

# METAL SUPPLY INC.

800-400-6382 • sales@metalsupply.com



## COLD ROLLED STEEL SHEETS Commercial Quality Dull and Bright Finish

These sheets are produced from low carbon rimmed or semi-killed steel and cold rolled to provide a smooth, dense, uniform surface well suited for plating, painting or enameling. They can be bent 180° without cracking and are suitable for stamping, moderate drawing, and most other types of fabrication. Typical applications include cabinets, tanks, automobile bodies and structural parts.

Commercial Quality sheets are not guaranteed against cracking or breakage, however, except when caused by seams, pipe, or gross surface defects. When deep drawing is necessary or other fabrication requirements are severe, Drawing Quality sheets should be specified.

These sheets are produced in both dull and bright finishes.

Cold Rolled Steel Sheets can be roller leveled from coil and cut to length to exact specifications.

COLD ROLLED STEEL SHEETS ARE AVAILABLE ALSO IN STRETCHER LEVELED STANDARD OF FLATNESS.

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
<b>28 Ga.—(.0149")</b>			<b>20 Ga.—(.0359")</b>			<b>14 Ga.—(.0747")</b>		
.625 Lb. Sq. Ft.			1.50 Lb. Sq. Ft.			3.125 Lb. Sq. Ft.		
36 x 96	15.0		30 x 96	30.0		30 x 96	62.5	
120	18.8		120	37.5		36 x 96	75.0	
			36 x 96	36.0		120	93.8	
<b>26 Ga.—(.0179")</b>			120	45.0		48 x 96	100.0	
.750 Lb. Sq. Ft.			42 x 96	42.0		120	125.0	
36 x 96	18.0		120	52.5		144	150.0	
120	22.5		48 x 96	48.0		60 x 120	156.3	
			120	60.0		144	187.5	
<b>24 Ga.—(.0239")</b>			144	72.0		72 x 120	187.5	
1.00 Lb. Sq. Ft.								
30 x 96	20.0		<b>19 Ga.—(.0418")</b>			<b>13 Ga.—(.0897")</b>		
36 x 96	24.0		1.75 Lb. Sq. Ft.			3.75 Lb. Sq. Ft.		
120	30.0		36 x 96	42.0		36 x 96	90.0	
48 x 96	32.0		48 x 120	70.0		120	112.5	
120	40.0					48 x 120	150.0	
<b>22 Ga.—(.0299")</b>			<b>18 Ga.—(.0478")</b>			<b>12 Ga.—(.1046")</b>		
1.25 Lb. Sq. Ft.			2.00 Lb. Sq. Ft.			4.375 Lb. Sq. Ft.		
30 x 96	25.0		30 x 96	40.0		36 x 96	105.0	
120	31.3		36 x 96	48.0		120	131.3	
36 x 96	30.0		120	60.0		48 x 96	140.0	
120	37.5		48 x 96	64.0		120	175.0	
42 x 96	35.0		120	80.0				
120	43.8		<b>16 Ga.—(.0598")</b>			<b>11 Ga.—(.1196")</b>		
144	52.5		2.50 Lb. Sq. Ft.			5.00 Lb. Sq. Ft.		
48 x 96	40.0		30 x 96	50.0		36 x 96	120.0	
120	50.0		36 x 96	60.0		120	150.0	
			120	75.0		48 x 120	200.0	
			144	90.0		60 x 144	300.0	
			42 x 120	87.5		<b>10 Ga.—(.1345")</b>		
			48 x 96	80.0		5.625 Lb. Sq. Ft.		
			120	100.0		36 x 96	135.0	
			60 x 120	125.0		120	168.8	
			72 x 120	150.0		48 x 96	180.0	
						120	225.0	
						<b>7 Ga.—(.1793")</b>		
						7.50 Lb. Sq. Ft.		
						36 x 96	180.0	
						120	225.0	
						48 x 120	300.0	

## COLD ROLLED STEEL SHEETS Drawing Quality and Aluminum Killed Deep Drawing Quality Dull and Bright Finish

This grade is a premium quality low carbon special rimmed or killed steel that has been cold rolled to provide a smooth, dense, uniform surface. Careful controls are exercised during melting and rolling to insure a high quality product suitable for deep drawing and other severe forming operations. Applications include deep drawn sinks, pots and pans, and some automotive body sections. The cost is slightly higher than Commercial Quality sheets but drawability is guaranteed by the manufacturer.

Cold Rolled Steel Sheets can be roller leveled from coil and cut to length to exact specifications.

