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# C

## SECTION C

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**HOT ROLLED SHEETS**  
**and**  
**HOT ROLLED PICKLED & OILED SHEETS**  
**ASTM A 1011**  
**(Formerly ASTM A 569 and A 570)**

Hot Rolled Commercial Quality Sheets are produced from low carbon rimming, capped, or semi-killed steel, and are intended for uses involving simple bending or moderate drawing and welding. They may be bent flat on themselves in any direction at room temperature without cracking on the outside of the bent portion.

The Pickled and Oiled Sheets should be used when the tight oxide scale present on Hot Rolled Sheets is objectionable.

**ANALYSIS**

C	Mn	P	S	Cu	Ni	Cr	Mo	V	Cb
0.25	0.90	0.035	0.040	.20	.20	0.15	0.06	0.008	0.008

**APPLICATIONS** — Hot Rolled Commercial Quality Sheets are used for a variety of applications from agricultural implements to automotive equipment, from blower and ventilating systems to hot air registers, from stub barrels and drums to bins and partitions. Pickled and Oiled Sheets with their superior smooth surface are recommended for stamping and ordinary drawing applications. After cleaning, they can be painted or enameled.

Hot Rolled Sheets may be used for structural applications.

**MECHANICAL PROPERTIES** — The following minimum properties apply to ASTM A570, grades 30 and 33:

	Tensile Strength (psi)	Yield Strength (psi)	Elongation in 2"		
			.0255" to .0635"	.0636" to .0971"	.0972" to .2299"
<b>Grade 30</b>	49,000	30,000	21.0%	24.0%	25.0%
<b>Grade 33</b>	52,000	33,000	18.0%	22.0%	25.0%



## HOT ROLLED SHEETS and PICKLED & OILED SHEETS

Gauge	Width and Length	Est. Wt. Lbs. Per Sheet	Gauge	Width and Length	Est. Wt. Lbs. Per Sheet	Gauge	Width and Length	Est. Wt. Lbs. Per Sheet
<b>18 Ga.-(.0478")</b>			<b>14 Ga.-(.Cont.)</b>			<b>11 Ga.-(.Cont.)</b>		
2.0 Lb. Sq. Ft.			48 x240 250.00			48 x120 200.00		
24 x 96 32.00			54 x 96 112.50			144 240.00		
120 40.00			120 140.63			240 400.00		
30 x 96 40.00			60 x 96 125.00			60 x 96 200.00		
120 50.00			120 156.25			120 250.00		
144 60.00			144 187.50			144 300.00		
36 x 96 48.00			240 312.50			240 500.00		
120 60.00			72 x120 187.50			72 x 96 240.00		
144 72.00			144 225.00			120 300.00		
42 x 96 56.00			240 375.00			144 360.00		
120 70.00						240 600.00		
48 x 96 64.00			<b>13 Ga.-(.0897")</b>			<b>10 Ga.-(.1345")</b>		
120 80.00			3.75 Lb. Sq. Ft.			5.625 Lb. Sq. Ft.		
144 96.00			36 x 96 90.00			24 x 96 90.00		
			120 112.50			120 112.50		
<b>16 Ga.-(.0598")</b>			48 x 96 120.00			144 135.00		
2.5 Lb. Sq. Ft.			120 150.00			30 x 96 112.50		
24 x 96 40.00			<b>12 Ga.-(.1046")</b>			120 140.63		
108 45.00			4.375 Lb. Sq. Ft.			144 168.75		
120 50.00			24 x 96 70.00			36 x 96 135.00		
132 55.00			120 87.50			120 168.75		
144 60.00			144 105.00			144 202.50		
30 x 96 50.00			30 x 96 87.50			240 337.50		
120 62.50			120 109.38			42 x 96 157.50		
144 75.00			144 131.25			120 196.88		
36 x 96 60.00			36 x 96 105.00			144 236.25		
120 75.00			120 131.25			48 x 96 180.00		
144 90.00			144 157.50			120 225.00		
42 x 96 70.00			42 x 96 122.50			144 270.00		
120 87.50			120 153.13			240 450.00		
144 105.00			48 x 96 140.00			60 x 96 225.00		
48 x 96 80.00			120 175.00			120 281.25		
120 100.00			144 210.00			144 337.50		
144 120.00			240 350.00			240 562.50		
240 200.00			54 x 96 157.50			72 x 96 270.00		
54 x120 112.50			120 196.88			120 337.50		
60 x 96 100.00			60 x 96 175.00			144 405.00		
120 125.00			120 218.75			240 675.00		
144 150.00			144 262.50			<b>7 Ga.-(.1793")</b>		
			192 350.00			7.5 Lb. Sq. Ft.		
			240 437.50			24 x 96 120.00		
<b>14 Ga.-(.0747")</b>			72 x 96 210.00			120 150.00		
3.125 Lb. Sq. Ft.			120 262.50			144 180.00		
24 x 96 50.00			144 315.00			36 x 96 180.00		
120 62.50			192 420.00			120 225.00		
144 75.00			240 525.00			144 270.00		
30 x 96 62.50			84 x120 306.25			48 x 96 240.00		
120 78.13			144 367.50			120 300.00		
144 93.75			<b>11 Ga.-(.1196")</b>			144 360.00		
36 x 96 75.00			5.0 Lb. Sq. Ft.			240 600.00		
120 93.75			24 x 96 80.00			60 x 96 300.00		
144 112.50			120 100.00			120 375.00		
42 x 96 87.50			144 120.00			144 450.00		
120 109.38			36 x 96 120.00			240 750.00		
144 131.25			120 150.00			72 x120 450.00		
48 x 96 100.00			144 180.00			144 540.00		
120 125.00			48 x 96 160.00			240 900.00		
144 150.00								

