	2.92	73.00
		1/4	.95	23.75				1/2	3.82	95.50
2 1/2 x 2	3/16		.96	24.00		5 x 3 x	3/8		3.35	83.75
		1/4	1.25	31.25					4.70	117.5
		5/16	1.54	38.50						
						6 x 4 x	3/8		4.24	106.0
								1/2	5.69	142.2

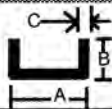
Aluminum Angles 6063-T6 Extruded



Federal Specification QQA - 200/9
Square Corners
Stock Length, 16'
AMS 4153

Size in Inches			Est. Weight Lbs.		EQUAL LEGS	Size in Inches			Est. Weight Lbs.	
A	B	C	Per Foot	16 Ft. Length		A	B	C	Per Foot	16 Ft. Length
1/2 x 1/4 x	1/16	1/8	.07	1.12		1 1/4 x 1 1/4 x	1/8	1/16	.36	5.76
			.13	2.08				3/16	.52	8.32
5/8 x 5/8 x	1/8		.17	2.72		1 1/2 x 1 1/2 x	1/8	3/16	.43	6.88
								3/16	.63	10.08
3/4 x 3/4 x	1/16	1/8	.11	1.76		1 3/4 x 1 3/4 x	1/8		.51	8.16
			.21	3.36						
1 x 1 x	1/16	1/8	.14	2.24		2 x 2 x	1/8	3/16	.58	9.28
			.28	4.48				3/16	.86	13.76
			.41	6.56				1/4	1.12	17.92
3/4 x 3/8 x	3/32		.12	1.92		1 1/2 x 3/4 x	1/8		.32	5.12
1 x 1/2 x	3/32	1/8	.16	2.56		1 1/2 x 1 x	1/8		.36	5.76
			.21	3.36						
1 x 3/4 x	1/8		.24	3.84		2 x 1 x	1/8		.43	6.88
1 1/4 x 1/2 x	1/8		.24	3.84		3 1/2 x 1 1/4 x	1/8	.69	11.04	

Aluminum Structural Channels 6061-T6



Federal Specification QQA - 200/16
Stock Length, 25'
AMS 4150

Size in Inches			Est. Weight Lbs.		Size in Inches			Est. Weight Lbs.	
Base	Flange	Web	Per Foot	25 Ft. Length	Base	Flange	Web	Per Foot	25 Ft. Length
A	B	C			A	B	C		
3	1.410	.170	1.42	35.50	5	1.750	.190	2.31	57.75
	1.498	.258	1.73	43.25		1.885	.325	3.10	77.50
	1.596	.356	2.07	51.75		6	1.920	.200	2.82	70.50
4	1.580	.180	1.84	46.00	1.945		.225	3.00	75.00
	1.647	.247	2.15	53.75	2.034		.314	3.62	90.50
	1.720	.320	2.50	62.50	2.157	.437	4.49	112.3	
					8	2.290	.250	4.25	106.3

Aluminum Structural Channels 6063-T5 Extruded



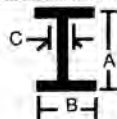
Federal Specification QQA - 200/9
Stock Length, 16'
AMS 4156

Size in Inches			Est. Weight Lbs.		Size in Inches			Est. Weight Lbs.	
A	B	C	Per Foot	16 Ft. Length	A	B	C	Per Foot	16 Ft. Length
3/8 x 3/8 x 3/32			.12	1.92	1 1/2 x 1/2 x 1/8*			.34	6.80*
1/2 x 3/8 x 1/8			.15	2.40	1 3/4 x 1/2 x 1/8			.37	5.92
1/2 x 1/2 x 3/32			.15	2.40	1 3/4 x 3/4 x 1/8			.45	7.20
1/2 x 3/4 x 1/8			.26	4.16	1 3/4 x 1 x 1/8			.53	8.48
5/8 x 5/8 x 1/8			.24	3.84	2 x 1/2 x 1/8			.41	6.56
3/4 x 3/8 x 1/8			.19	3.04	2 x 1 x 1/8*			.56	11.20*
3/4 x 3/4 x 1/8			.30	4.80	2 1/4 x 7/8 x 1/8*			.56	11.20*
1 x 1/2 x 1/8*			.26	5.20*	2 1/2 x 1 1/2 x 1/8**			.79	17.38**
1 x 1 x 1/8			.41	6.56	3 x 1/2 x 1/8			.56	8.96
1 1/4 x 1/2 x 1/8*			.30	6.00*	3 x 1 x 1/8			.71	11.36
1 1/3 x 1 1/4 x 1/8			.53	8.48	5 x 2 x 3/16			1.95	31.20
1 7/8 x 1/2 x 3/32*			.25	5.00*					

