



REFERENCE BOOK

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The Solution to All Your Steel Needs

Service – Value – Delivery



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Cheyenne, WY

General Information about This Book

ALL PRODUCTS ARE NOT AVAILABLE IN STOCK, BUT
ORDERS ARE PLACED TO FULLFIL CUSTOMER ORDERS ON
NON STOCK ITEMS.

ALL DIMENSIONS AND WEIGHTS IN THE BOOK ARE SUBJECT
TO MILL SPECIFICATIONS AND TOLERANCES

PLEASE INQUIRE ANY SIZES OR GRADES NOT LISTED.

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BLACK PLAIN END PIPE

Test Line Pipe- Schedule 40 - Standard Weight

ASTM Grade A-53

Size Inches	Outside Diameter	Inside Diameter	Wall Thickness	Lbs. Per Ft.
1/8	0.405	0.269	0.068	0.24
1/4	0.540	0.364	0.088	0.42
3/8	0.675	0.493	0.091	0.57
1/2	0.840	0.622	0.109	0.85
3/4	1.050	0.824	0.113	1.13
1	1.315	1.049	0.133	1.68
1 1/4	1.660	1.380	0.140	2.27
1 1/2	1.900	1.610	0.145	2.72
2	2.375	2.067	0.154	3.65
2 1/2	2.875	2.469	0.203	5.79
3	3.500	3.068	0.216	7.58
3 1/2	4.000	3.548	0.226	9.11
4	4.500	4.026	0.237	10.79
5	5.563	5.047	0.258	14.62
6	6.625	6.065	0.280	18.97
8	8.625	7.981	0.322	28.55
10	10.750	10.020	0.365	40.48
12	12.750	12.000	0.375	49.56

BLACK T/C PIPE

Test Line Pipe- Schedule 40 - Standard Weight

ASTM Grade A-53

Size Inches	Outside Diameter	Inside Diameter	Wall Thickness	Lbs. Per Ft.
1/8	0.405	0.269	0.068	0.24
1/4	0.540	0.364	0.088	0.42
3/8	0.675	0.493	0.091	0.57
1/2	0.840	0.622	0.109	0.85
3/4	1.050	0.824	0.113	1.13
1	1.315	1.049	0.133	1.68
1 1/4	1.660	1.380	0.140	2.28
1 1/2	1.900	1.610	0.145	2.73
2	2.375	2.067	0.154	3.68
2 1/2	2.875	2.469	0.203	5.79
3	3.500	3.068	0.216	7.58
3 1/2	4.000	3.548	0.226	9.11
4	4.500	4.026	0.237	10.79

EXTRA HEAVY BLACK PIPE P.E.

Tested - Schedule 80

ASTM Grade A-53

Size Inches	Outside Diameter	Inside Diameter	Wall Thickness	Lbs. Per Ft.
1/2	0.840	0.546	0.147	1.09
3/4	1.050	0.742	0.154	1.47
1	1.315	0.957	0.179	2.17
1 1/4	1.660	1.278	0.191	3.00
1 1/2	1.900	1.500	0.200	3.63
2	2.375	1.939	0.218	5.02
2 1/2	2.875	2.323	0.276	7.66
3	3.500	2.900	0.300	10.25
3 1/2	4.000	3.364	0.318	12.51
4	4.500	3.826	0.337	14.98
5	5.563	4.813	0.375	20.78
6	6.625	5.761	0.432	28.57
8	8.625	7.625	0.500	43.39
10	10.750	10.250	0.500	54.74
12	12.750	12.250	0.500	65.42

Pipe Dimensions and Weights are Nominal			
<u>Permissible Variation</u>		<u>Over</u>	<u>Under</u>
Weight		5%	5%
Outside Diameter:	1/8" to 1 1/2"	1/64"	1/32"
	2" and larger	1%	1%
Wall Thickness		—	12.50%

ROUND AND P.S. (PIPE SIZE) TUBING

ASTM Grade A-500B & A513

Size (OD)		Gauge	Lbs./Ft	Size (OD)		Gauge	Lbs./Ft
.750" (3/4")		16 Ga.	0.476	1.900"		16 Ga.	1.274
		15 Ga.	0.521			15 Ga.	1.406
		14 Ga.	0.591			14 Ga.	1.611
						12 Ga.	2.085
(P.S.) (1/2")	.840"	.109 Wall	0.850			11 Ga.	2.281
1.000" (1")		16 Ga.	0.649	(P.S.) (1 1/2")	1.90"	.109 Wall	2.085
		14 Ga.	0.813		1.90"	.145 Wall	2.700
		13 Ga.	0.918		1.90"	.200 Wall	3.631
		12 Ga.	1.307	2.000" (2")		16 Ga.	1.343
	11 Ga.	1.128			15 Ga.	1.483	
					14 Ga.	1.699	
					12 Ga.	2.201	
(P.S.) (3/4")	1.05"	.113 Wall	1.130			11 Ga.	2.409
	1.05"	.154 Wall	1.470				
1.250" (1 1/4")		16 Ga.	0.823	2.375" (2 3/8")		14 Ga.	2.032
		15 Ga.	0.906			12 Ga.	2.638
		14 Ga.	1.034			11 Ga.	2.890
		13 Ga.	1.172				
		12 Ga.	1.328		2.375"	.109 Wall	2.638
		11 Ga.	1.448	(P.S) (2")	2.375"	.154 Wall	3.650
					2.375"	.218 Wall	5.022
	1.312"	.109 Wall	1.404				
(P.S.) (1")	1.312"	.133 Wall	1.680	2.500" (2 1/2")		14 Ga.	2.143
	1.312"	.179 Wall	2.170			12 Ga.	2.783
						11 Ga.	3.050
1.500" (1 1/2")		16 Ga.	0.996	2.750" (2 3/4")		16 Ga.	1.864
		14 Ga.	1.256			15 Ga.	2.059
		13 Ga.	1.426			14 Ga.	2.364
		12 Ga.	1.619			12 Ga.	3.075
		11 Ga.	1.769			11 Ga.	3.371
1.660"		16 Ga.	1.107				
		14 Ga.	1.398	(P.S.) (2 1/2")	2.875"	.203 Wall	5.790
		12 Ga.	1.806		2.875"	.276 Wall	7.661
		11 Ga.	1.974				
(P.S.) (1 1/4")	1.66"	.140 Wall	2.270	(P.S.) (3')	3.500"	.216 Wall	7.580
	1.66"	.191 Wall	2.997		3.500"	.300 Wall	10.250
1.750" (1 3/4")				(P.S.) (3 1/2")	4.000"	.226 Wall	9.111
		14 Ga.	1.478		4.000"	.318 Wall	12.510
		13 Ga.	1.679				
		12 Ga.	1.910				
		11 Ga.	2.089				

ROUND AND P.S. (PIPE SIZE) TUBING

ASTM Grade A-500B & A513

Size (OD)	Gauge	Lbs./Ft		Size (OD)	Gauge	Lbs./Ft	
(P.S.) (4")	4.500"	.237 Wall	10.790	(P.S.) (10")	10.75"	.365 Wall	40.520
	4.500"	.337 Wall	14.980		10.75"	.500 Wall	54.790
(P.S.) (5")	5.563"	.258 Wall	14.620	(P.S.) (12")	12.75"	.375 Wall	49.560
	5.563"	.375 Wall	20.780		12.75"	.500 Wall	65.480
(P.S.) (6")	6.625"	.188 Wall	12.925	(P.S.) (14")	14.00"	.375 Wall	54.570
	6.625"	.280 Wall	18.990		14.00"	.500 Wall	72.090
	6.625"	.432 Wall	28.600	(P.S.) (16")	16.00"	.375 Wall	62.640
(P.S.) (8")	8.625"	.322 Wall	28.580		16.00"	.500 Wall	82.850
	8.625"	.500 Wall	43.390		(P.S.) (18")	18.00"	.375 Wall

Round Tubing

ASTM Grade A-135 - A-500B

Size (OD)	Gauge	Lbs./Ft		Size (OD)	Gauge	Lbs./Ft
3" AKDQ	14 Ga.	2.60		6"	14 Ga.	4.80
3"	14 Ga.	2.60			12 Ga.	6.80
	12 Ga.	3.30			10 Ga.	8.60
	11 Ga.	3.70		3/16"	11.60	
	10 Ga.	4.20		6 5/8"	14 Ga.	5.40
3 1/2"	14 Ga.	2.80			12 Ga.	7.90
	12 Ga.	3.90			10 Ga.	9.90
	11 Ga.	4.30		3/16"	12.90	
	10 Ga.	5.00		7"	14 Ga.	5.70
4"	14 Ga.	3.20			12 Ga.	7.90
	12 Ga.	4.50			10 Ga.	10.10
	11 Ga.	4.90		3/16"	13.60	
	10 Ga.	5.70		8"	14 Ga.	6.500
	3/16"	7.60			12 Ga.	9.000
4 1/2"	12 Ga.	5.00			11 Ga.	10.300
	11 Ga.	5.60			10 Ga.	11.600
	10 Ga.	6.40			3/16"	15.600
5"	14 Ga.	4.00		8 5/8"	1/4"	20.690
	12 Ga.	5.60			12 Ga.	9.800
	10 Ga.	7.20			10 Ga.	12.500
		3/16"			16.900	
				1/4"	22.400	

ROUND TUBING

ASTM Grade A-135 - A-500B

Size (OD)	Gauge	Lbs./Ft	Size (OD)	Gauge	Lbs./Ft
10"	12 Ga.	11.510	14"	12 Ga.	16.170
	11 Ga.	12.660		10 Ga.	19.840
	10 Ga.	14.120		3/16"	27.730
	3/16"	19.700		1/4"	36.710
	1/4"	26.030		3/8"	54.570
10 3/4"	12 Ga.	12.390	16"	12 Ga.	18.500
	10 Ga.	15.190		10 Ga.	22.710
	3/16"	21.200		3/16"	31.750
	1/4"	28.000		1/4"	42.100
12"	12 Ga.	12.840	18"	3/8"	62.578
	10 Ga.	16.980		1/4"	47.440
	3/16"	23.720		3/8"	70.654
	1/4"				
12 3/4"	12 Ga.	14.720	20"	1/4"	52.730
	10 Ga.	18.010		3/8"	59.180
	3/16"	25.220			
	1/4"	33.400			

SQUARE TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt.	Wt.	Wt.	Wt.	Wt.
		Lbs./Ft	Lbs./20'	Lbs./24'	Lbs./40'	Lbs./48'
1/2 x 1/2	16 Ga.	0.384	7.68	9.22	15.36	
3/4 x 3/4	16 Ga.	0.606	12.12	14.54	24.24	
	14 Ga.	0.753	15.06	18.07	30.12	
	11 Ga.	1.028	20.56	24.67	41.12	
1 x 1	16 Ga.	0.827	16.54	19.85	33.08	
	15 Ga.	0.909	18.18	21.82	36.36	
	14 Ga.	1.035	20.70	24.84	41.40	
	12 Ga.	1.320	26.40	31.68	52.8	
	11 Ga.	1.436	28.72	34.46	57.44	
1 1/4 x 1 1/4	16 Ga.	1.047	20.94	25.13	41.88	
	14 Ga.	1.317	26.34	31.61	52.68	
	12 Ga.	1.691	33.82	40.58	67.64	
	11 Ga.	1.844	36.88	44.26	73.76	
	3/16"	2.913	58.26	69.91	116.52	