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
<b>28 Ga.—(.0149")</b>			<b>22 Ga.—(.0299")</b>			<b>18 Ga.—(.0478")</b>		
.625 Lb. Sq. Ft.			1.25 Lb. Sq. Ft.			2.00 Lb. Sq. Ft.		
30 x 96	12.5		24 x 96	20.0		24 x 96	32.0	
36 x 96	15.0		120	25.0		30 x 96	40.0	
120	18.8		30 x 96	25.0		36 x 96	48.0	
			36 x 96	30.0		120	60.0	
<b>26 Ga.—(.0179")</b>			120	37.5		48 x 96	64.0	
.750 Lb. Sq. Ft.			48 x 96	40.0		120	80.0	
24 x 96	12.0							
30 x 96	15.0		<b>20 Ga.—(.0359")</b>			<b>16 Ga.—(.0598")</b>		
36 x 96	18.0		1.50 Lb. Sq. Ft.			2.50 Lb. Sq. Ft.		
120	22.5		24 x 96	24.0		24 x 96	40.0	
			120	30.0		30 x 96	50.0	
<b>24 Ga.—(.0239")</b>			30 x 96	30.0		36 x 96	60.0	
1.00 Lb. Sq. Ft.			36 x 96	36.0		120	75.0	
24 x 96	16.0		120	45.0		144	90.0	
30 x 96	20.0		48 x 96	48.0		48 x 96	80.0	
36 x 96	24.0		120	60.0		120	100.0	
120	30.0							
48 x 96	32.0		<b>19 Ga.—(.0418")</b>			<b>14 Ga.—(.0747")</b>		
			1.75 Lb. Sq. Ft.			3.125 Lb. Sq. Ft.		
			36 x 96	42.0		36 x 96	75.0	
			120	52.5		120	93.8	
			48 x 120	70.0		48 x 96	100.0	
						120	125.0	

**Do you know how we can  
save you money  
on your steel requirements?**

In several ways. First, by providing fast, one-stop service for all your metal requirements. Second, by giving you the advantage of our technical know-how so that waste is reduced to an absolute minimum. And third, by functioning as your own "steel warehouse," you don't buy steel until you actually need it. Three powerful reasons to use our service and resources for your metal requirements.

# METAL SUPPLY INC.

800-400-6382 • sales@metalsupply.com



## COLD ROLLED STEEL SHEETS ¼ Hard, ½ Hard and Full Hard Tempers Dull and Bright Finish

**Cold Rolled Steel Sheets** are specified to a hardness range indicated by both minimum and maximum Rockwell B limits of at least 15 points spread for certain applications. To achieve this, it is necessary to employ restricted chemical composition limits and special processing practices, or both. The following tempers are recognized as common for a wide variety of applications:

### ¼ HARD TEMPER

Cold Rolled Steel Sheets of ¼ hard temper are within a Rockwell hardness range of B-60 minimum to B-75 maximum. This is at the time of shipment, however aging may result in a slightly greater hardness when tested at a later date.

### ½ HARD TEMPER

Cold Rolled Steel Sheets of ½ hard temper are within a Rockwell hardness range of B-70 minimum to an approximate B-85 maximum. This is also at the time of shipment, however aging may result in a slightly greater hardness when tested at a later date.

### FULL HARD TEMPER

Cold Rolled Steel Sheets of full hard temper are produced to a Rockwell hardness minimum of B-84. They are not customarily tested nor are hardness values reported.

When Cold Rolled Steel Sheets are specified to hardness limits, a variation of two Rockwell points is customarily allowed to compensate for normal differences in testing equipment and testing procedures. Sheets produced to hardness ranges or as full hard sheets are not subject to any definite forming requirements or to flatness tolerances. In certain cases, cold rolled steel sheets are specified to hardness ranges other than those shown for ¼ hard and ½ hard tempers. Under these circumstances, the specified Rockwell range is customarily not less than 15 points.

Cold Rolled Steel Sheets can be roller leveled from coil and cut to length to exact specifications.

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
<b>24 Ga.—(.0239")</b> 1.00 Lb. Sq. Ft.			<b>19 Ga.—(.0418")</b> 1.75 Lb. Sq. Ft.			<b>13 Ga.—(.0897")</b> 3.75 Lb. Sq. Ft.		
24 x 72	12.0		24 x 72	21.0		24 x 72	45.0	
84	14.0		84	24.5		84	52.5	
96	16.0		96	28.0		96	60.0	
36 x 72	18.0		36 x 72	31.5		<b>12 Ga.—(.1046")</b> 4.375 Lb. Sq. Ft.		
84	21.0		84	36.8		24 x 72	52.5	
96	24.0		96	42.0		84	61.3	
<b>22 Ga.—(.0299")</b> 1.25 Lb. Sq. Ft.			<b>18 Ga.—(.0478")</b> 2.00 Lb. Sq. Ft.			<b>11 Ga.—(.1196")</b> 5.00 Lb. Sq. Ft.		
24 x 72	15.0		24 x 72	24.0		24 x 72	60.0	
84	17.5		84	28.0		84	70.0	
96	20.0		96	32.0		<b>10 Ga.—(.1345")</b> 5.625 Lb. Sq. Ft.		
36 x 72	22.5		<b>16 Ga.—(.0598")</b> 2.50 Lb. Sq. Ft.			24 x 72	60.0	
84	26.3		24 x 72	30.0		84	70.0	
96	30.0		84	35.0		96	80.0	
<b>20 Ga.—(.0359")</b> 1.50 Lb. Sq. Ft.			<b>14 Ga.—(.0747")</b> 3.125 Lb. Sq. Ft.			<b>10 Ga.—(.1345")</b> 5.625 Lb. Sq. Ft.		
24 x 72	18.0		24 x 72	37.5		36 x 96	135.0	
84	21.0		84	43.8		120	168.8	
96	24.0		96	50.0		144	202.5	
36 x 72	27.0							
84	31.5							
96	36.0							

## HOT ROLLED STEEL SHEETS Commercial Quality

**Hot Rolled Steel Sheets** are an economical grade of low carbon steel. They are not produced to as closely controlled gauge thicknesses as are cold rolled sheets, and they have a poorer surface finish.