*These sizes 20' length only--weight computed accordingly.

**This size 22' length only--weight computed accordingly.

Aluminum Structural I-Beams 6061-T6



Federal Specification QQA - 200/16
Stock Length, 25'
AMS 4150

Size in Inches			Est. Weight Lbs.		Size in Inches			Est. Weight Lbs.	
Base	Flange	Web	Per Foot	25 Ft. Length	Base	Flange	Web	Per Foot	25 Ft. Length
A	B	C			A	B	C		
3	2.330	.170	1.96	49.00	5	3.000	.210	3.42	85.50
	2.590	.349	2.59	64.75		3.284	.494	5.09	127.3
4	2.660	.190	2.64	66.00	6	3.330	.230	4.30	107.5
	2.796	.326	3.28	82.00		3.443	.343	5.09	127.3

Aluminum Tees 6063-T4 Extruded



Stock Length, 16'

Size in Inches			Est. Weight Lbs.		Size in Inches			Est. Weight Lbs.	
A	B	C	Per Foot	16 Ft. Length	A	B	C	Per Foot	16 Ft. Length
3/4	x 3/4	x 1/8	.21	3.36	1	x 3/4	x 1/8	.24	3.84
3/4	x 1 1/4	x 1/8	.28	4.48	1	x 1	x 1/8	.28	4.48
7/8	x 1 1/4	x 1/8	.30	4.80	1 1/4	x 7/8	x 1/8	.30	4.80
1	x 1/2	x 3/8	.32	5.12	2	x 3/4	x 1/8	.39	6.24

Aluminum Tubing 3003-H14

Federal Specification WW-T-700/2
Seamless Round Drawn Tubing
Stock Length, 12'
AMS 4065

O.D. In Inches	Wall Thickness		I.D. In Inches	Wall Thickness	
	Gauge	Decimal		Gauge	Decimal
3/16	24	.022	.143	.013	.156
	1/4	.022	.206	.019	.228
		20	.035	.180	.028
3/8	16	.065	.120	.044	.528
	24	.022	.331	.029	.348
		22	.028	.319	.036	.432
	20	.035	.305	.044	.528
		16	.065	.245	.075	.900
	1/2	22	.028	.444	.049	.588
20		.035	.430	.060	.720
		18	.049	.402	.082	.984
5/8	16	.065	.370	.104	1.248
	22	.028	.569	.062	.744
		20	.035	.555	.076	.912
	18	.049	.527	.104	1.248
		16	.065	.495	.134	1.608
	3/4	20	.035	.680	.093
18		.049	.652	.127	1.524
		17	.058	.634	.148	1.776
7/8	16	.065	.620	.165	1.980
	20	.035	.805	.109	1.308
		18	.049	.777	.150	1.800
	17	.058	.759	.175	2.100
1	16	.065	.745	.195	2.340
	20	.035	.930	.125	1.500
		18	.049	.902	.172	2.064
	17	.058	.884	.202	2.424
1 1/4	16	.065	.870	.225	2.700
	20	.035	1.180	.157	1.844
		18	.049	1.152	.217	2.604
	17	.058	1.134	.255	3.060
1 3/8	16	.065	1.120	.285	3.420
	20	.035	1.305	.173	2.076
		18	.049	1.277	.240	2.880
	17	.058	1.259	.282	3.384
16	.065	1.245	.315	3.780	