## COLD ROLLED SHEETS

### ASTM A 1008

(Formerly ASTM A 366 – Commercial Quality)

(Formerly ASTM A 620 – Drawing Quality)

Cold Rolled Commercial Quality Sheets are produced from rimming, capped, or semi-killed steel and are intended for exposed or unexposed parts involving bending, moderate drawing or forming and welding. They may be bent flat on themselves in any direction without cracking.

Cold Rolled Drawing Quality Sheets are produced from special killed steels, and are intended for parts involving severe forming or drawing. Sheets of this quality have a greater degree of ductility and are more consistent in performance because of higher standards in production, selection, and processing of the steel. The surface finish is a dull matte texture.

#### ANALYSIS

	Carbon	Manganese	Phosphorus	Sulphur
Commercial Quality	.15 Max.	.60 Max.	.035 Max.	.040 Max.
Drawing Quality	.10 Max.	.50 Max.	.025 Max.	.035 Max.

**APPLICATIONS** — Practical experience is usually sufficient to determine whether Commercial Quality of Drawing Quality is required for a given part. Where experience is not adequate, the Scribed Square Test (ASTM A 568) can prove helpful. A grid of one inch squares is marked on the section representing the most severe draw. The squares are measured for percent increase in area after drawing. Experience has shown that Commercial Quality is usually satisfactory if the increase in area is less than 25%. If more than 25%, Drawing Quality is recommended.