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
<b>18 Ga.—(.0478")</b> 2.00 Lb. Sq. Ft.			<b>16 Ga.—(.0598")</b> 2.50 Lb. Sq. Ft.			<b>11 Ga.—(.1196")</b> 5.00 Lb. Sq. Ft.		
36 x 96	48.0		36 x 96	60.0		36 x 96	120.0	
120	60.0		120	75.0		120	150.0	
42 x 96	56.0		144	90.0		144	180.0	
120	70.0		42 x 96	70.0		42 x 96	140.0	
48 x 96	64.0		120	87.5		120	175.0	
120	80.0		144	105.0		144	210.0	
			<b>14 Ga.—(.0747")</b> 3.125 Lb. Sq. Ft.			<b>8 Ga.—(.1644")</b> 6.875 Lb. Sq. Ft.		
			36 x 96	75.0		36 x 96	165.0	
			120	93.8		120	206.3	
			144	112.5		48 x 96	220.0	
			42 x 96	87.5		120	275.0	
			120	109.4		144	330.0	
			144	131.3		48 x 96	160.0	
			48 x 96	100.0		120	200.0	
			120	125.0		144	240.0	
			144	150.0		240	400.0	
			240	250.0		54 x 96	180.0	
			54 x 96	112.5		120	225.0	
			120	140.6		144	270.0	
			144	168.8		60 x 96	200.0	
			60 x 96	125.0		120	250.0	
			120	156.3		144	300.0	
			144	187.5		72 x 96	240.0	
			192	250.0		120	300.0	
			240	312.5		144	360.0	
			72 x 120	187.5		192	480.0	
			144	225.0		240	600.0	
			144	375.0		84 x 120	350.0	
			<b>12 Ga.—(.1046")</b> 4.375 Lb. Sq. Ft.			<b>10 Ga.—(.1345")</b> 5.625 Lb. Sq. Ft.		
			36 x 96	105.0		36 x 96	135.0	
			120	131.3		120	168.8	
			144	157.5		144	202.5	
			<b>7 Ga.—(3/16")</b> 7.50 Lb. Sq. Ft.					
			36 x 96 180.0					
			120 225.0					
			144 270.0					
			240 450.0					
			48 x 96 240.0					
			120 300.0					
			144 360.0					
			240 600.0					
			60 x 96 300.0					
			120 375.0					
			144 450.0					
			240 750.0					
			72 x 96 360.0					
			120 450.0					
			144 540.0					
			240 900.0					
			84 x 120 525.0					
			144 630.0					
			240 1050					

# METAL SUPPLY INC.

800-400-6382 • sales@metalsupply.com



## HOT ROLLED PICKLED AND OILED STEEL SHEETS Commercial Quality

Hot Rolled Pickled and Oiled Steel Sheets can be used for many more applications than plain hot rolled steel sheets. This is due to the fact that they have a smooth, scale-free surface as a result of an acid pickle bath after hot rolling. Recommended for stamping and ordinary drawing operations. Can be satisfactorily painted or enameled after cleaning. Not produced to as closely controlled gauge thicknesses as are cold rolled steel sheets.

Hot Rolled Pickled and Oiled Steel Sheets can be roller leveled from coil and cut to length to exact specifications.

HOT ROLLED PICKLED AND OILED STEEL SHEETS ARE AVAILABLE ALSO IN STRETCHER LEVELED STANDARD OF FLATNESS.

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
<b>18 Ga.—(.0478")</b>			<b>13 Ga.—(.0897")</b>			<b>11 Ga.—(.1196")</b>		
	2.00 Lb. Sq. Ft.			3.750 Lb. Sq. Ft.			5.00 Lb. Sq. Ft.	
36 x 96	48.0		36 x 96	90.0		36 x 96	120.0	
120	60.0		120	112.5		48 x 96	160.0	
48 x 96	64.0		48 x 120	150.0		120	200.0	
120	80.0					60 x 96	200.0	
<b>16 Ga.—(.0598")</b>			<b>12 Ga.—(.1046")</b>					
	2.50 Lb. Sq. Ft.			4.375 Lb. Sq. Ft.				
36 x 96	60.0		36 x 96	105.0		72 x 96	240.0	
120	75.0		120	131.3		120	250.0	
48 x 120	100.0		48 x 96	140.0		120	300.0	
60 x 96	100.0		120	175.0		144	360.0	
120	125.0		60 x 96	175.0		<b>10 Ga.—(.1345")</b>		
			72 x 96	210.0			5.625 Lb. Sq. Ft.	
			120	262.5		36 x 96	135.0	
						120	168.8	
						48 x 96	180.0	
						120	225.0	
						60 x 96	225.0	
<b>14 Ga.—(.0747")</b>						<b>7 Ga.—(3/16")</b>		
	3.125 Lb. Sq. Ft.						7.500 Lb. Sq. Ft.	
36 x 96	75.0					36 x 96	180.0	
120	93.8					48 x 120	300.0	
48 x 96	100.0					144	360.0	
120	125.0							
60 x 120	156.3							