Aluminum Tubing 3003-H14 (con't)

Federal Specification WW-T-700/2
Round Drawn Tubing
Stock Length, 12'

O.D. in Inches	Wall Thickness		I.D. in Inches	Wall Thickness	
	Gauge	Decimal		Gauge	Decimal
1 1/2	20	.035	1.430	.189	2.268
	18	.049	1.402	.263	3.156
	17	.058	1.384	.309	3.708
1 3/4	16	.065	1.370	.345	4.140
	20	.035	1.680	.222	2.664
	18	.049	1.652	.308	3.696
2	16	.065	1.620	.405	4.860
	20	.035	1.930	.254	3.048
	18	.049	1.902	.353	4.236
2 1/4	16	.065	1.870	.465	5.580
	16	.065	2.120	.525	6.300
	18	.049	2.402	.444	5.328
2 3/4	16	.065	2.307	.585	7.020
	16	.065	2.620	.645	7.740
	3	.065	2.870	.705	8.460
3 1/4	16	.065	3.120	.765	9.180
	16	.065	3.370	.825	9.900
	4	.065	3.870	.945	11.34
4 1/2	16	.065	4.370	1.070	12.84

ALUMINUM TUBING

Aluminum Tubing 5052-0

Federal Specification WW-T-700/4
Round Drawn Tubing
Stock Length, 12'
AMS 4070

O.D. in Inches	Wall Thickness		I.D. in Inches	Wall Thickness	
	Gauge	Decimal		Gauge	Decimal
1/8	20	.035	.055	.012	.144
3/16	20	.035	.117	.020	.240
	1/4	22	.028	.194	.023	.276
5/16	20	.035	.180	.028	.336
	20	.035	.242	.036	.432
	3/8	20	.035	.305	.044	.528
1/2	18	.049	.277	.059	.708
	20	.035	.430	.060	.720
	18	.049	.402	.082	.984
5/8	20	.035	.555	.076	.912
	18	.049	.527	.104	1.248
	20	.035	.680	.093	1.116
3/4	18	.049	.652	.127	1.524
	20	.035	.930	.125	1.500
	1	18	.049	.902	.172	2.064
1 1/4	20	.035	1.180	.157	1.884
	18	.049	1.152	.217	2.604
	18	.049	1.402	.263	3.156
1 3/4	18	.049	1.652	.308	3.696
	20	.035	1.930	.254	3.048
	18	.049	1.902	.353	4.236
2	16	.065	1.870	.465	5.580
	20	.035	2.430	.319	3.828
	18	.049	2.402	.444	5.328

Aluminum Tubing 6061-T6

Federal Specification WW-T-700/6
 Round Drawn Tubing
 Stock Length, 12'
 AMS 4082

O.D. In Inches	Wall Thickness		I.D. In Inches	Wall Thickness	
	Gauge	Decimal		Gauge	Decimal
3/16	20	.035	.117	.020	.240
	18	.049	.089	.025	.300
1/4	20	.035	.180	.028	.336
	18	.049	.152	.036	.432
5/16	17	.058	.134	.041	.492
	20	.035	.242	.036	.432
3/8	18	.049	.214	.048	.576
	17	.058	.196	.055	.660
7/16	20	.035	.305	.044	.528
	18	.049	.277	.059	.708
1/2	17	.058	.259	.068	.816
	20	.035	.367	.075	.900
5/8	18	.049	.307	.090	1.080
	17	.058	.444	.049	.588
3/4	20	.035	.430	.060	.720
	18	.049	.402	.082	.984
7/8	17	.058	.384	.095	1.140
	16	.065	.370	.104	1.248
1	22	.028	.569	.062	.744
	20	.035	.555	.076	.912
1 1/8	18	.049	.527	.104	1.248
	17	.058	.509	.122	1.464
1 1/4	16	.065	.495	.134	1.608
	20	.035	.680	.093	1.116
1 1/2	18	.049	.652	.127	1.524
	17	.058	.634	.148	1.776
1 3/4	16	.065	.620	.165	1.980
	14	.083	.584	.205	2.460
2	20	.035	.805	.109	1.308
	18	.049	.777	.150	1.800
2 1/4	17	.058	.759	.175	2.100
	16	.065	.745	.195	2.340
2 1/2	20	.035	.930	.125	1.500
	18	.049	.902	.172	2.064
2 3/4	17	.058	.884	.202	2.424
	16	.065	.870	.225	2.700
3	14	.083	.834	.281	3.372
	20	.035	1.055	.141	1.692
3 1/4	17	.058	1.009	.229	2.748
	20	.035	1.180	.157	1.884
3 1/2	18	.049	1.152	.217	2.604
	17	.058	1.134	.255	3.060
3 3/4	16	.065	1.120	.285	3.420
	15	.078	1.094	.338	4.056
4	14	.083	1.084	.358	4.296
	20	.035	1.305	.173	2.076
4 1/4	17	.058	1.259	.282	3.384
	14	.083	1.209	.396	4.752