## COLD ROLLED SHEETS

Width Est. Wt. Ga. and Lbs. Per Length Sheet	Width Est. Wt. Ga. and Lbs. Per Length Sheet	Width Est. Wt. Ga. and Lbs. Per Length Sheet	Width Est. Wt. Ga. and Lbs. Per Length Sheet
<b>28 Ga.</b> —(.0149") .625 Lb. Sq. Ft. 36 x 96 15.00 120 18.75	<b>20 Ga.</b> —(.0359") 1.5 Lb. Sq. Ft. 30 x 96 30.00 120 37.50 36 x 96 36.00 120 45.00 144 54.00 156 58.50 42 x120 52.50 144 63.00 48 x 96 48.00 120 60.00 144 72.00 60 x120 75.00 144 90.00	<b>16 Ga.</b> —(.0598") 2.5 Lb. Sq. Ft. 30 x 96 50.00 36 x 96 60.00 120 75.00 144 90.00 42 x120 87.50 144 105.00 48 x 96 80.00 120 100.00 144 120.00 60 x 96 100.00 120 125.00 144 150.00 72 x144 180.00	<b>13 Ga.</b> —(.0897") 3.75 Lb. Sq. Ft. 36 x 96 90.00 120 112.50 48 x 96 120.00 120 150.00 60 x 96 150.00 <b>12 Ga.</b> —(.1046") 4.375 Lb. Sq. Ft. 36 x 96 105.00 120 131.25 48 x 96 140.00 120 175.00 144 210.00 60 x120 218.75 144 262.50 72 x120 262.50 144 315.00
<b>24 Ga.</b> —(.0239") 1.0 Lb. Sq. Ft. 36 x 96 24.00 120 30.00 48 x 96 32.00 120 40.00	<b>18 Ga.</b> —(.0478") 2.0 Lb. Sq. Ft. 36 x 96 48.00 120 60.00 144 72.00 42 x120 70.00 144 84.00 48 x 96 64.00 120 80.00 144 96.00 60 x120 100.00 144 120.00	<b>14 Ga.</b> —(.0747") 3.125 Lb. Sq. Ft. 30 x120 78.13 36 x 96 75.00 120 93.75 42 x120 109.38 48 x 96 100.00 120 125.00 144 150.00 192 200.00 54 x120 140.63 60 x120 156.25 144 187.50 72 x120 187.50 144 225.00	<b>11 Ga.</b> —(.1196") 5.0 Lb. Sq. Ft. 36 x 96 120.00 120 150.00 48 x 96 160.00 120 200.00 144 240.00 60 x120 250.00 144 300.00 72 x120 300.00 <b>10 Ga.</b> —(.1345") 5.625 Lb. Sq. Ft. 36 x120 168.75 48 x 96 180.00 120 225.00

## FLAT GALVANIZED SHEETS

### ASTM A 653

(Formerly ASTM Specifications: A 526, A 527)

These sheets are produced from rimming, capped, or semi-killed steel, and are intended for uses involving simple bending or moderate forming. They may be bent flat on themselves in any direction at room temperature without cracking. The zinc coating will withstand bending without flaking when tested in accordance with ASTM A 525. The coating is applied by the continuous hot-dip process, producing a tight coat of prime spelter of the 1.25 oz. per square foot coating class.

Sheets meet the Commercial Quality requirements of ASTM A 526. Gauges 16 and lighter are available as Lock Forming Quality, conforming to ASTM A 527.

#### ANALYSIS

Carbon .15 Max.	Manganese .60 Max.	Phosphorus .035 Max.	Sulphur .04 Max.
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**APPLICATIONS**— These sheets are for general utility uses such as corrugated siding and roofing, culverts, window frames, heating and ventilating ducting, cornices, eave troughs, etc. Galvanized sheets are sometimes painted, but when a superior paint retaining surface is desired, we recommend the use of Electrolytic Zinc Coated Sheets, for which see Page 6 of this section.