SQUARE TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt.	Wt.	Wt.	Wt.	Wt.
		Lbs./Ft	Lbs./20'	Lbs./24'	Lbs./40'	Lbs./48'
1 1/2 x 1 1/2	16 Ga.	1.268	25.36	30.43	50.72	
	14 Ga.	1.599	31.98	38.38	63.96	
	12 Ga.	2.062	41.24	49.49	82.48	
	11 Ga.	2.252	45.04	54.05	90.08	
	3/16"	3.046	60.92	73.10	121.84	
	1/4"	4.067	81.341	102.00	162.68	
1 3/4 x 1 3/4	14 Ga.	1.882	37.64	45.17	75.28	
	12 Ga.	2.433	48.66	58.39	97.32	
	11 Ga.	2.660	53.20	63.84	106.40	
2 x 2	16 Ga.	1.710	34.20	41.04	68.40	
	14 Ga.	2.164	43.28	51.94	86.56	
	12 Ga.	2.802	56.04	67.25	112.08	
	11 Ga.	3.050	61.00	73.20	122.00	
	3/16"	4.320	86.40	103.68	172.80	207.36
	1/4"	5.410	108.20	129.84	216.40	259.68
	5/16"	6.322	126.44	151.73	252.88	303.46
2 1/2 x 2 1/2	14 Ga.	2.730	54.60	65.52		
	11 Ga.	3.900	78.00	93.60	156.00	
	3/16"	5.590	111.80	134.16	223.60	268.32
	1/4"	7.110	142.20	170.64	284.40	341.28
	5/16"	8.430	168.60	202.32	337.20	404.64
3 x 3	14 Ga.	3.240	64.80	77.76	129.60	
	11 Ga.	4.750	95.00	114.00	190.00	
	3/16"	6.870	137.40	164.88	274.80	329.76
	1/4"	8.810	176.20	211.44	352.40	422.88
	5/16"	10.580	211.60	253.92	423.20	507.84
	3/8"	12.170	243.40	292.08	486.80	584.16
3 1/2 x 3 1/2	11 Ga.	5.610	112.20	134.64	224.40	
	3/16"	8.150	163.00	195.60	326.00	391.20
	1/4"	10.510	210.20	252.24	420.40	504.48
	5/16"	12.700	254.00	304.80	508.00	609.60
4 x 4	14 Ga.	4.360	87.20	104.64	174.40	
	11 Ga.	6.460	129.20	155.04	258.40	
	3/16"	9.420	188.40	226.08	376.80	452.16
	1/4"	12.210	244.20	293.04	488.40	586.08
	5/16"	14.830	296.60	355.92	593.20	711.84
	3/8"	17.270	345.40	414.48	690.80	828.96
	1/2"	21.610	432.20	518.64	864.40	1037.28

SQUARE TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt. Lbs./Ft	Wt. Lbs./20'	Wt, Lbs./24'	Wt. Lbs./40'	Wt. Lbs./48'
4 1/2 x 4 1/2	11 Ga.	7.310	146.20	175.44	292.40	
	3/16"	10.700	214.00	256.80	428.00	
	1/4"	13.900	278.00	333.60	556.00	
5 x 5	3/16"	11.970	239.40	287.28	478.80	574.56
	1/4"	15.620	312.40	374.88	624.80	749.76
	5/16"	19.080	381.60	457.92	763.20	915.84
	3/8"	22.370	447.40	536.88	894.80	1073.76
	1/2"	28.430	568.60	682.32	1137.20	1364.64
6 x 6	3/16"	14.530	290.60	348.72	581.20	697.44
	1/4"	19.020	380.40	456.48	760.80	912.96
	5/16"	23.340	466.80	560.16	933.60	1120.32
	3/8"	27.480	549.60	659.52	1099.20	1319.04
	1/2"	35.240	704.80	845.76	1409.60	1691.52
	5/8"	42.300	846.00	1015.00	1692.00	2030.00
7 x 7	3/16"	17.080	314.60	409.92	683.20	819.84
	1/4"	22.420	448.40	538.08	896.80	1076.16
	5/16"	27.590	551.80	662.16	1103.60	1324.32
	3/8"	32.580	651.60	781.92	1303.20	1563.84
	1/2"	42.050	841.00	1009.20	1682.00	2018.40
	5/8"	50.810	1016.00	1219.00	2032.00	2439.00
8 x 8	3/16"	19.630	392.60	471.12	785.20	942.24
	1/4"	25.820	516.40	619.68	1032.80	1239.36
	5/16"	31.840	636.80	764.16	1273.60	
	3/8"	37.690	753.80	904.56	1507.60	1809.12
	1/2"	48.850	977.00	1172.40	1954.00	2344.80
	5/8"	59.320	1186.00	1424.00	2373.00	2847.00
9 x 9	3/16"	22.180	444.00	532.00	887.00	1065.00
	1/4"	29.230	585.00	702.00	1169.00	1403.00
	5/16"	36.100	722.00	866.00	1444.00	1733.00
	3/8"	42.790	856.00	1027.00	1712.00	2054.00
	1/2"	55.660	1113.00	1336.00	2226.00	2672.00
	5/8"	67.820	1356.00	1628.00	2713.00	3255.00

SQUARE TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

10 x 10	3/16"	24.730	494.60	593.52	989.20	1187.04
	1/4"	32.630	652.60	783.12	1305.20	1566.24
	5/16"	40.350	807.00	968.00	1614.00	1937.00
	3/8"	47.900	958.00	1149.60	1916.00	2299.20
	1/2"	62.460	1249.20	1499.04	2498.40	2998.08
	5/8"	76.330	1527.00	1832.00	3053.00	3664.00
12 x 12	1/4"	39.430	788.60	946.32	1577.20	1892.64
	5/16"	48.660	973.00	1168.00	1946.00	2336.00
	3/8"	58.100	1162.00	1394.40	2324.00	2788.80
	1/2"	76.060	1521.20	1825.44	3042.40	3650.88
	5/8"	93.360	1867.00	2241.00	3734.00	4481.00

LARGER SIZES AVAILABLE FOR SPECIAL ORDER

RECTANGULAR TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt. Lbs./Ft	Wt. Lbs./20'	Wt, Lbs./24'	Wt. Lbs./40'	Wt. Lbs./48'
1 1/2 x 3/4	16 Ga.	0.937	18.74	22.49	37.48	
	14 Ga.	1.176	23.52	28.22	47.04	
	11 Ga.	1.640	32.80	39.36	79.72	
1 1/2 x 1	14 Ga.	1.317	26.34	31.61	52.68	
	11 Ga.	1.844	36.88	44.256	73.76	
2 x 1	16 Ga.	1.268	25.36	30.43	50.72	
	14 Ga.	1.599	31.98	38.38	63.96	
	12 Ga.	2.462	41.24	49.49	82.48	
	11 Ga.	2.252	45.04	54.05	90.08	
	3/16"	3.350	67.00	80.40	124.00	
2 x 1 1/4	14 Ga.	2.023	40.46	48.552	80.98	
	11 Ga.	2.456	49.12	58.944	98.24	
2 x 1 1/2	14 Ga.	1.882	37.64	45.17	75.28	
	11 Ga.	2.660	53.20	63.84	106.40	
2 1/2 x 1 1/2	14 Ga.	2.160	4.32	51.84	86.40	
	11 Ga.	3.070	61.40	73.68	122.80	
	3/16"	4.320	86.40	103.68	172.80	
3 x 1	16 Ga.	1.711	34.22	41.06	68.44	
	14 Ga.	2.160	43.20	51.84	86.40	
	11 Ga.	3.070	61.40	73.68	122.80	
3 x 1 1/2	14 Ga.	2.446	48.92	58.7	97.84	
	11 Ga.	3.480	69.60	83.52	139.20	
	3/16"	4.970	99.40	119.28	198.80	
3 x 2	14 Ga.	2.670	53.40	64.08	106.80	
	11 Ga.	3.900	78.00	93.60	156.00	
	3/16"	5.590	111.80	134.16	223.60	
	1/4"	7.110	142.20	170.64	284.40	
3 x 2 1/2	3/16"	6.870	137.40	164.88	274.80	
	1/4"	8.810	176.20	211.44	352.40	
3 1/2 x 2 1/2	3/16"	6.870	137.40	164.88	274.80	
	1/4"	8.810	176.20	211.44	352.40	
4 x 1 1/2	14 Ga.	2.981	59.62	71.54	119.24	
	11 Ga.	4.292	85.84	103.01	171.68	
4 x 2	14 Ga.	3.240	64.80	77.76	129.60	
	11 Ga.	4.750	95.00	114.00	190.00	
	3/16"	6.870	137.40	164.88	274.80	
	1/4"	8.810	176.20	211.44	352.40	
	5/16"	10.580	211.62	253.92	423.20	
	3/8"	12.150	243.00	291.60	486.00	

RECTANGULAR TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt.	Wt.	Wt.	Wt.	Wt.
		Lbs./Ft	Lbs./20'	Lbs./24'	Lbs./40'	Lbs./48'
4 x 3	11 Ga.	5.610	112.20	134.64	134.64	
	3/16"	8.150	163.00	195.60	195.60	
	1/4"	10.510	210.20	252.24	252.24	504.48
	5/16"	12.700	254.20	304.80	304.80	609.60
	3/8"	14.720	294.40	353.28	353.28	706.56
5 x 2	11 Ga.	5.610	112.20	134.64	224.00	269.28
	3/16"	8.150	163.00	195.60	326.00	391.20
	1/4"	10.510	210.20	252.24	420.40	545.28
5 x 2 1/2	3/16"	8.780	175.60	210.72	351.20	421.44
	1/4"	11.360	227.20	272.64	454.40	504.48
5 x 3	11 Ga.	6.460	129.20	155.05	258.40	310.08
	3/16"	9.420	188.40	226.08	376.80	452.16
	1/4"	12.210	244.20	293.04	488.40	586.08
	5/16"	14.830	296.60	355.92	593.20	711.84
	3/8"	17.270	345.40	414.48	690.80	828.96
	1/2"	21.630	432.60	519.12	865.20	1038.24
5 x 4	11 Ga.	7.330	146.00	175.92	293.20	351.84
	3/16"	10.700	214.00	256.80	428.00	513.60
	1/4"	13.900	278.00	333.60	556.00	667.20
	3/8"	19.820	396.00	476.00	793.00	951.00
6 x 2	11 Ga.	6.460	129.20	155.04	258.40	310.08
	3/16"	9.420	188.40	226.08	376.80	452.16
	1/4"	12.210	244.20	293.04	488.40	586.08
	5/16"	14.830	296.60	249.22	593.20	498.44
	3/8"	17.270	345.40	414.48	690.80	828.96
6 x 3	11 Ga.	7.310	146.20	175.44	282.40	350.88
	3/16"	10.700	214.00	256.80	428.00	513.60
	1/4"	13.910	278.20	333.84	556.40	667.67
	5/16"	16.960	339.20	407.04	678.40	814.08
	3/8"	19.820	396.40	475.68	792.80	951.36
	1/2"	25.030	500.60	600.72	1001.20	1201.44
6 x 4	3/16"	11.970	239.40	278.28	478.80	574.56
	1/4"	15.620	312.40	374.88	624.80	749.76
	5/16"	19.080	381.60	457.92	763.20	915.84
	3/8"	22.370	447.40	536.80	894.80	1073.76
	1/2"	28.430	568.60	682.32	1137.20	1364.64
6 x 5	3/16"	10.700	214.00	257.00	428.00	514.00
	1/4"	17.320	346.40	415.68	692.80	831.36
	5/16"	21.210	424.20	509.04	848.40	1018.08
	3/8"	24.920	498.40	598.08	996.80	1196.16