Aluminum Tubing 6061-T6 (con't)

Federal Specification WW-T-700/6
 Round Drawn Tubing
 Stock Length, 12'
 AMS 4082

O.D. in Inches	Wall Thickness		I.D. in Inches	Wall Thickness	
	Gauge	Decimal		Gauge	Decimal
1 1/2	20	.035	1.430	.189	2.268
	18	.049	1.402	.263	3.156
	17	.058	1.384	.309	3.708
	16	.065	1.370	.345	4.140
	14	.083	1.334	.435	5.220
	1/8	.125*	1.250	.635	7.620
1 5/8	1/4	.250*	1.000	1.150	13.80
	20	.035	1.555	.206	2.472
1 3/4	17	.058	1.509	.336	4.032
	14	.083	1.634	.363	4.356
1 7/8	17	.058	1.584	.511	6.132
	18	.049	1.759	.389	4.668
	16	.065	1.902	.353	4.236
	14	.083	1.870	.465	5.580
	1/8	.125*	1.834	.588	7.056
	1/4	.250*	1.750	.866	10.39
	18	.049	1.500	1.620	19.44
	16	.065	2.152	.399	4.788
	14	.083	2.120	.525	6.300
	16	.065	2.084	.665	7.980
	14	.083	2.370	.585	7.020
	1/8	.125*	2.334	.741	8.892
	1/4	.250*	2.250	1.100	13.20
	16	.065	2.000	2.080	24.96
	14	.083	2.870	.705	8.460
	1/8	.125*	2.834	.895	10.74
	1/4	.250*	2.750	1.330	15.96
	1/8	.125*	2.500	2.540	30.48
11	.120	3.750	1.790	21.48	
			4.260	1.94	23.28

ALUMINUM TUBING

*These sizes are extruded. All others are drawn.

Aluminum Tubing 2024-Y3

Federal Specification WW-T-700/3
 Round Drawn Tubing
 Stock Length, 12'
 ASTM B210 AMS 4087

O.D. in Inches	Wall Thickness		I.D. in Inches	Wall Thickness	
	Gauge	Decimal		Gauge	Decimal
	20	.035	.117	.020	.240
	20	.035	.180	.028	.336
	18	.049	.214	.048	.576
	18	.049	.277	.059	.708
	17	.058	.259	.068	.816
	16	.065	.235	.074	.894
	17	.058	.321	.081	.972
	16	.065	.307	.090	1.080
	20	.035	.430	.060	.720

Aluminum Tubing 2024-Y3 (con't)

Federal Specification WW-T-700/3
 Round Drawn Tubing
 Stock Length, 12'
 ASTM B210 AMS 4087