## FLAT GALVANIZED SHEETS

Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet
<b>30 Ga.—(.016")</b>		<b>24 Ga.—(.028")</b>		<b>18 Ga.—(.052")</b>	
.656 Lb. Sq. Ft.		1.156 Lb. Sq. Ft.		2.156 Lb. Sq. Ft.	
30 x 96	13.12	24 x 96	18.50	30 x 96	43.12
120	16.41	30 x 96	23.12	120	53.91
36 x 96	15.75	120	28.91	144	64.69
120	19.69	36 x 96	27.75	36 x 96	51.75
		120	34.68	120	64.69
		48 x 96	36.99	144	77.62
		120	46.24	48 x 96	68.99
		144	55.49	120	86.24
				144	103.48
<b>28 Ga.—(.019")</b>		<b>22 Ga.—(.034")</b>		60 x 120	107.80
.781 Lb. Sq. Ft.		1.406 Lb. Sq. Ft.		144	129.36
24 x 96	12.50	30 x 96	28.12		
30 x 96	15.62	120	35.16	<b>12 Ga.—(.108")</b>	
120	19.53	36 x 96	33.75	4.531 Lb. Sq. Ft.	
36 x 96	18.75	120	42.19	36 x 96	108.75
120	23.40	144	50.62	120	135.94
144	28.12	48 x 96	44.99	48 x 96	144.99
48 x 120	31.24	120	56.24	120	181.24
		144	67.49	144	217.49
				60 x 120	226.55
<b>26 Ga.—(.022")</b>		<b>20 Ga.—(.040")</b>		<b>16 Ga.—(.064")</b>	
.906 Lb. Sq. Ft.		1.656 Lb. Sq. Ft.		2.656 Lb. Sq. Ft.	
24 x 96	14.50	30 x 96	33.12	30 x 96	53.12
30 x 96	18.12	120	41.41	120	66.41
120	22.66	144	49.68	144	79.69
144	27.19	36 x 96	39.75	36 x 96	63.75
36 x 96	21.75	120	49.68	120	79.69
120	27.19	144	59.62	144	95.63
144	32.63	48 x 96	52.99	48 x 96	84.99
48 x 96	29.00	120	66.24	120	106.24
120	36.24	144	79.48	144	127.49
144	43.49	60 x 120	82.80	60 x 120	132.80
				144	159.36
				<b>11 Ga.—(.123")</b>	
				5.156 Lb. Sq. Ft.	
				48 x 96	164.99
				120	206.24
				144	247.49
				<b>10 Ga.—(.138")</b>	
				5.781 Lb. Sq. Ft.	
				36 x 96	138.74
				120	173.40
				48 x 96	185.00
				120	231.24
				144	277.50
				60 x 144	346.86

## ELECTROLYTIC ZINC COATED SHEETS

Electrolytic Zinc Coated Sheets have been developed to fulfill the need for a perfect paint bonding surface that has not been entirely satisfied by galvanized sheets produced by the hot-dip process. The zinc coating is applied by an electro-plating process that leaves a thin, uniform layer of zinc, followed by a phosphate coat bonderizing treatment.

Electrolytic Zinc Coated Sheets offer good protection against corrosion, and the specially treated surface provides excellent paint adherence without the need for costly cleaning and preparing operations. In addition, they are easily formed by such processes as spinning, deep drawing, and roll forming without danger of peeling or flaking of the zinc coating.

**APPLICATIONS** — These sheets are recommended for applications that require painting, enameling, or lacquering, such as vending machines, office furniture, appliances, cabinets, truck and trailer bodies, shower cabinets, etc.



## ELECTROLYTIC ZINC COATED SHEETS

Gauge	Width and Length	Estimated Wt. Lbs. Per Sheet	Gauge	Width and Length	Estimated Wt. Lbs. Per Sheet
<b>26 Ga.</b> —(.0179")			<b>20 Ga.</b> —(.0359")		
0.75 Lb. Sq. Ft.			1.50 Lb. Sq. Ft.		
48 x 96		24.00	36 x 96		36.00
120		30.00	120		45.00
			144		54.00
<b>24 Ga.</b> —(.0239")			48 x 96		48.00
1.0 Lb. Sq. Ft.			120		60.00
30 x 120		25.00	144		72.00
144		30.00			
36 x 120		30.00	<b>18 Ga.</b> —(.0478")		
48 x 96		32.00	2.0 Lb. Sq. Ft.		
120		40.00	36 x 120		60.00
144		48.00	48 x 96		64.00
			120		80.00
<b>22 Ga.</b> —(.0299")			144		96.00
1.25 Lb. Sq. Ft.			60 x 120		100.00
36 x 96		30.00			
120		37.50	<b>16 Ga.</b> —(.0598")		
144		45.00	2.5 Lb. Sq. Ft.		
48 x 96		40.00	36 x 120		75.00
120		50.00	48 x 120		100.00
144		60.00	60 x 120		125.00