## ELECTROLYTIC ZINC COATED STEEL SHEETS Phosphate Coated (Bonderized) Commercial Quality

Electrolytic Zinc Coated Steel Sheets are produced from flat rolled low carbon steel which has been electrolytically plated with zinc, and then phosphate coated for better paint adherence. The zinc phosphate treatment is optional, although normally specified. This product offers the best combination of good corrosion resistance coupled with low cost.

Surface finish is smooth in texture and has a medium gray color. Different coating weights may be specified, although the standard coating is approximately .000084 on each side. All tempers and sizes available in cold rolled steel sheet are also available in electrolytic zinc coated steel sheet.

Refer to Page 20 for Comparison Table of Zinc Coated Products.

Electrolytic Zinc Coated Steel Sheets can be roller leveled from coil and cut to length to exact specifications.

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
<b>28 Ga.—(.0149")</b>			<b>21 Ga.—(.0329")</b>			<b>18 Ga.—(.0478")</b>		
	.625 Lb. Sq. Ft.			1.375 Lb. Sq. Ft.			2.00 Lb. Sq. Ft.	
36 x 96	15.0		36 x 96	33.0		36 x 96	48.0	
			120	41.3		48 x 120	80.0	
<b>26 Ga.—(.0179")</b>			<b>20 Ga.—(.0359")</b>			<b>16 Ga.—(.0598")</b>		
	.750 Lb. Sq. Ft.			1.50 Lb. Sq. Ft.			2.50 Lb. Sq. Ft.	
36 x 96	18.0		36 x 96	36.0		36 x 96	60.0	
48 x 120	30.0		48 x 120	60.0		48 x 96	80.0	
<b>24 Ga.—(.0239")</b>			<b>19 Ga.—(.0418")</b>			<b>14 Ga.—(.0747")</b>		
	1.00 Lb. Sq. Ft.			1.75 Lb. Sq. Ft.			3.125 Lb. Sq. Ft.	
36 x 96	24.0		36 x 96	42.0		36 x 96	75.0	
120	30.0		48 x 120	70.0				
48 x 120	40.0							
<b>22 Ga.—(.0299")</b>								
	1.25 Lb. Sq. Ft.							
36 x 96	30.0							
120	37.5							
48 x 120	50.0							

### We get it to you ON TIME!

It takes more than promises to get your load of steel to you at exactly 10:30 A.M. on Tuesday. It takes precise knowledge and experience in all the variable factors of loading, routing and scheduling. Even the imponderable of traffic must be considered. But success is measured by on-time delivery at your receiving dock, every time. That's why so many of our customers use us as a "floating steel warehouse." Cuts down inventory, unlocks working capital, increases net profit. Depend on us for all your steel requirements.

### Buy from the warehouse with the best processing facilities

We provide you with the exact type, form and quantity of steel that you need. Our skilled craftsmen cut, shear, roll, edge or machine it to meet your requirements. You get your steel pre-processed to your specifications and delivered when and where you want it. Our substantial investment in modern materials handling and processing equipment pays off for you in lower net cost on every pound of metal you buy from us.

# METAL SUPPLY INC.

800-400-6382 • sales@metalsupply.com



## HOT DIPPED GALVANIZED STEEL SHEETS Commercial Quality

Hot Dipped Galvanized Steel Sheets are produced from low carbon, open hearth steel and are soft, ductile and flat. The zinc coating is applied by the continuous hot dip process. All stock 16 gauge and lighter is carried in lock forming quality.

Refer to Page 20 for Comparison Table of Zinc Coated Products.

Hot Dipped Galvanized Steel Sheets can be roller leveled from coil and cut to length to exact specifications.