O.D. in Inches	Wall Thickness		I.D. in Inches	Wall Thickness	
	Gauge	Decimal		Gauge	Decimal
	20	.035	.555	.076	.912
	18	.049	.527	.104	1.248
	20	.035	.680	.093	1.116
	18	.049	.652	.127	1.524
	18	.049	.777	.150	1.800
	20	.035	.930	.125	1.500
	18	.049	.902	.172	2.064
	16	.065	.870	.225	2.700
	16	.065	.995	.255	3.060
	18	.049	1.152	.217	2.604
	17	.058	1.134	.255	3.060
	16	.065	1.120	.285	3.420
	14	.083	1.084	.358	4.296
	20	.035	1.430	.189	2.268
	18	.049	1.402	.263	3.156
	16	.065	1.370	.345	4.140
	17	.058	1.634	.363	4.356
	16	.065	1.620	.405	4.860
	20	.035	1.930	.254	3.048
	18	.049	1.902	.353	4.236
	17	.058	1.884	.416	4.992
	16	.065	1.870	.465	5.580
	20	.035	2.430	.319	3.828
	16	.065	2.370	.585	7.020
	11	.120	2.260	1.060	12.72

Aluminum Square Tubing 6063-T4 Extruded

Stock Length, 21'

O.D. in Inches	Wall Thickness		Estimated Weight, Lbs.	
	Gauge	Decimal	Per Foot	21 Foot Length
3/4	1/8	.125	.376	7.90
1	1/8	.125	.526	11.05
1 1/4	1/8	.125	.674	14.15
1 1/2	1/8	.125	.825	17.33
1 3/4	1/8	.125	.974	20.45
2	1/8	.125	1.126	23.65

Aluminum Rectangular Tubing 6063-T4 Extruded

Stock Length, 21'

O.D. in Inches	Wall Thickness		Estimated Weight, Lbs.	
	Gauge	Decimal	Per Foot	21 Foot Length
1/2 x 1	1/8	.125	.383	8.04
3/4 x 1 1/2	1/8	.125	.604	12.68
1 x 1 1/2	1/8	.125	.677	14.22
2	1/8	.125	.824	17.30
1 1/4 x 2 1/2	1/8	.125	1.045	21.94
1 1/2 x 2	1/8	.125	.971	20.39
1 3/4 x 3	1/8	.125	1.339	28.12
3 1/3	1/8	.125	1.486	31.21
4	1/8	.125	1.633	34.29
4 1/2	1/8	.125	1.780	37.38
5	1/8	.125	1.927	40.47
2 x 3	1/8	.125	1.412	29.65
5	1/8	.125	2.000	42.00

Aluminum Pipe 3003-H18 3003-H112

Military Specification MIL-P-25995
Schedule No. 40
Stock Length, 20'

Size in Inches	Gauge	Decimal	Wall Thickness	Estimated Weight, Lbs.	
				Per Foot	20 Foot Length
3003-H18					
1/8*	.405	.269	.068	.085	1.020*
1/4*	.540	.364	.088	.147	1.764*
3/8*	.675	.493	.091	.196	2.352*
1/2	.840	.622	.109	.294	5.880
3/4	1.050	.824	.113	.391	7.820
3003-H112					
1	1.315	1.049	.133	.581	11.62
1 1/4	1.660	1.380	.140	.785	15.70
1 1/2	1.900	1.610	.145	.939	18.78
2	2.375	2.067	.154	1.26	25.20
2 1/2	2.875	2.469	.203	2.00	40.00
3	3.500	3.068	.216	2.62	52.40
3 1/2	4.000	3.548	.226	3.15	63.00
4	4.500	4.026	.237	3.73	74.60
5	5.563	5.047	.258	5.05	101.0
6	6.625	6.065	.280	6.56	131.2
8	8.625	7.981	.322	9.88	197.6
10	10.75	10.02	.365	14.00	280.0
12*	12.75	12.00	.375	17.14	205.7*

ALUMINUM PIPE

*These sizes 12' length only--weight computed accordingly.