RECTANGULAR TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt.	Wt.	Wt.	Wt.	Wt.
		Lbs./Ft	Lbs./20'	Lbs./24'	Lbs./40'	Lbs./48'
7 x 2	3/16"	10.700	214.00	257.00	428.00	514.00
	1/4"	13.910	278.00	334.00	556.00	668.00
	5/16"	16.960	339.00	407.00	678.00	814.00
7 x 3	3/16"	11.970	239.40	287.28	478.80	547.56
	1/4"	15.620	312.40	374.88	624.80	749.76
	5/16"	19.080	381.60	457.92	763.20	915.84
	3/8"	22.370	447.40	536.80	894.80	1073.60
7 x 4	3/16"	13.250	235.00	318.00	530.00	636.00
	1/4"	17.320	346.40	415.68	692.80	831.36
	5/16"	21.210	424.00	509.00	848.00	1018.00
	3/8"	24.930	499.00	598.00	997.00	1197.00
	1/2"	31.840	636.80	764.16	1273.60	1528.32
7 x 5	3/16"	14.530	290.60	348.72	581.20	697.44
	1/4"	19.020	380.40	456.48	760.80	912.96
	5/16"	23.340	466.80	560.16	993.60	1120.32
	3/8"	27.480	549.60	659.52	1099.20	1319.04
	1/2"	35.240	704.80	845.76	1409.60	1691.52
8 x 2	3/16"	11.970	239.40	287.28	478.80	574.56
	1/4"	15.620	312.40	374.88	624.80	749.76
	3/8"	22.370	447.40	536.88	894.80	1073.76
8 x 3	3/16"	13.250	265.00	318.00	530.00	636.00
	1/4"	17.320	346.40	415.68	692.80	831.36
	5/16"	21.210	424.20	509.04	848.40	1018.08
	3/8"	24.930	498.60	598.32	997.20	1196.64
8 x 4	3/16"	14.530	290.60	348.72	581.20	697.44
	1/4"	19.020	380.40	456.48	760.80	912.96
	5/16"	23.340	466.80	560.16	933.60	1120.32
	3/8"	27.480	549.60	659.52	1099.20	1319.04
	1/2"	35.240	704.80	845.76	1409.60	1691.53
	5/8"	42.300	846.00	1015.00	1692.00	2030.00
8 x 6	3/16"	17.080	341.60	409.92	683.20	819.84
	1/4"	22.420	448.00	538.08	896.80	1076.16
	5/16"	27.590	551.80	662.16	1103.60	1324.32
	3/8"	32.580	651.60	781.92	1303.20	1563.84
	1/2"	42.050	841.00	1009.20	1682.00	1682.00
	5/8"	50.810	1016.00	1219.00	2032.00	2439.00
9 x 3	3/16"	14.530	291.00	349.00	581.00	697.00
	1/4"	19.020	380.00	456.00	761.00	913.00
	5/16"	23.340	467.00	560.00	934.00	1120.00
	3/8"	27.480	550.00	660.00	1099.00	1319.00

RECTANGULAR TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt.	Wt.	Wt.	Wt.	Wt.
		Lbs./Ft	Lbs./20'	Lbs./24'	Lbs./40'	Lbs./48'
9 x 5	3/16"	17.080	342.00	410.00	683.00	820.00
	1/4"	22.420	448.00	538.00	897.00	1076.00
	5/16"	27.590	552.00	662.00	1104.00	1324.00
	3/8"	32.580	652.00	782.00	1303.00	1564.00
	1/2"	42.050	841.00	1009.00	1682.00	2018.00
10 x 2	3/16"	14.530	229.06	348.72	458.12	697.44
	1/4"	19.020	380.40	456.48	760.80	912.96
	5/16"	23.340	466.80	560.16	933.60	1120.32
	3/8"	27.480	549.60	659.52	1099.20	1319.04
10 x 3	3/16"	15.800	316.00	379.00	632.00	758.00
	1/4"	20.720	414.00	497.00	829.00	995.00
	5/16"	25.470	509.00	611.00	1019.00	1223.00
10 x 4	3/16"	17.080	341.60	409.92	683.20	819.84
	1/4"	22.420	448.40	538.08	896.80	1076.16
	5/16"	27.590	551.80	662.16	1103.60	1324.32
	3/8"	32.580	651.60	781.92	1303.20	1563.84
	1/2"	42.050	841.00	1009.20	1682.00	2018.40
10 x 6	3/16"	19.630	393.00	471.00	785.00	942.00
	1/4"	25.820	516.40	619.68	1032.80	1239.36
	5/16"	31.840	636.80	764.16	1273.60	1528.32
	3/8"	37.690	753.80	904.56	1507.60	1809.12
	1/2"	48.850	977.00	1172.40	1954.00	2344.80
10 x 8	3/16"	22.180	443.60	532.32	887.20	1064.64
	1/4"	29.200	584.00	700.80	1168.00	1401.60
	5/16"	36.125	722.50	867.00	1445.00	1734.00
	3/8"	42.790	855.80	1026.96	1711.60	2053.92
	1/2"	55.660	1113.00	1336.00	2226.00	2672.00
12 x 2	3/16"	17.080	341.60	409.92	683.20	819.84
	1/4"	22.420	448.40	538.08	896.80	1076.16
	5/16"	27.590	552.00	662.00	1104.00	1324.00
	3/8"	32.580	652.00	782.00	1303.00	1564.00
12 x 4	3/16"	19.360	393.00	471.00	785.00	942.00
	1/4"	25.820	516.40	619.68	1032.80	1239.36
	5/16"	31.840	636.80	764.16	1273.60	1528.32
	3/8"	37.690	753.80	904.56	1507.60	1809.12
	1/2"	48.850	977.00	1172.40	1954.00	2345.00
12 x 6	3/16"	22.180	443.60	532.32	887.20	1064.64
	1/4"	29.200	584.00	700.80	1168.00	1401.60
	5/16"	36.120	822.40	866.88	1444.80	1733.36
	3/8"	42.750	855.00	1026.00	1710.00	2052.00
	1/2"	55.660	1113.20	1335.84	2226.40	2671.68
	5/8"	76.330	1527.00	1832.00	3053.00	3664.00

RECTANGULAR TUBE

ASTM Grades

Under 2": ASTM A-513 - 2" & Over: ASTM A-500 Gr B & C

Size and Gauge		Wt.	Wt.	Wt.	Wt.	Wt.
		Lbs./Ft	Lbs./20'	Lbs./24'	Lbs./40'	Lbs./48'
12 x 8	1/4"	32.590	651.80	782.16	1303.60	1564.32
	5/16"	40.370	807.40	968.88	1614.80	1937.76
	3/8"	47.850	957.00	1148.40	1914.00	2296.80
	1/2"	62.460	1249.20	1499.04	2498.40	2988.08
	5/8"	76.330	1527.00	1832.00	3053.00	3664.00
14 x 4	1/4"	29.230	585.00	702.00	1169.00	1403.00
	5/16"	36.100	722.00	866.00	1444.00	1733.00
	3/8"	42.790	856.00	1027.00	1712.00	2054.00
	1/2"	55.660	1113.00	1336.00	2226.00	2672.00
	5/8"	67.820	1356.00	1628.00	2713.00	3255.00
14 x 6	3/16"	24.730	495.00	594.00	989.00	1187.00
	1/4"	32.630	653.00	783.00	1305.00	1566.00
	5/16"	40.350	807.00	968.00	1614.00	1937.00
	3/8"	47.900	958.00	1150.00	1916.00	2299.00
	1/2"	62.460	1249.00	1499.00	2498.00	2998.00
14 x 10	1/4"	39.430	789.00	946.00	1577.00	1893.00
	5/16"	48.860	977.00	1173.00	1954.00	2345.00
	3/8"	58.100	1162.00	1394.00	2324.00	2789.00
	1/2"	76.070	1521.00	1826.00	3043.00	3651.00
	5/8"	93.360	1867.00	2241.00	3734.00	4481.00
16 x 4	1/4"	32.630	653.00	783.00	1305.00	1566.00
	5/16"	40.350	807.00	968.00	1614.00	1937.00
	3/8"	47.900	958.00	1150.00	1916.00	2299.00
	1/2"	62.460	1249.00	1499.00	2498.00	2998.00
	5/8"	76.330	1527.00	1832.00	3053.00	3664.00
16 x 8	1/4"	39.430	789.00	946.00	1577.00	1893.00
	5/16"	48.960	979.00	1175.00	1958.00	2350.00
	3/8"	58.100	1162.00	1394.00	2324.00	2789.00
	1/2"	76.070	1521.00	1826.00	3043.00	3651.00
	5/8"	93.360	1867.00	2241.00	3734.00	4481.00
18 x 6	5/16"	48.960	979.00	1175.00	1958.00	2350.00
	3/8"	58.100	1162.00	1394.00	2324.00	2789.00
	1/2"	76.070	1521.00	1826.00	3043.00	3651.00
20 x 4	3/8"	58.100	1162.00	1394.00	2324.00	2789.00
	1/2"	76.070	1521.00	1826.00	3043.00	3651.00

HOT ROLLED SQUARES

A-36

Size	Lbs./Ft.	Lbs./20'	Size	Lbs./Ft.	Lbs./20'
3/8	0.478	9.56	1	3.402	68.04
1/2	0.851	17.02	1 1/4	5.316	106.23
1/2 (twisted)	0.851	17.02	1 1/2	7.655	153.10
5/8	1.329	26.58	1 5/8	8.980	179.59
3/4	1.914	38.28	2	13.600	272.00
7/8	2.605	52.10	6 5/8 Billet	144.800	2896.00

COLD DRAWN SQUARES

C1018

HOT ROLLED ROUNDS

MBQ - A-36 and A-572 GR 50

Size	Lbs./Ft.	Lbs./12'	Size	Lbs./Ft.	Lbs./20'
3/16	0.120	1.44	1/4	0.167	3.34
1/4	0.213	2.56	5/16	0.261	5.22
5/16	0.332	3.98	3/8	0.376	7.52
3/8	0.478	5.74	7/16	0.511	10.22
7/16	0.651	7.81	1/2	0.668	13.36
1/2	0.850	10.20	9/16	0.845	16.90
5/8	1.330	15.96	5/8	1.043	20.86
3/4	1.910	22.92	3/4	1.502	30.04
7/8	2.600	31.20	7/8	2.045	40.88
1	3.400	40.80	1	2.670	53.40
1 1/8	4.300	51.60	1 1/8	3.380	67.60
1 1/4	5.310	63.72	1 1/4	4.172	83.44
1 1/2	7.650	91.80	1 3/8	5.149	100.98
2	13.600	163.20	1 1/2	6.008	120.16
			1 3/4	8.180	163.60
			2	10.680	213.60
			2 1/4	13.520	272.65
			2 1/2	16.690	333.80
			2 3/4	20.190	403.80
			3 1/4	28.210	564.20

INQUIRE REGARDING:
Sizes not listed - Grades not listed

COLD DRAWN ROUNDS
 C1018, C1045, C1144 Stress Relieved
 Lengths - 12' 20'

Size	Lbs./Ft.	Lbs./20'
1/8	0.042	0.84
3/16	0.094	1.88
1/4	0.167	3.34
5/16	0.261	5.22
3/8	0.376	7.52
7/16	0.511	10.22
1/2	0.668	13.36
9/16	0.845	16.90
5/8	1.040	20.80
11/16	1.260	25.20
3/4	1.500	30.00
13/16	1.760	35.20
7/8	2.040	40.80
15/16	2.350	47.00
1	2.670	53.40
1 1/16	3.020	60.40
1 1/8	3.380	67.60
1 3/16	3.770	75.40
1 1/4	4.170	83.40
1 5/16	4.600	92.00
1 3/8	5.050	101.00
1 7/16	5.520	110.40
1 1/2	6.010	120.20
1 9/16	6.520	130.40
1 5/8	7.050	141.00
1 3/4	8.180	163.60
1 7/8	9.390	187.80
1 15/16	10.020	200.40
2	10.680	213.60
2 1/8	12.060	241.20
2 3/16	12.780	255.60
2 1/4	13.520	270.40
2 3/8	15.060	301.20
2 7/16	15.870	317.40
2 1/2	16.690	333.80
2 3/4	20.190	403.80
2 15/16	23.040	460.80
3	24.030	480.60
3 7/16	31.550	631.00
3 1/2	32.710	654.20
4	42.730	854.60

