

Dealing In:
Different size and measurement of Color-coated steel sheets, Tinplate, GP sheets, CR Coils and sheets, Tin Mill black plate etc.

TINPLATE

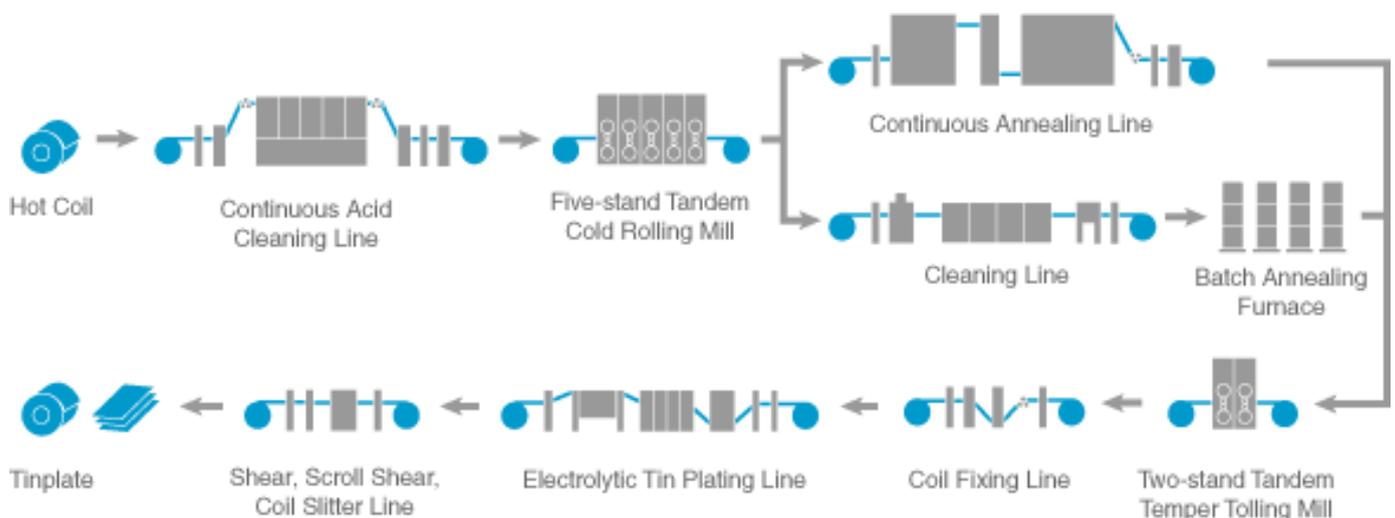
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GP sheets, CR Coils and sheets, Tin Mill
black plate etc.

❖ Manufacturing Process:



❖ Features

i) Beautiful Appearance:

Tinplate is characterized by its beautiful metallic lustre. Products with various kinds of surface finish are produced by controlling surface roughness of black plate.

ii) Excellent Paint-ability & Printability:

Printing is beautifully finished using various lacquers and inks.

iii) Excellent Formability & Strength:

By selecting a proper temper designation, appropriate formability is obtained for various applications as well as the required strength after forming.

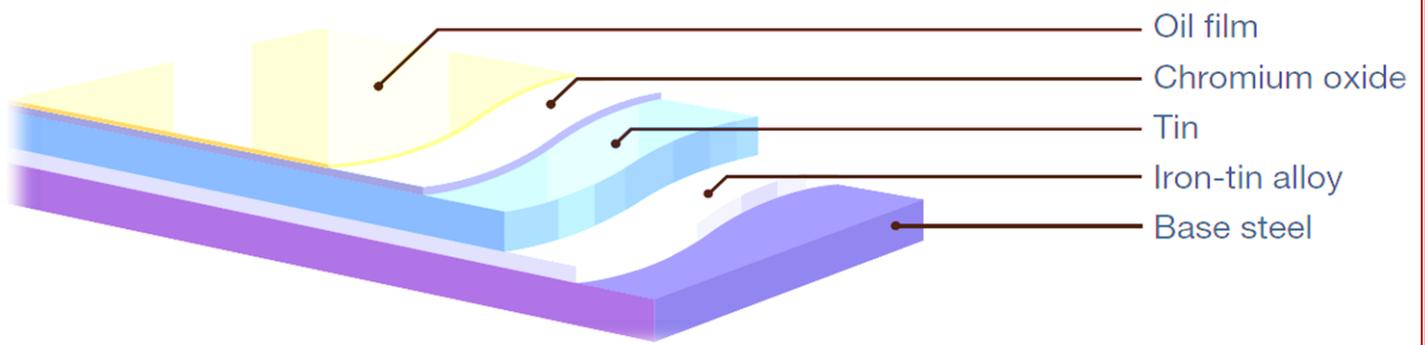
iv) Excellent Corrosion Resistance:

By selecting a proper coating mass, appropriate corrosion resistance is obtained against container contents.

v) Excellent Solderability & Weldability:

Tinplate is widely used as base metal of soldering cans and welding cans.