Aluminum Pipe 6061-T6

Military Specification MIL-P-25995
 Schedule No. 40
 Stock Length, 20'

Size in Inches	Gauge	Decimal	Wall Thickness	Estimated Weight, Lbs.	
				Per Foot	20 Foot Length
1/8*	.405	.269	.068	.085	1.020*
1/4*	.540	.364	.088	.147	1.764*
3/8*	.675	.493	.091	.196	2.352*
1/2	.840	.622	.109	.294	5.880
3/4	1.050	.824	.113	.391	7.820
1	1.315	1.049	.133	.581	11.62
1 1/4	1.660	1.380	.140	.785	15.70
1 1/2	1.900	1.610	.145	.939	18.78
2	2.375	2.067	.154	1.26	25.20
2 1/2	2.875	2.469	.203	2.00	40.00
3	3.500	3.068	.216	2.62	52.40
3 1/2	4.000	3.548	.226	3.15	63.00
4	4.500	4.026	.237	3.73	74.60
5	5.563	5.047	.258	5.05	101.0
6	6.625	6.065	.280	6.56	131.2
8	8.625	7.981	.322	9.88	197.6
10	10.75	10.02	.365	14.00	280.0
12††	12.75	12.00	.375	17.14	205.7*

*These sizes, 12' length only--weight computed accordingly.

†Not A.S.A. Schedule No. 40.

Aluminum Pipe 6061-T6

Military Specification MIL-P-25995
 Schedule No. 80 Extra Heavy
 Stock Length, 20'

Size in Inches	Gauge	Decimal	Wall Thickness	Estimated Weight, Lbs.	
				Per Foot	20 Foot Length
1	1.315	.957	.179	.751	15.02
1 1/4	1.660	1.278	.191	1.04	20.80
1 1/2	1.900	1.500	.200	1.26	25.20
2	2.375	1.939	.218	1.74	34.80
3	3.500	2.900	.300	3.55	71.00
3 1/2	4.000	3.364	.318	4.33	86.60
4	4.500	3.826	.337	5.18	103.6
5	5.563	4.813	.375	7.19	143.8
6	6.625	5.761	.432	9.88	197.6
8	8.625	7.625	.500	15.01	300.2

Aluminum Pipe 6063-T6

Military Specification MIL-P-25995
Schedule No. 40
Stock Length, 20'

Size in Inches	Gauge	Decimal	Wall Thickness	Estimated Weight, Lbs.	
				Per Foot	20 Foot Length
1	1.315	1.049	.133	.581	11.62
1 1/4	1.660	1.380	.140	.785	15.70
1 1/2	1.900	1.610	.145	.939	18.78
2	2.375	2.067	.154	1.26	25.20
2 1/2	2.875	2.469	.203	2.00	40.00
3	3.500	3.068	.216	2.62	52.40
3 1/2	4.000	3.548	.226	3.15	63.00
4	4.500	4.026	.237	3.73	74.60
5	5.563	5.047	.258	5.05	101.0
6	6.625	6.065	.280	6.56	131.2
8	8.625	7.981	.322	9.88	197.6
10	10.75	10.02	.365	14.00	280.0
12*	12.75	12.00	.375	17.14	205.7*

This size, 12' length only--weight computed accordingly.

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ALUMINUM DATA

TEMPER DESIGNATION FOR ALUMINUM

The Temper Designation is always separated from the Alloy Designation by a hyphen. Do not omit the hyphen. Note certain designations apply only to Wrought Products, others to Cast Products, still others apply to both.

- F **As Fabricated:** Applies to products which acquire some temper qualities in the shaping processes but are not subsequently thermally treated or intentionally strain hardened. (Wrought Products.)
- O **Annealed, Recrystallized** (Wrought Products Only. See - T2 for Cast): Applies to the softest temper.
- H **Strain Hardened** (Wrought Products Only): Applies to those products which have their strength increased by strain hardening with or without supplementary thermal treatments to produce partial softening. The -H is always followed by two or more digits. The first digit indicates the specific combination of basic operations, and the following digit or digits the final degree of strain hardening.