COLD DRAWN FLAT

Conforms to ASTM A-108 / C1018 x 12' Lengths

Size	Lbs./Ft.	Lbs./20'
1/4 x 1	0.85	10.20
1/4 x 1 1/4	1.06	12.76
1/4 x 1 1/2	1.28	15.30
1/4 x 2	1.70	20.40
1/4 x 3	2.55	30.60
1/4 x 4	3.40	40.80
3/8 x 1 1/2	1.91	22.95
3/8 x 2	2.55	30.60
3/8 x 2 1/2	3.19	28.26
3/8 x 3	3.83	45.90
3/8 x 4	5.10	61.20
1/2 x 1	1.70	20.40
1/2 x 1 1/2	2.55	30.60
1/2 x 2	3.40	40.80
1/2 x 2 1/2	4.25	51.00
1/2 x 3	5.10	61.20
1/2 x 4	6.80	81.60
1/2 x 4 1/2	6.57	91.88
1/2 x 5	8.50	102.00
1/2 x 6	10.20	122.40
5/8 x 2	4.25	51.00
5/8 x 3	6.38	76.50
5/8 x 4	8.50	102.00
3/4 x 1	2.55	30.60
3/4 x 1 1/2	3.83	45.90
3/4 x 2	5.10	61.20
3/4 x 3	7.65	91.80
3/4 x 4	10.20	122.40
3/4 x 5	12.75	153.00
3/4 x 6	15.30	183.60
1 x 1 1/2	5.10	61.20
1 x 2	6.80	81.60
1 x 2 1/2	8.50	102.00
1 x 3	10.20	122.40
1 x 4	13.60	163.20
1 x 5	17.00	204.00
1 1/4 x 2	8.50	102.00
1 1/4 x 3	12.75	153.00
1 1/4 x 4	17.00	204.00
1 1/2 x 2	10.20	122.40
1 1/2 x 2 1/2	12.75	153.00
1 1/2 x 3	15.30	183.60
1 1/2 x 4	20.40	244.80
1 3/4 x 6	35.73	428.76
2 x 3	20.40	244.80
2 x 4	27.20	326.40

HOT ROLLED STRIP

A-1011 and A-36

Size	Lbs./Ft.	Lbs./20'
1/8 x 1/2	0.213	4.26
1/8 x 3/4	0.319	6.38
1/8 x 1	0.425	8.50
1/8 x 1 1/4	0.531	10.62
1/8 x 1 1/2	0.638	12.76
1/8 x 1 3/4	0.744	14.88
1/8 x 2	0.850	17.00
1/8 x 2 1/4	0.956	19.12
1/8 x 2 1/2	1.060	21.20
1/8 x 2 3/4	1.170	23.40
1/8 x 3	1.280	25.60
1/8 x 3 1/2	1.490	29.80
1/8 x 4	1.700	34.00
1/8 x 4 1/2	1.910	38.20
1/8 x 5	2.130	42.60
1/8 x 6	2.550	51.00
1/8 x 7	2.980	59.60
1/8 x 8	3.400	68.00
1/8 x 10	4.250	85.00
1/8 x 12	5.100	102.00
3/16 x 1/2	0.319	6.38
3/16 x 5/8	0.399	7.98
3/16 x 3/4	0.478	9.56
3/16 x 7/8	0.559	11.18
3/16 x 1	0.638	12.76
3/16 x 1 1/4	0.797	15.94
3/16 x 1 1/2	0.956	19.12
3/16 x 1 3/4	1.120	22.40
3/16 x 2	1.280	25.60
3/16 x 2 1/4	1.434	28.68
3/16 x 2 1/2	1.590	31.80
3/16 x 2 3/4	1.750	35.00
3/16 x 3	1.910	38.20
3/16 x 3 1/2	2.230	44.60
3/16 x 4	2.550	51.00
3/16 x 4 1/2	2.869	57.38
3/16 x 5	3.190	63.80
3/16 x 5 1/2	3.506	70.12
3/16 x 6	3.830	76.60
3/16 x 7	4.460	89.20
3/16 x 8	5.100	102.00
3/16 x 9	5.740	114.80
3/16 x 10	6.380	127.60
3/16 x 12	7.650	153.00

SEE: Universal Mill Plates for widths over 12"
INQUIRE REGARDING: Pickling and Oiling

HOT ROLLED FLATS

A-1011 and A-36

Size	Lbs./Ft.	Lbs./20'
1/4 x 1/2	0.425	8.50
1/4 x 5/8	0.531	10.62
1/4 x 3/4	0.638	12.76
1/4 x 1	0.850	17.00
1/4 x 1 1/4	1.060	21.20
1/4 x 1 1/2	1.280	25.60
1/4 x 1 3/4	1.490	29.80
1/4 x 2	1.700	34.00
1/4 x 2 1/4	1.910	38.20
1/4 x 2 1/2	2.130	42.60
1/4 x 2 3/4	2.340	46.80
1/4 x 3	2.550	51.00
1/4 x 3 1/4	2.760	55.20
1/4 x 3 1/2	2.980	59.60
1/4 x 4	3.400	68.00
1/4 x 4 1/2	3.830	76.60
1/4 x 5	4.250	85.00
1/4 x 5 1/2	4.680	93.60
1/4 x 6	5.100	102.00
1/4 x 6 1/2	5.530	110.60
1/4 x 7	5.950	119.00
1/4 x 8	6.800	136.00
5/16 x 1	1.060	21.20
5/16 x 1 1/4	1.330	26.60
5/16 x 1 1/2	1.590	31.80
5/16 x 1 3/4	1.860	37.20
5/16 x 2	2.130	42.60
5/16 x 2 1/2	2.660	53.20
5/16 x 3	3.190	63.80
5/16 x 3 1/2	3.720	74.40
5/16 x 4	4.250	85.00
5/16 x 4 1/2	4.780	95.60
5/16 x 5	5.310	106.20
5/16 x 5 1/2	5.840	116.80
5/16 x 6	6.380	127.60
5/16 x 8	8.500	170.00
3/8 x 3/4	0.956	19.20
3/8 x 1	1.280	25.60
3/8 x 1 1/4	1.590	31.80
3/8 x 1 1/2	1.910	38.20
3/8 x 1 3/4	2.230	44.60

(continued on next page)

HOT ROLLED FLATS

A-1011 and A-36

Size	Lbs./Ft.	Lbs./20'
3/8 x 2	2.550	51.00
3/8 x 2 1/4	2.870	57.40
3/8 x 2 1/2	3.190	63.80
3/8 x 2 3/4	3.510	70.20
3/8 x 3	3.830	76.60
3/8 x 3 1/2	4.460	89.20
3/8 x 4	5.100	102.00
3/8 x 4 1/2	5.740	114.20
3/8 x 5	6.380	127.60
3/8 x 5 1/2	7.010	140.20
3/8 x 6	7.650	153.00
3/8 x 6 1/2	8.290	165.80
3/8 x 7	8.930	178.60
3/8 x 8	10.200	204.00
1/2 x 3/4	1.280	25.60
1/2 x 1	1.700	34.00
1/2 x 1 1/4	2.130	42.60
1/2 x 1 1/2	2.550	51.00
1/2 x 1 3/4	2.980	59.60
1/2 x 2	3.400	68.00
1/2 x 2 1/4	3.830	76.60
1/2 x 2 1/2	4.250	85.00
1/2 x 3	5.100	102.00
1/2 x 3 1/2	5.950	119.00
1/2 x 4	6.800	136.00
1/2 x 4 1/2	7.650	153.00
1/2 x 5	8.500	170.00
1/2 x 5 1/2	9.350	187.00
1/2 x 6	10.200	204.00
1/2 x 7	11.900	238.00
1/2 x 8	13.600	272.00
5/8 x 1	2.125	42.50
5/8 x 1 1/2	3.188	63.76
5/8 x 2	4.250	85.00
5/8 x 2 1/2	5.310	106.20
5/8 x 3	6.380	127.60
5/8 x 3 1/2	7.440	148.80
5/8 x 4	8.500	170.00
5/8 x 4 1/2	9.560	191.20
5/8 x 5	10.630	212.60
5/8 x 6	12.750	255.00

(continued on next page)

HOT ROLLED FLATS

A-1011 and A-36

Size	Lbs./Ft.	Lbs./20'
5/8 x 7	14.880	297.60
5/8 x 8	17.000	340.00
3/4 x 1	2.550	51.00
3/4 x 1 1/4	3.190	63.80
3/4 x 1 1/2	3.830	76.60
3/4 x 1 3/4	4.463	89.26
3/4 x 2	5.100	102.00
3/4 x 2 1/2	6.380	127.60
3/4 x 3	7.650	153.00
3/4 x 3 1/2	8.930	178.60
3/4 x 4	10.200	204.00
3/4 x 4 1/2	11.480	229.60
3/4 x 5	12.750	255.00
3/4 x 5 1/2	14.030	280.60
3/4 x 6	15.300	306.00
3/4 x 7	17.850	357.00
3/4 x 8	20.400	408.00
1 x 1 1/4	4.250	85.01
1 x 1 1/2	5.100	102.00
1 x 2	6.800	136.00
1 x 2 1/2	8.500	170.00
1 x 3	10.200	204.00
1 x 3 1/2	11.900	238.00
1 x 4	13.600	272.00
1 x 4 1/2	15.300	306.00
1 x 5	17.000	340.00
1 x 5 1/2	18.700	374.00
1 x 6	20.400	408.00
1 x 7	23.800	476.00
1 x 8	27.200	544.00
1 1/4 x 3	12.750	255.00
1 1/4 x 4	17.000	340.00
1 1/4 x 5	21.250	425.00
1 1/4 x 6	25.500	510.00
1 1/4 x 2	10.200	204.00
1 1/4 x 3	15.300	306.00
1 1/4 x 4	20.400	408.00
1 1/4 x 6	30.600	612.00
1 1/4 x 8	40.800	816.00
2 x 3	20.400	408.00
2 x 4	27.200	544.00

SEE: Universal Mill Plates for widths over 8"
 INQUIRE REGARDING: Special sizes, special lengths, special grades and galvanized

UNIVERSAL MILL PLATES

A-36

Inquire about Gr. 50 and Gr. 55

Size	Lbs./Ft.	Lbs./20'
1/4 x 9	7.66	153.20
1/4 x 10	8.51	170.20
1/4 x 11	9.36	187.20
1/4 x 12	10.21	204.20
5/16 x 9	9.57	191.40
5/16 x 10	10.63	212.60
5/16 x 11	11.70	234.00
5/16 x 12	12.76	255.20
3/8 x 9	11.49	229.80
3/8 x 10	12.77	255.40
3/8 x 11	14.04	280.80
3/8 x 12	15.32	306.40
3/8 x 14	17.85	357.00
1/2 x 9	15.32	306.40
1/2 x 10	17.02	340.40
1/2 x 11	18.79	375.80
1/2 x 12	20.42	408.40
1/2 x 14	23.80	476.00
5/8 x 9	19.15	383.00
5/8 x 10	21.27	425.40
5/8 x 12	25.53	510.60
3/4 x 9	22.97	459.40
3/4 x 10	25.52	510.60
3/4 x 12	30.63	612.60
3/4 x 14	35.70	714.00
1 x 9	30.63	612.60
1 x 10	34.00	680.00
1 x 12	40.84	816.60
1 x 14	47.60	952.00
1 1/4 x 10	42.54	850.82
1 1/4 x 11	46.80	935.92
1 1/4 x 12	51.05	1021.00
1 1/4 x 14	59.50	1190.00