❖ Coating Structure



❖ Applications

Tinplate is applied to various containers such as:

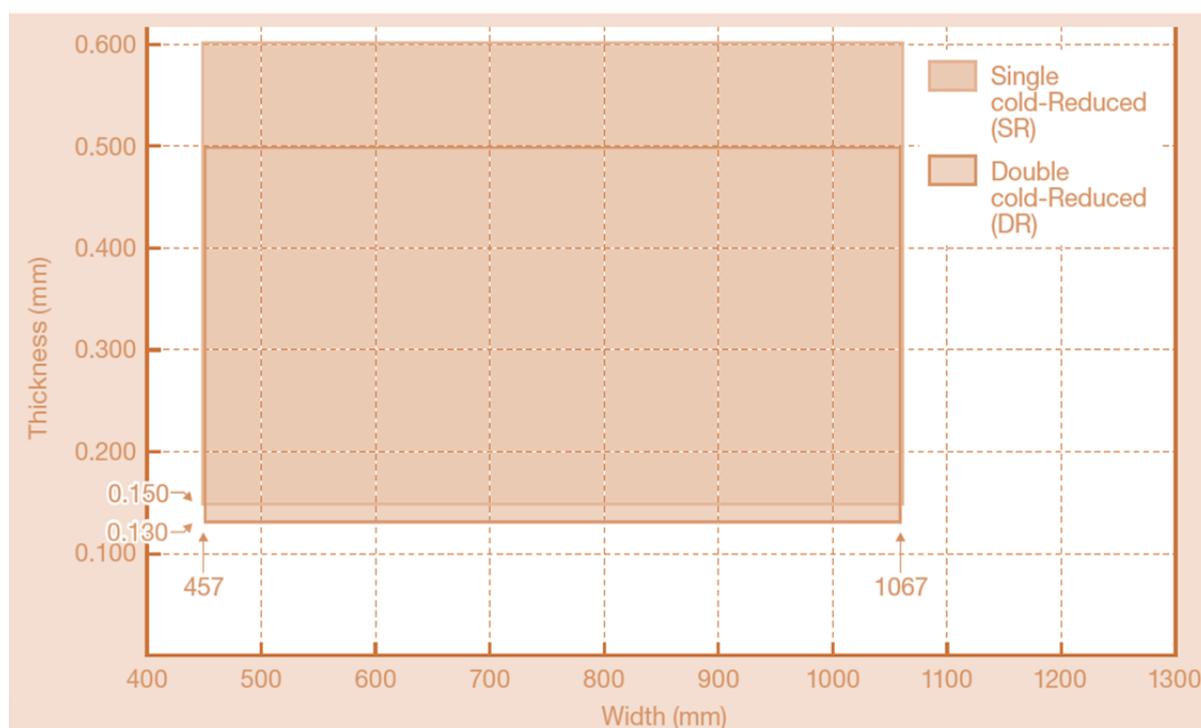


❖ Available Sizes and Specifications

• Coils:

		Single cold-Reduced(SR)	Double cold-Reduced(DR)
Thickness	mm	0.150 - 0.600	0.130 - 0.500
Width	mm	457 - 1,067	
Inside Diameter	mm	419/508	
	(inch)	(16.5/20.0)	
Outside Diameter	mm	Max. 2,130	
Coil weight	ton	1.0 - 18.0	

• Available Size:



The product-able the product-able area is changed depending on the combination of width, thickness and temper designation, so please consult us before ordering.

- Tin Coating Mass:

	Designation of Standard Tin Coating Mass (g/m ²)
Equally Coated	2.8
	5.6
	8.4
	11.2
Differentially Coated	2.8/5.6
	2.8/8.4
	2.8/11.2
	5.6/8.4
	5.6/11.2
	8.4/11.2

The tin coating mass varies depending on the application. In the case of heavier tin coating mass, it is applied to high corrosion contents and, in general, non-painting cans. On the other hand, in the case of lighter tin coating mass, it is applied to low corrosion contents and, in general, to painting cans.

Determination of Tin Coating Mass. For the method of expressing differentially coated tinplate, a continuous line near one edge of the lightly coated surface shall be used for marking. The letter "S" is added after the mass number to indicate differentially coated tinplate.

For more information on other types of differential markings, please contact us on info@steelpros.in.

- Surface Finishes:

Surface Finishes	Code	Surface Roughness Aiming Ra(μm)	Features and Applications
Bright	B	0.25	Luster Bright
Bright Stone	BR	0.30	Slight Grind Finish
Stone	R 1	0.40	Grind Finish (Scratches during printing and tin manufacturing don't show.)
Super Stone	R 2	0.60	Rough Grind Finish
Matte	M	1.00	Dull Finish. (For bottle crowns and DI cans (no-melt material in case of tinplate))
Silver 1	S 1	1.00	Dull Finish. (For artistic canisters (tinplate melt material only))
Silver 2	S 2	2.50	Rough, Dull Finish. (For artistic canisters (tinplate melt material only))