Sub Divisions of the -H Temper:

- H1 **Strain Hardened only:** The number following this designation indicates the degree of strain hardening.
- H2 **Strain Hardened and then Partially Annealed:** The number following this designation indicates the degree of strain hardening remaining after the product has been partially annealed. For alloys that age soften at room temperature, the -H2 tempers have approximately the same tensile strengths as the corresponding -H3 tempers. For other alloys, the H2 tempers have approximately the same tensile strengths as the corresponding -H1 tempers and slightly higher elongations.
- H3 **Strain Hardened and then Stabilized:** The number following this designation indicates the degree of strain hardening remaining after the product has been strain hardened a specific amount and then stabilized. This designation applies only to those alloys which, unless stabilized, age soften at room temperature.

Sub Divisions of the -H1, -H2, and -H3 Tempers indicate the final degree of strain hardening. The numeral 8 designates the temper normally regarded and arbitrarily selected as "full hard". Material having a tensile strength about midway between that of fully annealed material (-O temper) and that of the 8 temper is indicated by the numeral 4. The numeral 2 designates material having a tensile strength about midway between that of -O temper and 4 temper. 6 temper is midway between 4 and 8. Although 8 is considered "full hard", a slightly harder temper, 9, is produced for special applications.

- W **Solution Heat Treated** (Wrought Products): An unstable temper applicable only to those alloys which spontaneously age at room temperature after solution heat treatment. This designation is specific only when the period of natural aging is indicated.

-T Treated to Produce Stable Tempers Other than -F, -O, or -H....with or without supplementary strain hardening. Strain hardening is considered in the temper designation only where it is recognized as materially influencing the characteristics of the product. The -T is always followed by one or more digits. The numerals 2 through 10 each indicate a specific sequence of basic operations outlined below. Treatment details usually differ for each alloy. Deliberate variations of the conditions, resulting in significantly different characteristics for the product, are indicated by adding one or more digits to the basic designation listed below. No attempt is made to have these added digits indicate any specific set of conditions. A period of natural aging at room temperatures may occur between or after the operations listed. Control of this period is exercised when it is metallurgically important.

Sub-Divisions of the -T Temper:

- T2 Annealed (Cast Products Only):** Applies to castings only, to indicate a type of annealing operation used to improve ductility and increase dimensional stability.
- T3 Solution Heat Treated and then Cold Worked (Wrought Products):** Applies to those products where cold work is performed for the primary purpose of improving the strength, and also to those products in which the effect of cold work, such as flattening or straightening, is recognized in applicable specifications.
- T4 Solution Heat Treated and Naturally Aged to a Substantially Stable Condition (Wrought or Cast Products):** Applies when the product is not cold worked after heat treatment, and also when applicable specifications do not recognize the effect of cold work in flattening and straightening operations.
- T5 Artificially Aged Only (Wrought or Cast Products):** Applies to products which are artificially aged without prior solution heat treatment. The artificial aging of these products may improve mechanical properties and/or dimensional stability.
- T6 Solution Heat Treated and then Artificially Aged (Wrought or Cast Products):** Applies to products which are not cold worked after solution heat treatment and in which the effect, if any, of flattening or straightening is not recognized in applicable specifications.
- T7 Solution Heat Treated and then Stabilized (Cast Products Only):** Applies to products in which the temperature and time conditions for stabilizing are such that the alloy is carried beyond the point of maximum hardness, providing control of growth and/or residual stress.
- T8 Solution Heat Treated, Cold Worked, and then Artificially Aged (Wrought Products Only):** Applies when the cold working is done for the purpose of improving strength, and also when the cold working effect of flattening or straightening is recognized in applicable specifications.
- T9 Solution Heat Treated, Artificially Aged, and then Cold Worked (Wrought Products Only):** Applies when the cold working is done for the purpose of improving strength.
- T10 Artificially Aged and then Cold Worked (Wrought Products Only):** Applies to products which are artificially aged without prior solution heat treatment and then cold worked for the purpose of improving strength.

NOTES