ANGLES - BAR SIZE

A-36

Inquire about Gr. 50

		Size				Lbs./Ft/	Lbs./20'
A		B		C			
1/2	x	1/2	x	1/8		0.38	7.60
3/4	x	3/4	x	1/8		0.59	11.80
1	x	1	x	1/8		0.80	16.00
1	x	1	x	3/16		1.16	23.20
1	x	1	x	1/4		1.49	29.80
1 1/4	x	1 1/4	x	1/8		1.01	20.20
1 1/4	x	1 1/4	x	3/16		1.48	29.60
1 1/4	x	1 1/4	x	1/4		1.92	38.40
1 1/2	x	1 1/2	x	1/8		1.23	24.60
1 1/2	x	1 1/2	x	3/16		1.80	36.00
1 1/2	x	1 1/2	x	1/4		2.34	46.80
1 3/4	x	1 3/4	x	1/8		1.44	28.80
1 3/4	x	1 3/4	x	3/16		2.12	42.40
1 3/4	x	1 3/4	x	1/4		2.77	55.40
2	x	1 1/4	x	3/16		1.96	39.20
2	x	1 1/4	x	1/4		2.55	51.00
2	x	1 1/4	x	1/8		1.44	28.80
2	x	1 1/2	x	3/16		2.12	42.40
2	x	1 1/2	x	1/4		2.77	55.40
2	x	2	x	1/8		1.65	33.00
2	x	2	x	3/16		2.44	48.80
2	x	2	x	1/4		3.19	63.80
2	x	2	x	5/16		3.92	78.40
2	x	2	x	3/8		4.70	94.00
2 1/2	x	1 1/2	x	3/16		2.44	48.80
2 1/2	x	1 1/2	x	1/4		3.19	63.80
2 1/2	x	2	x	3/16		2.75	55.00
2 1/2	x	2	x	1/4		3.62	72.40
2 1/2	x	2	x	5/16		4.50	90.00
2 1/2	x	2	x	3/8		5.30	106.00
2 1/2	x	2 1/2	x	3/16		3.07	61.40
2 1/2	x	2 1/2	x	1/4		4.10	82.00
2 1/2	x	2 1/2	x	5/16		5.00	100.00
2 1/2	x	2 1/2	x	3/8		5.90	118.00
2 1/2	x	2 1/2	x	1/2		7.70	154.00

ANGLES - STRUCTURAL

A-36

Inquire about Gr. 50

		Size				Lbs./Ft/	Lbs./20'
A		B		C			
3	x	2	x	3/16		3.07	61.40
3	x	2	x	1/4		4.10	82.00
3	x	2	x	5/16		5.00	100.00
3	x	2	x	3/8		5.90	118.00
3	x	2	x	1/2		7.70	154.00
3	x	2 1/2	x	3/16		3.39	67.80
3	x	2 1/2	x	1/4		4.50	90.00
3	x	2 1/2	x	5/16		5.60	112.00
3	x	2 1/2	x	3/8		6.60	132.00
3	x	3	x	3/16		3.71	74.20
3	x	3	x	1/4		4.90	98.00
3	x	3	x	5/16		6.10	122.00
3	x	3	x	3/8		7.20	144.00
3	x	3	x	1/2		9.40	188.00
3 1/2	x	2 1/2	x	1/4		4.90	98.00
3 1/2	x	2 1/2	x	5/16		6.10	122.00
3 1/2	x	2 1/2	x	3/8		7.20	144.00
3 1/2	x	2 1/2	x	1/2		9.40	188.00
3 1/2	x	3	x	1/4		5.40	108.00
3 1/2	x	3	x	5/16		6.60	132.00
3 1/2	x	3	x	3/8		7.90	158.00
3 1/2	x	3	x	1/2		10.20	204.00
3 1/2	x	3 1/2	x	1/4		5.80	116.00
3 1/2	x	3 1/2	x	5/16		7.20	144.00
3 1/2	x	3 1/2	x	3/8		8.50	170.00
3 1/2	x	3 1/2	x	1/2		11.10	222.00
4	x	3	x	1/4		5.80	116.00
4	x	3	x	5/16		7.20	144.00
4	x	3	x	3/8		8.50	170.00
4	x	3	x	1/2		11.10	222.00
4	x	3 1/2	x	1/4		6.20	124.00
4	x	3 1/2	x	5/16		7.70	154.00
4	x	3 1/2	x	3/8		9.10	182.00
4	x	3 1/2	x	1/2		11.90	238.00
4	x	4	x	1/5		6.60	132.00
4	x	4	x	5/16		8.20	164.00
4	x	4	x	3/8		9.80	196.00
4	x	4	x	1/2		12.80	256.00
4	x	4	x	5/8		15.70	314.00
4	x	4	x	3/4		18.50	370.00

ANGLES - STRUCTURAL

A-36

Inquire about Gr. 50

		Size				Lbs./Ft/	Lbs./20'
A		B		C			
5	x	3	x	1/7		6.60	132.00
5	x	3	x	5/16		8.20	164.00
5	x	3	x	3/8		9.80	196.00
5	x	3	x	1/2		12.80	256.00
5	x	3 1/2	x	1/4		7.00	140.00
5	x	3 1/2	x	5/16		8.70	174.00
5	x	3 1/2	x	3/8		10.40	208.00
5	x	3 1/2	x	1/2		13.60	272.00
5	x	5	x	5/16		10.30	206.00
5	x	5	x	3/8		12.30	246.00
5	x	5	x	1/2		16.20	624.00
5	x	5	x	5/8		20.00	400.00
6	x	3 1/2	x	1/4		7.90	158.00
6	x	3 1/2	x	5/16		9.80	196.00
6	x	3 1/2	x	3/8		11.70	234.00
6	x	3 1/2	x	1/2		15.30	306.00
6	x	4	x	5/16		10.30	206.00
6	x	4	x	3/8		12.30	246.00
6	x	4	x	1/2		16.20	324.00
6	x	4	x	5/8		20.00	400.00
6	x	4	x	3/4		23.60	472.00
6	x	6	x	5/16		12.40	248.00
6	x	6	x	3/8		14.90	298.00
6	x	6	x	1/2		19.60	392.00
6	x	6	x	5/8		24.20	484.00
6	x	6	x	3/4		28.70	574.00
6	x	6	x	1		37.40	748.00
7	x	4	x	3/8		13.60	272.00
7	x	4	x	1/2		17.90	358.00
8	x	4	x	1/2		19.60	392.00
8	x	4	x	3/4		28.70	547.00
8	x	6	x	1/2		23.00	460.00
8	x	6	x	5/8		28.40	568.00
8	x	6	x	3/4		33.80	6776.00
8	x	6	x	1		44.20	884.00
8	x	8	x	1/2		26.40	528.00
8	x	8	x	3/4		38.90	778.00
8	x	8	x	1		51.00	1020.00

AVAILABLE IN: 20' and 40' Lengths

STRUCTURAL CHANNEL

ASTM A-36 / A-571-Gr. 50

LIMITED Stocking 30', 50' and 60'

Size	Lbs./Ft	Flange Width	Web Thickness	Lbs./20'	Lbs./40'
A		B	C		
3 (Light Wt.)	3.50	1.375	0.145	70	140
3	4.10	1.410	1.700	82	164
3	5.00	1.498	0.258	100	200
3	6.00	1.596	0.356	120	240
4 (Light Wt.)	4.50	1.584	0.158	90	180
4	5.40	1.580	0.180	108	216
4	6.25	1.647	0.247	125	250
4	7.25	1.720	0.320	145	290
5	6.70	1.750	0.190	134	268
5	9.00	1.885	0.325	180	360
6	8.20	1.920	0.200	164	328
6	10.50	2.034	0.314	210	420
6	13.00	2.157	0.437	260	520
7	9.80	2.090	0.210	196	392
7	12.25	2.194	0.303	245	490
8	8.50	1.875	0.180	170	340
8	11.50	2.260	0.220	230	460
8	13.75	2.343	0.303	275	550
8	18.75	2.527	0.487	375	750
9	13.40	2.430	0.230	268	536
10	15.30	2.600	0.240	306	612
10	20.00	2.739	0.379	400	800
10	25.00	2.886	0.526	500	1000
12	20.70	2.940	0.280	414	828
12	25.00	3.047	0.387	500	1000
12	30.00	3.170	0.510	600	1200
15	33.90	3.400	0.400	678	1356
15	40.00	3.520	0.520	800	1600
15	50.00	3.716	0.716	1000	2000
18	42.70	3.950	0.450	854	1708

CHANNEL - BAR SIZE

ASTM A-36

Size					Lbs./Ft/	Lbs./20'
A		B		C		
1	x	1/2	x	1/8	0.84	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	9/16	x	3/16	1.44	28.80
2	x	1/2	x	1/8	1.43	28.60
2	x	9/16	x	3/16	1.86	37.20
2	x	1	x	1/8	1.59	31.80
2	x	1	x	3/16	2.32	46.40
2 1/2	x	5/8	x	3/16	2.27	45.40

CHANNELS - SHIP and CAR

ASTM A-36 / A-992 / A-572-Gr. 50

Size	Lbs./Ft	Flange Width	Web Thickness	Lbs./20'	Lbs./40'
A		B	C		
4"	13.80	2.500	0.500	276	552
6"	12.00	2.497	0.310	240	480
7"	14.75	2.299	0.487	295	590
8"	18.70	2.987	0.353	374	748

JUNIOR CHANNELS

Stair Stringer Channels - A-36

Size	Lbs./Ft	Flange Width	Web Thickness	Lbs./20'
A		B	C	
10	6.50	1.125	0.150	130.00
10	8.40	1.500	0.170	168.00
12	10.60	1.500	0.190	212.00

#1606L HANDRAIL CAP CHANNEL

A-36

Size	Lbs./Ft	Flange Width	Web Thickness	Lbs./20'
A		B	C	
1 1/16 (I.D.)	1.270	0.180	0.200	25.40

WIDE FLANGE BEAMS

ASTM A-992

Nominal Size in Inches	Lbs. /Ft	Depth of Section in Inches	Flange Width in Inches	Flange Thickness in Inches	Web Thickness in Inches
		A	B	C	D
4 x 4	13.0	4.16	4.060	0.345	0.280
5 x 5	16.0	5.00	5.000	0.360	0.240
6 x 4	9.0	5.90	3.940	0.215	0.170
6 x 4	12.0	6.00	4.030	0.279	0.230
6 x 4	16.0	6.28	4.030	0.405	0.260
6 x 6	15.0	5.99	4.990	0.260	0.230
6 x 6	20.0	6.20	6.018	0.367	0.258
6 x 6	25.0	6.37	6.080	0.456	0.320
8 x 4	10.0	7.90	3.940	0.204	0.170
8 x 4	13.0	8.00	4.000	0.254	0.230
8 x 4	15.0	8.12	4.015	0.314	0.245
8 x 5 1/4	18.0	8.14	5.250	0.330	0.230
8 x 5 1/4	21.0	8.28	5.270	0.400	0.250
8 x 6 1/2	24.0	7.93	9.500	0.398	0.245
8 x 6 1/2	28.0	8.06	9.540	0.463	0.285
8 x 8	31.0	8.00	8.000	0.433	0.288
8 x 8	35.0	8.12	8.027	0.493	0.315
8" H Piling	36.0	8.02	8.155	0.445	0.445
8 x 8	40.0	8.25	8.077	0.558	0.365
8 x 8	48.0	8.50	8.117	0.683	0.405
8 x 8	58.0	8.75	8.220	0.810	0.510
8 x 8	67.0	9.00	8.280	0.935	0.570
10 x 4	12.0	9.87	3.960	0.210	0.190
10 x 4	15.0	10.00	4.000	0.269	0.230
10 x 4	17.0	10.12	4.010	0.329	0.240
10 x 4	19.0	10.25	4.020	0.394	0.250
10 x 5 3/4	22.0	10.17	5.750	0.360	0.240
10 x 5 3/4	26.0	10.33	5.770	0.440	0.260
10 x 5 3/4	30.0	10.47	5.810	0.510	0.300
10 x 8	33.0	9.75	7.964	0.433	0.292
10 x 8	39.0	9.94	7.990	0.528	0.318
10 x 8	45.0	10.12	8.022	0.618	0.350
10" H Piling	42.0	9.70	10.750	0.420	0.415
10 x 10	49.0	10.00	10.000	0.588	0.340
10 x 10	54.0	10.09	10.030	0.615	0.370
10 x 10	60.0	10.22	10.080	0.680	0.420
10 x 10	68.0	10.40	10.130	0.770	0.470
12 x 4	14.0	11.91	3.970	0.224	0.200
12 x 4	16.0	11.99	3.990	0.265	0.220
12 x 4	19.0	12.16	4.010	0.349	0.240
12 x 4	22.0	12.31	4.030	0.424	0.260