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
<b>30 Ga.—(.0157")</b>			<b>22 Ga.—(.0336")</b>			<b>16 Ga.—(.0635")</b>		
		.656 Lb. Sq. Ft.			1.406 Lb. Sq. Ft.			2.656 Lb. Sq. Ft.
30 x 96	13.1		28 x 96	26.2		28 x 120	62.0	
36 x 96	15.7		120	32.8		30 x 96	53.1	
120	19.7		144	39.4		120	66.4	
<b>28 Ga.—(.0187")</b>			<b>20 Ga.—(.0396")</b>			<b>14 Ga.—(.0785")</b>		
		.781 Lb. Sq. Ft.			1.656 Lb. Sq. Ft.			3.281 Lb. Sq. Ft.
28 x 96	14.6		28 x 96	30.9		30 x 120	82.0	
120	18.2		120	38.6		36 x 96	78.7	
30 x 120	19.5		144	46.4		120	98.4	
36 x 96	18.7		30 x 96	33.1		48 x 96	105.0	
120	23.4		120	41.4		120	131.2	
<b>26 Ga.—(.0217")</b>			<b>18 Ga.—(.0516")</b>			<b>12 Ga.—(.1084")</b>		
		.906 Lb. Sq. Ft.			2.156 Lb. Sq. Ft.			4.531 Lb. Sq. Ft.
28 x 96	16.9		28 x 96	40.2		36 x 96	108.7	
120	21.1		120	50.3		120	135.9	
144	25.4		144	56.1		42 x 120	158.6	
30 x 96	18.1		30 x 96	43.1		48 x 96	145.0	
120	22.7		120	53.9		120	181.2	
36 x 96	21.7		36 x 96	51.7		<b>10 Ga.—(.1382")</b>		
120	27.2		120	64.7				5.781 Lb. Sq. Ft.
42 x 96	25.4		42 x 96	60.4		36 x 96	138.7	
120	31.7		48 x 96	69.0		120	173.4	
48 x 96	29.0		120	86.2		48 x 96	185.0	
120	36.2					120	231.2	
<b>24 Ga.—(.0276")</b>								
		1.156 Lb. Sq. Ft.						
30 x 96	23.1							
120	28.9							
36 x 96	27.7							
120	34.7							
48 x 96	37.0							
120	46.2							

## GALVANNEALED STEEL SHEETS Commercial Quality

Galvannealed Steel Sheets are hot dipped zinc coated sheets which have been heat treated after coating to produce zinc-iron alloy and eliminate the spangle. This type of sheet can be painted without further surface preparation other than normal cleaning.

May be formed or fabricated without injury to the coating. Paint or lacquer may be applied immediately, without waiting for the sheets to weather, and adhere readily.

Refer to Page 20 for Comparison Table of Zinc Coated Products.

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
<b>26 Ga.—(.0217")</b>			<b>22 Ga.—(.0336")</b>			<b>18 Ga.—(.0516")</b>		
		.906 Lb. Sq. Ft.			1.406 Lb. Sq. Ft.			2.156 Lb. Sq. Ft.
36 x 96	21.74		36 x 96	33.74		36 x 96	51.74	
120	27.18		120	42.18		120	64.68	
144	32.62		42 x 144	59.05		48 x 96	68.99	
<b>24 Ga.—(.0276")</b>			<b>20 Ga.—(.0396")</b>			<b>16 Ga.—(.0635")</b>		
		1.156 Lb. Sq. Ft.			1.656 Lb. Sq. Ft.			2.656 Lb. Sq. Ft.
30 x 96	23.12		36 x 96	39.74		36 x 96	63.74	
120	28.90		120	49.68		120	79.68	
36 x 96	27.74		42 x 144	69.55		48 x 96	84.99	
120	34.68		48 x 96	52.99		120	106.2	
42 x 120	40.46		120	66.24		<b>14 Ga.—(.0785")</b>		
48 x 96	36.99		144	79.49				3.281 Lb. Sq. Ft.
120	46.24					36 x 96	78.74	
144	55.49					120	98.43	
						48 x 96	105.0	
						120	131.2	

**You are not  
"a face in the crowd" to us!**

You are a dynamic customer with steel needs that vary according to the changing requirements of your customers. To serve you properly and completely, we must not only stay abreast of your thinking but must be continually working on new methods and new ideas to save you time and money. As one of our valued customers, you are the life-blood of our business. Our aim is to supply all of your steel requirements, pre-processed to your specifications and delivered on time according to your schedules.

# METAL SUPPLY INC.

800-400-6382 • sales@metalsupply.com



## CORRUGATED GALVANIZED SHEETS Prime Quality

Corrugated Galvanized Sheets are produced from low carbon, open hearth steel. They are evenly covered with a tight coat of prime spelter, thus producing a durable sheet with a base that is highly resistant to corrosion. They are easy to apply and moderate in cost. They are the strongest form of sheet metal known, the load bearing strength being increased approximately nine times over flat sheet. Expansion and contraction do not appreciably affect corrugated sheets, hence their widespread use as a roofing and siding material. In addition to the advantages of lightness, rigidity and strength, the fireproof feature of corrugated sheets is very important in all types of applications.

Corrugated sheets are most commonly furnished with 2½ inch corrugations, however, sheets with 1¼ inch or 3 inch corrugations are available. Corrugations always run the length of the sheet. Corrugated sheets for roofing are furnished 27½ inches wide, with one lip up and one lip down. Corrugated sheets for siding are furnished 26 inches wide, with the lips on both sides of the sheet turned the same way. Minimum end lap for roofing is 6 inches, and for siding 4 inches.