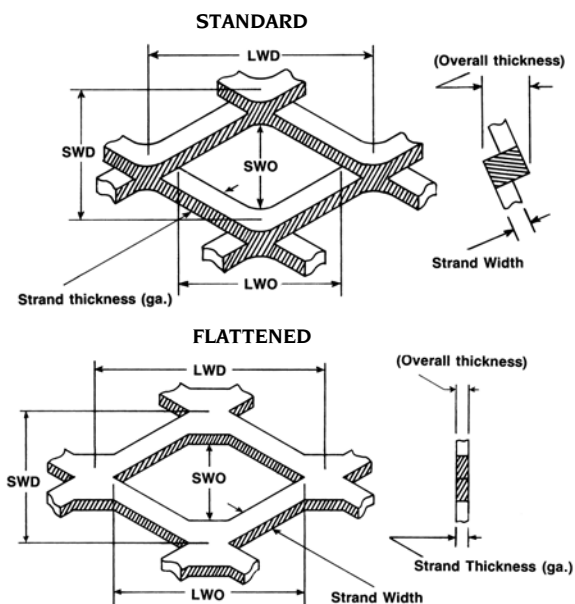
## EXPANDED METAL

Expanded Metal is sheet metal that has been slit and expanded up to ten times its original width. The formation of the diamond-shaped pattern adds to the strength and rigidity of the sheet.

Expanded Metal is available in the "standard" pattern, where the strands and bonds are set at a sharp angle to the plane of the sheet. It is also available in the "flattened" pattern, where the material has been cold-rolled to bring the strands and bonds into the same plane. Flattened Expanded Metal is especially suited to welding because of its flat surface.

Expanded Metal offers the advantages of savings in weight and metal, free passage of light and air, and a decorative or ornamental effect. Structural applications include door panels, open partitions, window guards, enclosures, etc. Decorative applications include grilles, screens, panels, backgrounds, etc.

The width of the sheet is measured in the direction of the short dimension of the diamond. The length of the sheet is measured in the direction of the long dimension of the diamond. For additional information on applications, properties, and fabricating procedures, ask for our special pamphlet on Expanded Metal.