WIDE FLANGE BEAMS

ASTM A-992

Nominal Size in Inches	Lbs./Ft.	Wt. Lbs./20'	Wt. Lbs./30'	Wt. Lbs./40'	Wt. Lbs./50'	Wt. Lbs./60'
4 x 4	13.0	260	390	520	650	780
5 x 5	16.0	320	480	640	800	960
6 x 4	9.0	180	270	360	450	540
6 x 4	12.0	240	360	480	600	720
6 x 4	16.0	320	480	640	800	960
6 x 6	15.0	300	450	600	750	900
6 x 6	20.0	400	600	800	1000	1200
6 x 6	25.0	500	750	1000	1250	1500
8 x 4	10.0	200	300	400	500	600
8 x 4	13.0	260	390	520	650	780
8 x 4	15.0	300	450	600	750	900
8 x 5 1/4	18.0	360	540	720	900	1080
8 x 5 1/4	21.0	420	630	840	1050	1260
8 x 6 1/2	24.0	480	720	960	1200	1440
8 x 6 1/2	28.0	560	840	1120	1400	1680
8 x 8	31.0	620	930	1240	1550	1860
8 x 8	35.0	700	1050	1400	1750	2100
8" H Piling	36.0	720	1080	1440	1800	2160
8 x 8	40.0	800	1200	1600	2000	2400
8 x 8	48.0	960	1440	1920	2400	2880
8 x 8	58.0	1160	1740	2320	2900	3480
8 x 8	67.0	1340	2010	2680	3350	4020
10 x 4	12.0	240	360	480	600	720
10 x 4	15.0	300	450	600	750	900
10 x 4	17.0	340	510	680	850	1020
10 x 4	19.0	380	570	760	950	1140
10 x 5 3/4	22.0	440	660	880	1100	1320
10 x 5 3/4	26.0	520	780	1040	1300	1560
10 x 5 3/4	30.0	600	900	1200	1500	1800
10 x 8	33.0	660	990	1320	1650	1980
10 x 8	39.0	780	1170	1560	1950	2340
10 x 8	45.0	900	1350	1800	2250	2700
10" H Piling	42.0	840	1260	1680	2100	2520
10 x 10	49.0	980	1470	1960	2450	2940
10 x 10	54.0	1080	1620	2160	2700	3240
10 x 10	60.0	1200	1800	2400	3000	3600
10 x 10	68.0	1360	2040	2720	3400	4080
12 x 4	14.0	280	420	560	700	840
12 x 4	16.0	320	480	640	800	960
12 x 4	19.0	380	570	760	950	1140
12 x 4	22.0	440	660	880	1100	1320

WIDE FLANGE BEAMS

ASTM A-992

Nominal Size in Inches	Lbs. /Ft	Depth of Section in Inches	Flange Width in Inches	Flange Thickness in Inches	Web Thickness in Inches
		A	B	C	D
12 x 6 ½	26.0	12.22	6.490	0.380	0.230
12 x 6 ½	30.0	12.34	6.520	0.440	0.260
12 x 6 ½	35.0	12.50	6.560	0.520	0.300
12 x 8	40.0	11.94	8.000	0.516	0.394
12 x 8	45.0	12.06	8.042	0.576	0.336
12 x 8	50.0	12.19	8.077	0.640	0.371
12 x 10	53.0	12.06	9.995	0.757	0.345
12 x 10	58.0	12.19	10.010	0.640	0.360
14 x 5	22.0	13.72	5.000	0.335	0.230
14 x 5	26.0	13.89	5.025	0.418	0.255
14 x 6 ¾	30.0	13.86	6.733	0.383	0.270
14 x 6 ¾	34.0	14.00	6.750	0.453	0.287
14 x 6 ¾	38.0	14.10	6.770	0.515	0.310
14 x 8	43.0	13.68	8.000	0.528	0.308
14 x 8	53.0	13.92	8.060	0.660	0.370
14 x 10	61.0	13.89	9.995	0.645	0.375
14 x 10	68.0	14.04	10.035	0.720	0.415
16 x 5 ½	26.0	15.65	5.500	0.345	0.250
16 x 5 ½	31.0	15.84	5.525	0.442	0.275
16 x 7	36.0	15.85	6.999	0.428	0.299
16 x 7	40.0	16.00	7.000	0.503	0.307
16 x 7	45.0	16.13	7.035	0.565	0.345
16 x 7	50.0	16.25	7.073	0.628	0.380
16 x 7	57.0	16.43	7.120	0.715	0.430
18 x 6	35.0	17.71	6.000	0.429	0.298
18 x 6	40.0	17.90	6.018	0.524	0.316
18 x 6	46.0	18.06	6.060	0.605	0.360
18 x 7 ½	50.0	18.00	7.500	0.570	0.358
18 x 7 ½	55.0	18.12	7.532	0.630	0.390
21 x 6 ½	44.0	20.66	6.500	0.451	0.348
21 x 6 ½	50.0	20.83	6.530	0.535	0.380
21 x 6 ½	57.0	21.06	6.555	0.650	0.405
21 x 8 ¼	62.0	20.99	8.240	3615.000	0.400
21 x 8 ¼	68.0	21.13	8.270	0.685	0.430
24 x 7	55.0	23.63	7.000	0.500	0.395
24 x 7	62.0	23.74	7.040	0.590	0.430
24 x 9	68.0	23.73	8.965	0.585	0.415
24 x 9	76.0	23.92	8.990	0.680	0.440

WIDE FLANGE BEAMS

ASTM A-992

Nominal Size in Inches	Lbs./Ft.	Wt. Lbs./20'	Wt. Lbs./30'	Wt. Lbs./40'	Wt. Lbs./50'	Wt. Lbs./60'
12 x 6 ½	26.0	520	780	1040	1300	1560
12 x 6 ½	30.0	600	900	1200	1500	1800
12 x 6 ½	35.0	700	1050	1400	1750	2100
12 x 8	40.0	800	1200	1600	2000	2400
12 x 8	45.0	900	1350	1800	2250	2700
12 x 8	50.0	1000	1500	2000	2500	3000
12 x 10	53.0	1060	1590	2120	2650	3180
12 x 10	58.0	1160	1740	2320	2900	3480
14 x 5	22.0	440	660	880	1100	1320
14 x 5	26.0	420	780	1040	1300	1560
14 x 6 ¾	30.0	600	900	1200	1500	1800
14 x 6 ¾	34.0	680	1020	1360	1700	2040
14 x 6 ¾	38.0	760	1140	1520	1900	2280
14 x 8	43.0	860	1290	1720	2150	2580
14 x 8	53.0	1060	1590	2120	2650	3180
14 x 10	61.0	1220	1830	2440	3050	3660
14 x 10	68.0	1360	2040	2720	3400	4080
16 x 5 ½	26.0	520	780	1040	1300	1560
16 x 5 ½	31.0	620	930	1240	1550	1860
16 x 7	36.0	720	1080	1440	1800	2160
16 x 7	40.0	800	1200	1600	2000	2400
16 x 7	45.0	900	1350	1800	2250	2700
16 x 7	50.0	1000	1500	2000	2500	3000
16 x 7	57.0	1140	1710	2280	2850	3420
18 x 6	35.0	700	1050	1400	1750	2100
18 x 6	40.0	800	1200	1600	2000	2400
18 x 6	46.0	920	1380	1840	2300	2760
18 x 7 ½	50.0	1000	1500	2000	2500	3000
18 x 7 ½	55.0	1100	1650	2200	2750	3300
21 x 6 ½	44.0	880	1320	1760	2200	2640
21 x 6 ½	50.0	1000	1500	2000	2500	3000
21 x 6 ½	57.0	1140	1710	2280	2850	3420
21 x 8 ¼	62.0	1240	1860	2480	3100	3720
21 x 8 ¼	68.0	1360	2040	2720	3400	4080
24 x 7	55.0	1100	1650	2200	2750	3300
24 x 7	62.0	1240	1860	2480	3100	3720
24 x 9	68.0	1360	2040	2720	3400	4080
24 x 9	76.0	1520	2280	3040	3800	4560

JUNIOR BEAMS

ASTM A-992 Gr. 50

Size	Lbs./Ft.	Flange Width	Web Thickness	Lbs. /20'	Lbs. /40'	Lbs. /50'	Lbs. /60'
A		B	C				
6	4.40	1.844	0.114	88	176	220	264
8	6.50	2.281	0.135	130	260	325	390
10	9.00	2.688	0.155	180	360	450	540
12	11.80	3.063	0.175	236	472	590	708

I BEAMS – STRUCTURAL

ASTM A-992 Gr. 50

Size	Lbs./Ft.	Flange Width	Web Thickness	Lbs. /20'	Lbs. /40'	Lbs. /50'	Lbs. /60'
A		B	C				
3	5.70	2.330	0.170	114	228	285	342
3	7.50	2.509	0.349	150	300	375	450
4	7.70	2.663	0.193	154	308	385	462
5	10.00	3.004	0.214	200	400	500	600
6	12.50	3.332	0.230	250	500	625	750
6	17.25	3.565	0.465	345	690	863	1035
8	18.40	4.000	0.270	368	736	920	1104
8	23.00	4.171	0.441	460	920	1150	1380
10	25.40	4.660	0.310	508	1016	1270	1524
10	35.00	4.944	0.594	700	1400	1750	2100
12	31.80	5.000	0.500	636	1272	1590	1908
15	42.90	5.500	0.411	858	1716	2145	2574
20	66.00	6.255	0.505	1320	2640	3300	3960

PLATE

Commercial Quality- A-36 / A-572 Gr. 50 / A-516 Gr. 70

Inquire about other Grades

3/16"	7.66#/Sq. Ft.	1/4"	10.21#/ Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
36" x 96"	184	36" x 96"	245
36" x 120"	230	36" x 120"	307
36" x 144"	276	36" x 144"	368
48" x 96"	245	48" x 96"	327
48" x 120"	306	48" x 120"	408
48" x 144"	368	48" x 144"	490
48" x 240"	613	48" x 240"	817
48" x 480"	1226	48" x 480"	1634
60" x 96"	306	60" x 96"	408
60" x 120"	383	60" x 120"	511
60" x 144"	460	60" x 144"	613
60" x 240"	766	60" x 240"	1021
60" x 480"	1532	60" x 480"	2042
72" x 96"	368	72" x 96"	490
72" x 120"	460	72" x 120"	613
72" x 144"	552	72" x 144"	735
72" x 240"	919	72" x 240"	1225
72" x 480"	838	72" x 480"	2450
72" x 720"	2758	72" x 720"	3675
84" x 96"	429	84" x 96"	572
84" x 120"	536	84" x 120"	715
84" x 144"	643	84" x 144"	858
84" x 240"	1072	84" x 240"	1430
84" x 480"	2144	84" x 480"	2859
84" x 720"	3217	84" x 720"	4288
96" x 96"	490	96" x 96"	653
96" x 120"	613	96" x 120"	817
96" x 144"	735	96" x 144"	980
96" x 240"	1226	96" x 240"	1634
96" x 480"	2451	96" x 480"	3268
96" x 720"	3677	96" x 720"	4901
120" x 240"	1532	120" x 240"	2042
		120" x 480"	4084