A roofing sheet, 27½ inches wide, has 9½ full corrugations plus a 1 inch lip on each side. A siding sheet, 26 inches wide, has 9 full corrugations plus a 1 inch lip on each side.

Corrugated roofing and siding is generally laid so that the sheets cover a net width of 24 inches. To accomplish this, the 27½ inch wide sheets are used for roofing, with a side overlap of approximately 1½ corrugations. The 26 inch wide sheets are used for siding, with a side overlap of approximately 1 corrugation.

The width of the corrugation is measured from any point on one corrugation to the corresponding point on the next corrugation. Standard corrugations are commonly referred to as 2½ inches, but this is the nominal size, as the actual measure is about 2⅔ inches. Therefore, although the amounts of the side overlap for both roofing and siding are referred to as 1½ and 1 corrugations respectively, the overlap is actually a little less, due to the fact that the lip is only 1 inch and not a full half corrugation, which would be 1⅓ inch.

### ROOFING SHEETS—2½" CORRUGATIONS

Thickness	Size in Inches	Estimated Wt. Lbs. Per Sheet	Number Sq. Ft. Per Sheet	Number Sheets Per Square*	Estimated Wt. Lbs. Per Square
<b>28 Ga.—(.0187")</b>					
27½ x 120		19.3	22.92	4.36	85
144		23.1	27.50	3.64	85
<b>26 Ga.—(.0217")</b>					
27½ x 72		13.5	13.75	7.27	99
96		18.0	18.33	5.45	99
108		20.2	20.68	4.85	99
120		22.5	22.92	4.36	99
132		24.7	25.21	3.99	99
144		27.0	27.50	3.64	99
<b>24 Ga.—(.0276")</b>					
27½ x 72		17.3	13.75	7.27	126
84		20.2	16.04	6.23	126
96		23.1	18.33	5.45	126
108		26.0	20.68	4.85	126
120		28.9	22.92	4.36	126
132		31.8	25.21	3.99	126
144		34.6	27.50	3.64	126
<b>22 Ga.—(.0336")</b>					
27½ x 72		21.1	13.75	7.27	153
84		24.6	16.04	6.23	153
96		28.1	18.33	5.45	153
108		31.6	20.62	4.85	153
120		35.2	22.92	4.36	153
132		38.7	25.21	3.99	153
144		42.2	27.50	3.64	153

\*Refer to Footnotes on the following page.

## CORRUGATED GALVANIZED SHEETS Prime Quality

### ROOFING SHEETS—2½" CORRUGATIONS

Continued from preceding page.

Thickness	Size in Inches	Estimated Wt. Lbs. Per Sheet	Number Sq. Ft. Per Sheet	Number Sheets Per Square*	Estimated Wt. Lbs. Per Square
<b>20 Ga.—(.0396")</b>					
27½ x 72		24.90	13.75	7.27	181
84		29.05	16.04	6.23	181
96		33.21	18.33	5.45	181
108		37.32	20.62	4.85	181
120		41.51	22.92	4.36	181
132		45.36	25.21	3.97	181
144		49.73	27.50	3.64	181
<b>18 Ga.—(.0516")</b>					
27½ x 96		43.1	18.33	5.45	235
120		53.9	22.92	4.36	235
144		64.9	27.50	3.64	235

The thicknesses in inches shown above for the respective gauges are only approximate because galvanized sheets are produced to specified weights, not to specified thicknesses.

\* A square consists of 100 square feet of sheet steel after corrugating, but before laying, and does not allow for side and end laps.

### SIDING SHEETS—2½" CORRUGATIONS

Thickness	Size in Inches	Estimated Wt. Lbs. Per Sheet	Number Sq. Ft. Per Sheet	Number Sheets Per Square*	Estimated Wt. Lbs. Per Square
<b>28 Ga.—(.0187")</b>					
26 x 72		10.92	13.00	7.69	84
96		14.56	17.33	5.77	84
108		16.38	19.50	5.13	84
120		18.20	21.67	4.62	84
132		20.02	23.83	4.20	84
144		21.84	26.00	3.85	84
<b>26 Ga.—(.0217")</b>					
26 x 72		12.74	13.00	7.69	98
84		14.87	15.17	6.59	98
96		16.98	17.33	5.77	98
108		19.11	19.50	5.13	98
120		21.24	21.67	4.62	98
132		23.35	23.83	4.20	98
144		25.48	26.00	3.85	98
<b>24 Ga.—(.0276")</b>					
26 x 72		16.25	13.00	7.69	125
84		18.96	15.17	6.59	125
96		21.66	17.33	5.77	125
108		24.38	19.50	5.13	125
120		27.09	21.67	4.62	125
132		29.79	23.83	4.20	125
144		32.50	26.00	3.85	125
<b>22 Ga.—(.0336")</b>					
26 x 72		19.63	13.00	7.69	151
84		22.91	15.17	6.59	151
96		26.2	17.33	5.77	151
108		29.4	19.50	5.13	151
120		32.7	21.67	4.62	151
132		36.0	23.83	4.20	151
144		39.3	26.00	3.85	151

The thicknesses in inches shown above for the respective gauges are only approximate because galvanized sheets are produced to specified weights, not to specified thicknesses.