### LEGEND

**SWD** – "Short way of diamond."

**LWD** – "Long way of diamond."

**SWO** – "Short way of opening."

**LWO** – "Long way of opening."

**Strand Thickness** – Equal to the thickness of the sheet of metal used.

**Strand Width** – Amount of metal of a given thickness in one strand.

**Expanded Metal sheets are also available in STAINLESS STEEL, ALUMINUM, and other metals. Information on request.**



## STANDARD EXPANDED METAL

*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs.		*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs.	
			Per Sq. Ft.	Per Sheet				Per Sq. Ft.	Per Sheet
1/4" - #20	48 x 96	.036	.86	27.52	1" - #1648 x 96	.060	.44	14.08	
1/4" - #18	48 x 96	.048	1.14	36.48	1 1/2" - #1848 x 96	.048	.20	6.04	
1/2" - #20	36 x 96	.036	.43	10.32	1 1/2" - #1648 x 96	.060	.40	12.80	
	48 x 96	"	"	13.76	1 1/2" - #1348 x 96	.092	.60	19.20	
1/2" - #18	48 x 96	.048	.70	22.40	120	"	"	24.00	
	120	"	"	28.00	72 x 96	"	"	28.80	
	72 x 96	"	"	33.60	120	"	"	36.00	
	120	"	"	42.00	96 x 120	"	"	48.00	
1/2" - #16	48 x 96	.060	.86	27.52	1 1/2" - #1048 x 96	.092	.79	25.28	
	120	"	"	34.40	120	"	"	31.60	
	72 x 96	"	"	41.28	60 x 120	"	"	39.50	
	120	"	"	51.60	72 x 96	"	"	37.92	
1/2" - #13	48 x 96	.092	1.47	47.04	120	"	"	47.40	
	120	"	"	58.80	144	"	"	56.68	
	72 x 96	"	"	70.56	1 1/2" - #936 x 96	.134	1.20	38.80	
3/4" - #16	48 x 96	.060	.54	17.28	48 x 96	"	"	38.40	
	120	"	"	21.60	120	"	"	48.00	
	60 x 120	"	"	27.00	144	"	"	57.60	
	72 x 96	"	"	25.92	60 x 120	"	"	60.00	
	120	"	"	32.40	72 x 96	"	"	57.60	
	144	"	"	38.88	120	"	"	72.00	
3/4" - #13	48 x 96	.092	.80	25.60	144	"	"	86.40	
	120	"	"	32.00	1 1/2" - #636 x 144	.198	2.50	90.00	
	72 x 96	"	"	38.40	48 x 96	"	"	80.00	
	120	"	"	48.00	72 x 144	"	"	180.00	
	96 x 120	"	"	64.00					
3/4" - #10	48 x 96	.092	1.20	38.40	2" - #1036 x 96	.092	.68	16.32	
	120	"	"	48.00	120	"	"	20.40	
	72 x 96	"	"	57.60	72 x 96	"	"	32.64	
	120	"	"	72.00	120	"	"	40.80	
3/4" - #9	36 x 96	.134	1.80	43.20	144	"	"	48.96	
	120	"	"	54.00	2" - #936 x 96	.134	.90	21.60	
	48 x 96	"	"	57.60	120	"	"	27.00	
	120	"	"	72.00	144	"	"	32.40	
	144	"	"	86.40	48 x 96	"	"	28.80	
	60 x 96	"	"	72.00	120	"	"	36.00	
	120	"	"	90.00	144	"	"	43.20	
	72 x 96	"	"	86.40	72 x 96	"	"	43.20	
	120	"	"	108.00	120	"	"	54.00	
	144	"	"	129.60	144	"	"	64.80	

\*Style Designation - The first figure indicates the approximate width, the short way of the diamond, measuring from center to center of the bonds. Second figure indicates the approximate gauge of the sheet before expanding.

## FLATTENED EXPANDED METAL

*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs.		*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs.	
			Per Sq. Ft.	Per Sheet				Per Sq. Ft.	Per Sheet
1/4" - #20	36 x 96	.030	.83	19.92	3/4" - #13	36 x 96	.070	.75	18.00
	48 x 96	"	"	26.56		120	"	"	22.50
1/4" - #18	48 x 96	.040	1.11	35.52		144	"	"	27.00
1/2" - #20	36 x 96	.029	.40	9.06		48 x 96	"	"	24.00
	48 x 96	"	"	12.80		120	"	"	30.00
1/2" - #18						144	"	"	36.00
	36 x 96	.039	.66	15.84	3/4" - #9	36 x 96	.120	1.71	41.04
	120	"	"	19.80		120	"	"	51.30
	48 x 96	"	"	21.12		144	"	"	61.56
120	"	"	26.40	48 x 96		"	"	54.72	
1/2" - #16	36 x 96	.050	.82	19.68		120	"	"	68.40
	120	"	"	24.60		144	"	"	82.08
	144	"	"	29.52		60 x 96	"	"	68.40
	48 x 96	"	"	26.24	1" - #16	36 x 96	.050	.41	9.84
	120	"	"	32.80		48 x 96	"	"	13.12
	144	"	"	39.36	1 1/2" - #16	36 x 96	.048	.38	9.12
1/2" - #13	36 x 96	.070	1.40	33.60		120	"	"	11.40
	120	"	"	42.00		144	"	"	13.68
	144	"	"	50.40		48 x 96	"	"	12.16
	48 x 96	"	"	44.80		120	"	"	15.20
	120	"	"	56.00		144	"	"	18.24
	144	"	"	67.20	1 1/2" - #14	36 x 96	.060	.46	11.04
3/4" - #16	36 x 96	.048	.51	12.24		48 x 96	"	"	14.72
	120	"	"	15.30	1 1/2" - #13	36 x 96	.070	.57	13.68
	144	"	"	18.36		120	"	"	17.10
	48 x 96	"	"	16.32		144	"	"	20.52
	120	"	"	20.40		48 x 96	"	"	18.24
	144	"	"	24.48		120	"	"	22.80
3/4" - #14	36 x 96	.061	.63	15.12		144	"	"	27.36
	48 x 96	"	"	20.16		60 x 120	"	"	28.50
						72 x 120	"	"	34.20
					1 1/2" - #9	36 x 96	.110	1.14	27.36
						120	"	"	34.20
						144	"	"	41.04
					48 x 96	"	"	36.48	
					120	"	"	45.60	
					144	"	"	54.72	