PLATE

Commercial Quality- A-36 / A-572 Gr. 50 / A-516 Gr. 70

Inquire about other Grades

5/16"	12.76#/Sq. Ft.	3/8"	15.32#/ Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
48" x 96"	408	48" x 96"	490
48" x 120"	510	48" x 120"	613
48" x 144"	612	48" x 144"	735
48" x 240"	1021	48" x 240"	1226
60" x 96"	510	60" x 96"	613
60" x 120"	638	60" x 120"	766
60" x 144"	766	60" x 144"	919
60" x 240"	1276	60" x 240"	1532
60" x 480"	2552	60" x 480"	3064
72" x 96"	612	72" x 96"	735
72" x 120"	766	72" x 120"	919
72" x 144"	919	72" x 144"	1103
72" x 240"	1531	72" x 240"	1838
72" x 480"	3062	72" x 480"	3676
72" x 600"	3828	72" x 600"	4596
72" x 720"	4594	72" x 720"	5515
84" x 96"	715	84" x 96"	858
84" x 120"	893	84" x 120"	1072
84" x 144"	1072	84" x 144"	1287
84" x 240"	1786	84" x 240"	2145
84" x 480"	3572	84" x 480"	4290
84" x 600"	4466	84" x 600"	5362
84" x 720"	5359	84" x 720"	6434
96" x 96"	817	96" x 96"	980
96" x 120"	1021	96" x 120"	1226
96" x 144"	1225	96" x 144"	1471
96" x 240"	2041	96" x 240"	2451
96" x 480"	4082	96" x 480"	4902
96" x 600"	5104	96" x 600"	6128
96" x 720"	6124	96" x 720"	7354
120" x 240"	2552	120" x 240"	3064
120" x 480"	5104	120" x 480"	6128

PLATE

Commercial Quality- A-36 / A-572 Gr. 50 / A-516 Gr. 70

Inquire about other Grades

1/2"	20.42#/Sq. Ft.	5/8"	25.53#/ Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
48" x 96"	653	48" x 96"	817
48" x 120"	817	48" x 120"	1021
48" x 144"	980	48" x 144"	1225
48" x 240"	1634	48" x 240"	2042
60" x 96"	817	60" x 96"	1021
60" x 120"	1021	60" x 120"	1277
60" x 144"	1225	60" x 144"	1532
60" x 240"	2042	60" x 240"	2553
60" x 480"	4084	60" x 480"	5106
72" x 96"	980	72" x 96"	1225
72" x 120"	1225	72" x 120"	1532
72" x 144"	1470	72" x 144"	1838
72" x 240"	2450	72" x 240"	3064
72" x 480"	4901	72" x 480"	6127
72" x 600"	6126	72" x 600"	7659
72" x 720"	7351	72" x 720"	9191
84" x 96"	1144	84" x 96"	1430
84" x 120"	1430	84" x 120"	1787
84" x 144"	1715	84" x 144"	2145
84" x 240"	2859	84" x 240"	3574
84" x 480"	5718	84" x 480"	7148
84" x 720"	8577	84" x 720"	10722
96" x 96"	1307	96" x 96"	1634
96" x 120"	1634	96" x 120"	2042
96" x 144"	1960	96" x 144"	2451
96" x 240"	3267	96" x 240"	4084
96" x 480"	6534	96" x 480"	8170
96" x 600"	8168	96" x 600"	10212
96" x 720"	9801	96" x 720"	12255
120" x 240"	4084	120" x 240"	5106
120" x 480"	8168	120" x 480"	10212

PLATE

Commercial Quality- A-36 / A-572 Gr. 50 / A-516 Gr. 70

Inquire about other Grades

¾"	30.63#/Sq. Ft.	1"	40.84#/ Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
48" x 96"	980	48" x 96"	1307
48" x 120"	1225	48" x 120"	1634
48" x 144"	1470	48" x 144"	1960
48" x 240"	2450	48" x 240"	3267
60" x 96"	1225	60" x 96"	1634
60" x 120"	1532	60" x 120"	2042
60" x 144"	1838	60" x 144"	2450
60" x 240"	3063	60" x 240"	4084
60" x 480"	6126	60" x 480"	8168
72" x 96"	1470	72" x 96"	1960
72" x 120"	1838	72" x 120"	2450
72" x 144"	2205	72" x 144"	2940
72" x 240"	3676	72" x 240"	4901
72" x 480"	7351	72" x 480"	9802
72" x 600"	9189		
72" x 720"	10927		
84" x 96"	1715	84" x 96"	2287
84" x 120"	2144	84" x 120"	2859
84" x 144"	2573	84" x 144"	3431
84" x 240"	4288	84" x 240"	5718
84" x 480"	8576	84" x 480"	11435
84" x 720"	12864		
96" x 96"	1960	96" x 96"	2614
96" x 120"	2450	96" x 120"	3267
96" x 144"	2940	96" x 144"	3921
96" x 240"	4901	96" x 240"	6534
96" x 480"	9802	96" x 480"	13069
96" x 600"	12252		
96" x 720"	14703		
120" x 240"	6126	120" x 240"	8168
120" x 480"	12352	120" x 480"	16236

PLATE

Commercial Quality- A-36 / A-572 Gr. 50 / A-516 Gr. 70

Inquire about other Grades

1 ¼"	51.05#/Sq. Ft.	1 ½"	61.26#/ Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
48" x 96"	1634	48" x 96"	1960
48" x 120"	2042	48" x 120"	2450
48" x 144"	2450	48" x 144"	2940
48" x 240"	4084	48" x 240"	4901
60" x 96"	2042	60" x 96"	2540
60" x 120"	2553	60" x 120"	3063
60" x 144"	3063	60" x 144"	3676
60" x 240"	5105	60" x 240"	6126
60" x 480"	10210	60" x 480"	12252
72" x 96"	2450	72" x 96"	2940
72" x 120"	3063	72" x 120"	3676
72" x 144"	3676	72" x 144"	4411
72" x 240"	6126	72" x 240"	7351
72" x 480"	12252	72" x 480"	14702
84" x 96"	2859	84" x 96"	3431
84" x 120"	3574	84" x 120"	4288
84" x 144"	4288	84" x 144"	5146
84" x 240"	7147	84" x 240"	8576
96" x 96"	3267	96" x 96"	3921
96" x 120"	4084	96" x 120"	4901
96" x 144"	4901	96" x 144"	5881
96" x 240"	8168	96" x 240"	9802
96" x 480"	16336	96" x 480"	19603
120" x 240"	10210	120" x 240"	12252

PLATE

Commercial Quality- A-36 / A-572 Gr. 50 / A-516 Gr. 70

Inquire about other Grades

2"	81.68#/Sq. Ft.	2 1/2"	102.1#/ Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
48" x 96"	2614	48" x 96"	3267
48" x 120"	3267	48" x 120"	4084
48" x 144"	3921	48" x 144"	4901
48" x 240"	6534	48" x 240"	8168
48" x 480"	13069	48" x 480"	16336
60" x 96"	3267	60" x 96"	4084
60" x 120"	4084	60" x 120"	5105
60" x 144"	4901	60" x 144"	6126
60" x 240"	8168	60" x 240"	10210
60" x 480"	16336	60" x 480"	20420
72" x 96"	3921	72" x 96"	4901
72" x 120"	4901	72" x 120"	6126
72" x 144"	5881	72" x 144"	7351
72" x 240"	9802	72" x 240"	12252
72" x 480"	19603	72" x 480"	24504
84" x 96"	4574	84" x 96"	5718
84" x 120"	5718	84" x 120"	7147
84" x 144"	6861	84" x 144"	8576
84" x 240"	11435	84" x 240"	14294
96" x 96"	5228	96" x 96"	6534
96" x 120"	6534	96" x 120"	8168
96" x 144"	7841	96" x 144"	9804
96" x 240"	13069	96" x 240"	16336
120" x 240"	16336	120" x 240"	20420

PLATE

Commercial Quality- A-36 / A-572 Gr. 50 / A-516 Gr. 70

Inquire about other Grades

3"	122.5#/Sq. Ft.	4"	163.36#/ Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
48" x 96"	3920	48" x 96"	5228
48" x 120"	4900	48" x 120"	6543
48" x 144"	5880	48" x 144"	7841
48" x 240"	9800	48" x 240"	13069
60" x 96"	4900	60" x 96"	6534
60" x 120"	6125	60" x 120"	8168
60" x 144"	7350	60" x 144"	9802
60" x 240"	12250	60" x 240"	16336
72" x 96"	5880	72" x 96"	7841
72" x 120"	7350	72" x 120"	9802
72" x 144"	8820	72" x 144"	11762
72" x 240"	14700	72" x 240"	19604
84" x 96"	6860	84" x 96"	9148
84" x 120"	8575	84" x 120"	11435
84" x 144"	10290	84" x 144"	13722
84" x 240"	17150	84" x 240"	22870
96" x 96"	7840	96" x 96"	10455
96" x 120"	9800	96" x 120"	13069
96" x 144"	11760	96" x 144"	15683
96" x 240"	19600	96" x 240"	26138

5"	204.2#/Sq. Ft.	6"	245.05#/Sq. Ft.
Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
48" x 96"	6534	48" x 96"	7842
48" x 120"	8168	48" x 120"	9801
72" x 120"	12252	72" x 120"	14703
96" x 120"	16336	96" x 120"	19602

HOT ROLLED SHEETS

Commercial Quality C5-B/A-36/GR 50

Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
7 Ga. (.179")		10 Ga. (.1345")	
	7.500#/Sq. Ft.		5.625#/Sq. Ft.
36" x 96"	180.0	48" x 144"	337.5
36" x 120"	225.0	48" x 240"	562.5
36" x 144"	270.0		
		72" x 96"	270.0
48" x 96"	240.0	72" x 120"	337.5
48" x 120"	300.0	72" x 144"	405.0
48" x 144"	360.0	72" x 240"	675.0
48" x 240"	600.0		
		11 Ga. (.1196")	
			5.000#/Sq. Ft.
60" x 96"	300.0	36" x 96"	120.0
60" x 120"	375.0	36" x 120"	150.0
60" x 144"	450.0	36" x 144"	157.5
60" x 240"	750.0		
		48" x 96"	160.0
72" x 96"	360.0	48" x 120"	200.0
72" x 120"	450.0	48" x 144"	240.0
72" x 144"	540.0	48" x 240"	400.0
72" x 240"	900.0		
		60" x 96"	200.0
8 Ga. (.164")		60" x 120"	250.0
	6.875#/Sq. Ft.	60" x 144"	300.0
48" x 96"	220.0	60" x 240"	500.0
48" x 120"	275.0		
48" x 144"	330.0	72" x 96"	240.0
		72" x 120"	300.0
60" x 96"	275.0	72" x 144"	360.0
60" x 120"	343.8	72" x 240"	600.0
60" x 144"	412.5		
		12 Ga. (.1046")	
72" x 96"	330.0		4.375#/Sq. Ft.
72" x 120"	412.5	36" x 96"	105.0
72" x 144"	495.0	36" x 120"	131.3
		36" x 144"	157.5
10 Ga. (.1345")			
	5.625#/Sq. Ft.	48" x 96"	140.0
36" x 96"	135.0	48" x 120"	175.0
36" x 120"	168.8	48" x 144"	210.0
36" x 144"	202.5	48" x 240"	350.0
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
48" x 240"	450.0	60" x 240"	437.5
60" x 96"	225.0		
60" x 120"	281.3		