\* A square consists of 100 square feet of sheet steel after corrugating, but before laying, and does not allow for side and end laps.

# METAL SUPPLY INC.

800-400-6382 • sales@metalsupply.com



## HIGH CARBON STEEL SHEETS .40 to .50 Carbon Killed Steel

For ¼ inch and thicker, refer to STEEL PLATES Page 5.

Width and Thickness	Estimated Wt. Lbs. Per Sheet	Width and Thickness	Estimated Wt. Lbs. Per Sheet	Width and Thickness	Estimated Wt. Lbs. Per Sheet
<b>16 Ga.—(.0598")</b> 2.50 Lb. Sq. Ft. 30 x 120 62.50		<b>12 Ga.—(.1046")</b> 36 x 120 131.2 48 x 120 175.0 60 x 144 262.5		<b>7 Ga.—(3/16")</b> 7.50 Lb. Sq. Ft. 48 x 96 240.0 120 300.0 144 360.0 192 480.0 60 x 96 300.0 120 375.0 144 450.0 240 750.0	
<b>14 Ga.—(.0747")</b> 3.125 Lb. Sq. Ft. 36 x 120 93.75 42 x 120 109.4		<b>10 Ga.—(.1345")</b> 5.625 Lb. Sq. Ft. 36 x 120 168.7 48 x 120 225.0 60 x 144 337.5			

## ABRASION RESISTING STEEL SHEETS

**Abrasion Resisting Steel** was developed to provide a material which is highly resistant to abrasive wear. For the most part, Abrasion Resisting Steel will greatly outlast ordinary steel, and compares favorably with the relatively higher priced alloys. Abrasion Resisting Steel plates and sheets can be machined, drilled, punched and hot formed. They will withstand some bending and forming, however certain precautions are required in welding and cold forming.

### CHEMICAL COMPOSITION

Carbon.....	.35/.50	Sulphur.....	.055 Max.
Manganese.....	1.50/2.00	Silicon.....	.15/.35
Phosphorus.....	.050 Max.		

### HARDNESS

Brinell.....200/250

Abrasion Resisting Steel is used for a variety of applications, such as chute and hopper liners, concrete mixers, scraper blades, hammer mill parts, ore, sand, gravel and clay handling equipment and the like.

For ¼ inch and thicker, refer to STEEL PLATES Page 6.

Width and Thickness	Estimated Wt. Lbs. Per Sheet	Width and Thickness	Estimated Wt. Lbs. Per Sheet	Width and Thickness	Estimated Wt. Lbs. Per Sheet
<b>10 Ga.—(.1345")</b> 5.625 Lb. Sq. Ft. 48 x 120 225.0		<b>7 Ga.—(3/16")</b> 7.50 Lb. Sq. Ft. 48 x 120 300.0 240 600.0		<b>3/16"—(.1875")</b> 7.65 Lb. Sq. Ft. 60 x 120 382.5 240 765.0 72 x 120 459.0 240 918.0	

## COLD ROLLED STRIP STEEL

### DEFINITION

A flat rolled steel over ½ inch in width not exceeding a carbon content of 0.25 per cent by ladle analysis. It is produced to meet exacting and defined tolerances as to thickness, width, length and camber. Available in coils and flat lengths, and customarily described by designating a specific finish, temper and edge.

### FINISHES

Finish refers to the degree of surface smoothness of the strip and is so classified.

**NO. 1 DULL FINISH**—A matte finish which is specifically made for better adherence of paint, die lubricant and other material of a similar nature.

**NO. 2 BRIGHT FINISH**—A luster finish which is made for those applications where the method of finishing requires an extra smooth surface.

### TEMPERS

Temper indicates the mechanical properties of hardness, strength, stiffness and ductility. It is classified by degree of Rockwell Hardness.

**NO. 1 TEMPER (Full Hard)**—Thickness 0.069 and thinner Rockwell B-90 minimum thickness .070 and heavier Rockwell B-84 minimum. This temper is not intended for Cold Forming.

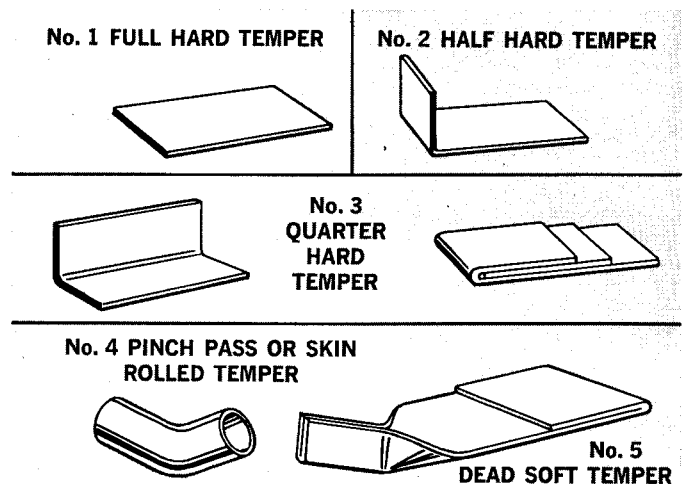
**NO. 2 TEMPER (Half Hard)**—Rockwell B-70 minimum and B-85 maximum, approximately. This temper can be bent 90 degrees across the direction of rolling around a radius equal to its thickness.