\*Style Designation - The first figure indicates the approximate width, the short way of the diamond, measuring from center to center of the bonds. Second figure indicates the approximate gauge of the sheet before expanding.

### EXPANDED METAL ACCESSORIES

Information on request.

## EXPANDED METAL GRATINGS

Expanded Metal Gratings are produced from heavy steel plate and provide an economical open flooring with the advantage of strength, durability, and light weight. Unlike solid flooring, Expanded Metal Gratings do not block light and air. Dirt, grease, snow, and mud cannot collect on the walking surface. Floors made from these gratings are attractive in appearance, and their non-slip quality is an important safety factor. Various styles are available, designed to support walking loads on clear spans up to five feet – longer with reinforcement. For further information, ask for our special pamphlet.

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### EXPANDED METAL GRATINGS

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Style Designation	Size in Inches	Size of Mesh* in Inches		Wt. Per Square Foot
		Width	Length	
Treadway (Walkway)	48 x 96	1.412	4.00	4.27
	72 x 96	"	"	"
Hiwalk (Skywalk)	48 x120	2.000	6.00	3.14
	72 x120	"	"	"
3.0 Lb. Grating	48 x 96	1.333	5.33	3.00
	120	"	"	"
	60 x120	"	"	"
	72 x 96	1.440	5.00	"
	120	"	"	"
	144	"	"	"
4.0 Lb. Grating	150	1.333	5.33	"
	48 x 96	"	"	4.00
	120	"	"	"
	60 x 96	"	"	"
	72 x 96	"	"	"
5.0 Lb. Grating	120	"	"	"
	48 x 96	1.330	"	5.00
	72 x120	"	"	"
6.25 Lb. Grating	48 x 48	1.412	"	6.25
	96	"	"	"
	144	"	"	"
	192	"	"	"
	72 x 96	"	"	"
	120	"	"	"

\*Measured center to center of bonds.

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### WELDED — RIVETED — MECHANICAL LOCK GRATING, DECKING, GRILLES, and STAIR TREADS

We represent various manufacturers of grating products which have been designed to fill many functional and ornamental architectural requirements. Such material offers the benefits of minimum weight, maximum carrying capacity, ventilation, sanitation, light admission, non-skid safety, and self-cleaning. We will be glad to furnish further information upon request.





Steel plates in thicknesses up to 16" are a staple item in EMJ's inventory.



Torch cutting machines produce multiple parts from steel plates in EMJ Service Centers.



**EARLE M. JORGENSEN  
COMPANY**

# **REFERENCE BOOK**

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CARBON • CAST IRON • CHROME • NICKEL  
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