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HOT ROLLED SHEETS

Commercial Quality C5-B

COLD ROLLED SHEETS

Commercial Quality C5-B

Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
(continued from previous page)			
12 Ga. (.1046")		14 Ga. (.0747")	
	4.375#/Sq. Ft.		3.125#/Sq. Ft.
72" x 96"	210.0	36" x 96"	100.0
72" x 120"	262.5	36" x 120"	125.0
72" x 144"	615.0	36" x 144"	150.0
72" x 240"	525.0	48" x 96"	125.0
		48" x 120"	156.3
		48" x 144"	187.5
14 Ga. (.0747")			
	3.125#/Sq. Ft.	60" x 96"	150.0
36" x 96"	75.0	60" x 120"	187.5
36" x 120"	93.8	60" x 144"	225.0
36" x 144"	112.5		
48" x 96"	100.0	16 Ga. (.0598")	
48" x 120"	125.0		2.500#/Sq. Ft.
48" x 144"	150.0	36" x 96"	60.0
		36" x 120"	75.0
60" x 96"	125.0	36" x 144"	90.0
60" x 120"	156.3	48" x 96"	80.0
60" x 144"	187.5	48" x 120"	100.0
72" x 96"	150.0	48" x 144"	120.0
72" x 120"	187.5	60" x 96"	100.0
72" x 144"	225.0	60" x 120"	125.0
		60" x 144"	150.0
16 Ga. (.0598")			
	2.500#/Sq. Ft.	18 Ga. (.0478")	
36" x 96"	60.0		2.000#/Sq. Ft.
36" x 120"	75.0	36" x 96"	48.0
36" x 144"	90.0	36" x 120"	60.0
48" x 96"	80.0	48" x 96"	64.0
48" x 120"	100.0	48" x 120"	80.0
48" x 144"	120.0		
60" x 96"	100.0	20 Ga. (.0359")	
60" x 120"	125.0		1.500#/Sq. Ft.
60" x 144"	150.0	36" x 96"	36.0
		36" x 120"	45.0
		48" x 96"	48.0
		48" x 120"	60.0

INQUIRE REGARDING: Sizes or grades not listed.
 Grade 50 • Grade 60 • Grade 70 • Grade 80 • Grade 100
 AR200 • AR 400 • ARP&O • T-1 • A514 Gr. B • A514 Gr. S
 Galvanealed and Pickled & Oiled Sheet

SAFETY FLOOR PLATES

Width and Length	Estimated Wt. per Sheet	Width and Length	Estimated Wt. per Sheet
16 Ga.	3.00#/Sq. Ft.	3/16"	8.71#/Sq. Ft.
48" x 96"	96	72" x 96"	418
48" x 120"	120	72" x 120"	523
		72" x 144"	627
14 Ga.	3.75#/Sq. Ft.	72" x 240"	1045
48" x 96"	120		
48" x 120"	150	84" x 240"	1219
48" x 144"	180		
		96" x 240"	1394
12 Ga.	5.25#/Sq. Ft.		
48" x 96"	168	1/4"	11.26#/Sq. Ft.
48" x 120"	210	48" x 96"	360
48" x 144"	252	48" x 120"	450
		48" x 144"	541
60" x 96"	210	48" x 240"	901
60" x 120"	263		
60" x 144"	315	60" x 96"	450
		60" x 120"	563
1/8"	6.16#/Sq. Ft.	60" x 144"	676
48" x 96"	197	60" x 240"	1126
48" x 120"	246		
48" x 144"	296	72" x 96"	541
48" x 240"	493	72" x 120"	676
		72" x 144"	811
60" x 96"	246	72" x 240"	1351
60" x 120"	308		
60" x 144"	370	84" x 240"	1576
60" x 240"	616		
		96" x 240"	1802
72" x 96"	296		
72" x 120"	370	3/8"	16.37#/Sq. Ft.
72" x 144"	443	48" x 96"	524
72" x 240"	739	48" x 120"	655
		48" x 144"	786
3/16"	8.71#/Sq. Ft.		
48" x 96"	279	60" x 96"	819
48" x 120"	348	60" x 120"	982
48" x 144"	418		
48" x 240"	697	1/2"	21.47#/Sq. Ft.
		48" x 96"	687
60" x 96"	348	48" x 120"	859
60" x 120"	436	48" x 144"	1031
60" x 144"	523		
60" x 240"	871		
(continued at top of next column)			

EXPANDED METAL

Style Designation	Lbs./Sq. Ft.	Size of Opening in Inches		Center to Center of Bridges in Inches		Size of Strands in Inches	
		Plain	Width	Length	Width	Length	Width
1/2" - 13	1.47	5/16	15/16	0.500	1.2	0.092	0.096
3/4" - 16 Hy	0.54	13/16	1 3/4	0.923	2.0	0.060	0.101
3/4" - 13	0.80	3/4	1 11/16	0.923	2.0	0.092	0.096
3/4" - 9	1.80	11/16	1 9/16	0.923	2.0	0.134	0.150
1 1/2" - 9	1.20	1 1/8	2 3/8	1.330	3.0	0.134	0.144
1 1/2" - 6	2.50	1	2 5/16	1.330	3.0	0.198	0.203

FLATTENED EXPANDED METAL

Style Designation	Lbs./Sq. Ft.	Size of Opening in Inches		Center to Center of Bridges in Inches		Size of Strands in Inches	
		Plain	Width	Length	Width	Length	Width
1/4" - 18 - 20	1.11	3/32	11/16	0.255	1.031	0.040	
1/2" - 18 - 20	0.66	9/32	1	0.500	1.260	0.039	
1/2" - 16 - 18	0.82	1/4	1	0.500	1.260	0.050	
1/2" - 13 - 15	1.40	1/4	1	0.500	1.260	0.070	
3/4" - 16 - 18 Hy	0.51	3/4	1 3/4	0.923	2.100	0.048	
3/4" - 13 - 15	0.75	11/16	1 25/32	0.923	2.100	0.070	
3/4" - 9 - 11	1.71	9/16	1 11/16	0.923	2.100	0.120	
1 1/2" - 13 - 15	0.57	1 1/16	2 3/4	1.330	3.200	0.070	
1 1/2" - 9 - 11	1.14	1	2 9/16	1.330	3.200	0.110	

WALKWAY, SKYWALK, and GRATING

Style Designation	Lbs./Sq. Ft.	Size of Opening in Inches		Center to Center of Bridges in Inches		Size of Strands in Inches	
		Plain	Width	Length	Width	Length	Width
Walkway	4.27 lb.	1	2 7/8	1.412	4.00	0.250	0.300
Skywalk	3.14 lb.	1 5/8	4 7/8	2.000	6.00	0.250	0.312
3.0 lb. Grating	3.00	15/16	3 7/16	1.333	5.33	0.183	0.264
4.0 lb. Grating	4.00	15/16	3 7/16	1.333	5.33	0.215	0.300
5.0 lb. Grating	5.00	13/16	3 3/8	1.333	5.33	0.250	0.331
6.25 lb. Grating	6.25	13/16	3 3/8	1.410	5.33	0.312	0.350

BAR GRATING

Serrated or Non Serrated, Available Painted Black, Inquire for other sizes

Style	Designation	Size	Lbs./Each
1 x 3/16	PTD. 19w4	3' x 20'	426
1 1/4 x 3/16	PTD. 19w4	3' x 20'	522
1 1/2 x 3/16	PTD. 19w4	3' x 20'	618

REINFORCING (REBAR)

Size	Bar No.	Lbs./Ft.	Lbs./20'	Lbs./40'
3/8	3	0.379	7.52	15.04
1/2	4	0.668	13.36	26.72
5/8	5	1.043	20.86	41.72
3/4	6	1.502	30.04	60.08
7/8	7	2.044	40.88	81.76
1	8	2.670	53.40	106.80
1 1/8	9	3.400	68.00	136.00
1 1/4	10	4.303	86.06	172.12
1 3/8	11	5.313	106.26	212.52

Pre-processing Services Available

To help better serve you and get your project done right, High Plains Steel Supply offers the following pre-processing services for an additional charge.

Automated High Definition, 'True Hole' Plasma Cutting

Plate and Sheet Shearing up to 1/2"

Press Braking

Automated Sawing

Automated Angle Cutting

Automated Beam Cutting

Automated Punching up to 175 tons

Paint Priming

Gauge Chart

	Sheet	Strip & Tubing	Aluminum	Stainless Steel
20 Ga.	0.0359	0.035	0.032	0.038
18 Ga.	0.0478	0.049	0.040	0.050
16 Ga.	0.0598	0.065	0.051	0.063
14 Ga.	0.0747	0.083	0.064	0.078
12 Ga.	0.1046	0.109	0.081	0.109
11 Ga.	0.1196	0.120	0.091	0.125
10 Ga.	0.1345	0.134	0.102	0.141

Decimal Equivalents

1/64	0.015625	33/64	0.515625
1/32	0.03125	17/32	0.53125
3/64	0.046875	35/64	0.546875
1/16	0.0625	9/19	0.5625
5/64	0.078125	37/64	0.578125
3/32	0.09375	19/32	0.59375
7/64	0.109375	39/64	0.609375
1/8	0.125	5/8	0.625
9/64	0.140625	41/64	0.640625
5/32	0.15625	21/32	0.65625
11/64	0.171875	43/64	0.671875
3/16	0.1875	11/16	0.6875
13/64	0.203125	45/64	0.703125
7/32	0.21875	23/32	0.71875
15/64	0.234375	47/64	0.735375
1/4	0.25	3/4	0.75
17/64	0.265625	49/64	0.765625
9/32	0.28125	25/32	0.78125
1/4	0.296875	51/64	0.796875
5/16	0.3125	13/16	0.8125
21/64	0.328125	53/64	0.828125
11/32	0.34375	27/32	0.84375
23/64	0.359375	55/64	0.859375
3/8	0.375	7/8	0.875
25/64	0.390625	57/64	0.890625
13/32	0.40625	29/32	0.90625
27/64	0.421875	59/64	0.921875
7/16	0.4375	15/16	0.9375
29/64	0.453125	61/64	0.953125
15/32	0.46875	31/32	0.96875
31/64	0.484375	1 2/61	0.984375
1/2	0.5	1	1

METRIC CONVERSION FACTORS

English to Metric

pounds	÷	2.2046	=	kilograms
tons	x	907.2	=	kilograms
inches	÷	0.0394	=	millimeters
inches	x	25.4	=	millimeters
inches	x	39.37	=	meters
feet	÷	3.281	=	meters
yards	÷	1.094	=	meters
sq. inches	÷	0.0016	=	sq. millimeters
sq. inches	x	645.16	=	sq. millimeters

ENGLISH TO METRIC EQUIVALENTS

Weights

1 pound	=	453.6 grams, or 0.4536 kilograms
		1.4882 kilograms per
1 lb. per foot	=	meter
1 net ton (2000 lbs.)	=	907.18 kilograms
1 gross ton (2240 lbs.)	=	1016 kilograms or 1.0160 metric tons
1 ounce per sq. ft.	=	305.15 grams or 0.30515 kilograms per sq. ft.
1 kilogram	=	2.2046 lbs.
	=	2204.6 lbs.
1 metric ton (1000 kg.)	=	1.10231 net tons
	=	0.98421 gross tons

Measures

1 inch	=	25.40 millimeters (mm)
1 sq. inch	=	645.16 square millimeters
1 sq. foot	=	0.092903 square meter
1 millimeter	=	0.03937 inch
1 sq. millimeter	=	0.00155 sq. inch
1 meter	=	3.2808 feet
	=	1.09361 yards
1 sq. meter	=	10.7639 sq. feet
	=	1.196 sq. yards

Useful Information

Circumference of a Circle	Diameter	x	3.142
Diameter of a Circle	Circumference	x	0.31931
Area of a Circle	Square of Diameter	x	0.7854
Area of a Rectangle	Length	x	Width
Area of a Triangle	Base	x	1/2 of Perpendicular Height
Ares of an Ellipse	Product of Both Diameters	x	0.785
Cubic Inches in a Ball	Cube of Diameter	x	0.5236
Cubic Contents of a Cone	Area of Base	x	1/3 the Altitude
One Cubic Foot Equals 7.5 Gallons			
Doubling the Diameter of a Circle Increases its Area Four Times			
Doubling the Diameter of a Pipe Increases its Capacity Four Times			

General Information about This Book

ALL PRODUCTS ARE NOT AVAILABLE IN STOCK, BUT DAILY ORDERS ARE PLACED TO FULLFIL CUSTOMER ORDERS.

ALL DIMENSIONS AND WEIGHTS IN THE BOOK ARE SUBJECT TO MILL SPECIFICATIONS AND TOLERANCES

PLEASE INQUIRE ANY SIZES OR GRADES NOT LISTED.



Thank you for you business