**NO. 3 TEMPER (Quarter Hard)**—Rockwell B-60 minimum and B-75 maximum, approximately. This temper can be bent 180 degrees across the direction of rolling over one thickness of the strip and 90 degrees in the direction of rolling around a radius equal to its thickness.

**NO. 4 TEMPER (Soft)**—Rockwell B-65 maximum, approximately. This temper can be bent flat upon itself in any direction.

**NO. 5 TEMPER (Dead Soft)**—Rockwell B-55 maximum, approximately. This temper can be bent flat upon itself in any direction.

**ALUMINUM KILLED QUALITY**—Specified for those uses in which stretcher straining, fluting, or breakage due to aging of the steel is likely to occur.



### TOLERANCES

For thickness, width, length and camber tolerances, applicable to Cold Rolled Carbon Strip Steel, refer to Tables on Pages 30 to 32.

Continued on following page.

# METAL SUPPLY INC.

800-400-6382 • sales@metalsupply.com



## COLD ROLLED STRIP STEEL

Continued from preceding page.

### EDGES

For various applications, different dimensional edges are available and are designated by number.

**NO. 1 EDGE**—A specific contour, usually round, of the highest degree of accuracy.

**NO. 2 EDGE**—A natural mill edge with the least degree of accuracy.

**NO. 3 EDGE**—An approximate square edge produced by slitting. The most commonly specified strip edge.

**NO. 4 EDGE**—An approximate round edge, produced by edge rolling, which is less accurate than the NO. 1 EDGE.

**NO. 5 EDGE**—A deburred slit edge.

**NO. 6 EDGE**—A square edge which is produced by edge rolling.

### All Tempers No. 1 and No. 2 Finish

Available in any width over 1/2" through 23 5/16" in coils.

Available in straight lengths up to 144".

Decimal Thickness	Estimated Wt. Lbs. Per Sq. Ft.	Decimal Thickness	Estimated Wt. Lbs. Per Sq. Ft.	Decimal Thickness	Estimated Wt. Lbs. Per Sq. Ft.
.006	.2509	.024	1.004	.062	2.593
.007	.2927	.025	1.046	.065	2.718
.008	.3346	.027	1.129	.070	2.802
.009	.3764	.028	1.171	.072	3.011
.010	.4182	.030	1.255	.074	3.095
.011	.4600	.032	1.338	.076	3.178
.012	.5018	.035	1.464	.078	3.262
.013	.5437	.040	1.673	.080	3.346
.014	.5855	.042	1.756	.083	3.471
.015	.6273	.045	1.882	.090	3.764
.016	.6691	.048	2.007	.093	3.889
.017	.7109	.050	2.091	.104	4.349
.018	.7528	.052	2.175	.109	4.558
.020	.8364	.055	2.300	.119	4.977
.022	.9200	.060	2.509	.125	5.228

## COLD ROLLED ROUND EDGE FLAT WIRE

### 1/4 Hard Temper, No. 2 Finish, No. 1 and No. 4 Edge

A flat rolled steel 1/2 inch and under in width, not exceeding a carbon content of .25 per cent by ladle analysis. It is produced to meet exacting and defined tolerances as to thickness, width, length and camber.

Available in 12' mill lengths or coils.

For thickness, width, length and camber tolerances, applicable to Cold Rolled Flat Wire, refer to Tables on Pages 30 to 32.

Decimal Thickness	Width in Inches	Est. Weight, lbs.		Decimal Thickness	Width in Inches	Est. Weight, lbs.		
		Per Lin. Ft.	12 Ft. Bar			Per Lin. Ft.	12 Ft. Bar	
.032 x	1/4	.027	.324	.062 x	7/16	.092	1.104	
	5/16	.034	.408		1/2	.105	1.260	
	3/8	.041	.492		.078 x	1/2	.133	1.596
	1/2	.054	.648			.093 x	1/4	.079
.050 x	3/16	.032	.384	5/16	.099		1.188	
	1/4	.043	.516	3/8	.119		1.428	
	5/16	.053	.636	7/16	.138		1.656	
	3/8	.064	.768	1/2	.158	1.896		
	7/16	.074	.888	.125 x	1/4	.106	1.272	
1/2	.085	1.020	5/16		.133	1.596		
.062 x	3/16	.040	.480		3/8	.159	1.908	
	1/4	.053	.636		7/16	.186	2.232	
	5/16	.066	.792	1/2	.213	2.556		
	3/8	.079	.948					