

■ Catalogue of Aluminum Sheet & Coil

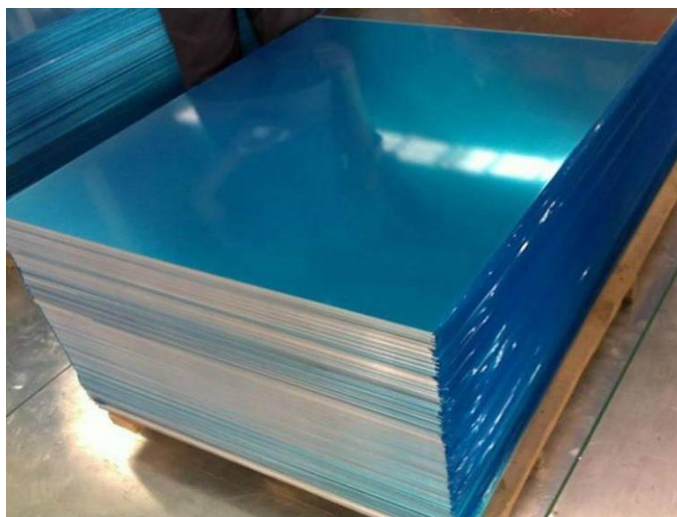
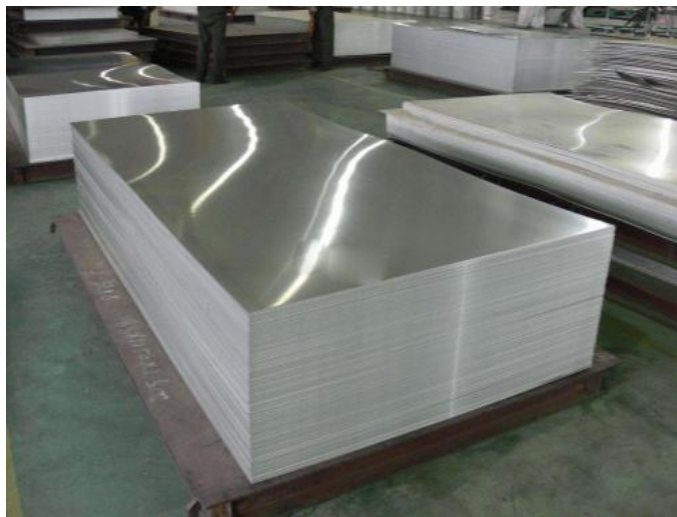


Shanghai Metal Corporation, the Leading Manufacturer of Aluminum Sheets and Coils in China, with advanced production equipment and professional team, can be your reliable and long-term partner.

Production Equipment



Aluminum Sheet/Plate



Regular Aluminum Sheet
without special surface treatment

Specifications

- Alloy: From 1xxx to 8xxx
- Thickness: 0.2mm-350mm
- Width (Hot Rolled): 8mm - 3000mm
- Width (Cold Rolled): 5mm - 2600mm

DC Processing Line



Shanghai Metal Corporation owns one DC processing line, which equipped with two heating furnaces, three cold rolling machines, two rewinders, four tension leveling machines, four slitting machines and eight annealing furnaces. The DC processing line can roll the slab ingot from 500mm to 6-8mm thickness. Then being cold rolled, the finished thickness can reach 0.2mm qualified thickness. We can supply you DC material of 1XXX, 2 XXX, 3XXX, 4XXX, 5XXX, 6XXX, 7XXX and 8XXX series aluminium sheet and coil, our annual capacity can reach 120000 MT.

Corrugated Aluminum Sheet/Plate



Grade: AA1050, 1060, 1100, 3003, 8011, etc.

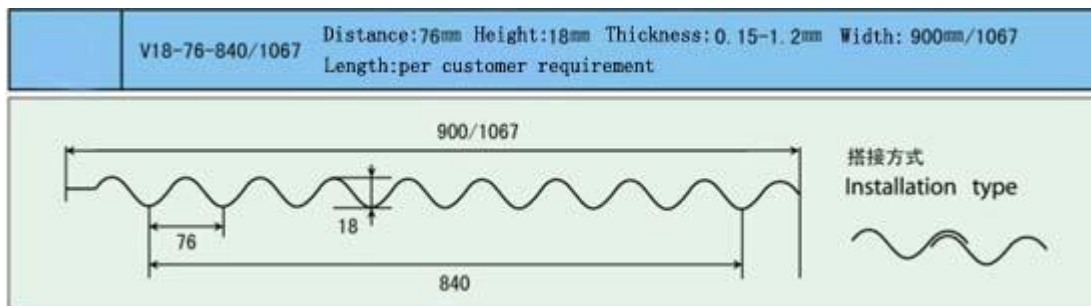
Thickness: 0.3mm - 1.5mm

Width: 820mm - 1000mm

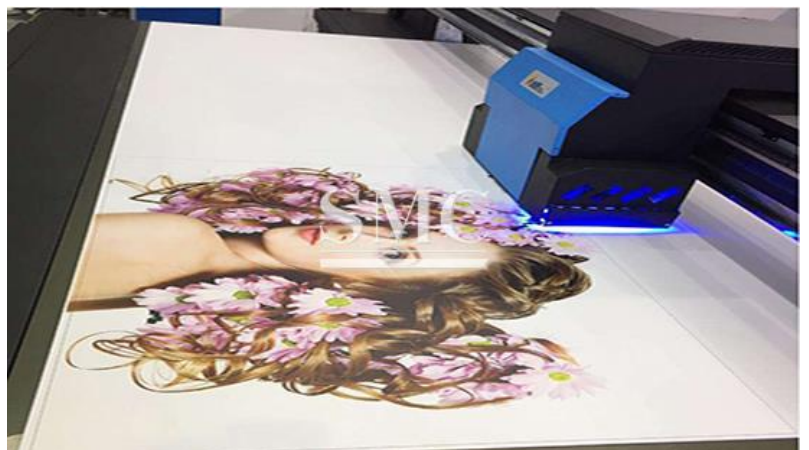
Temper: H1X, H2X

Length: per customer requirement

Tile Type



Sublimation Aluminum Sheet/Plate



Grade: 1xxx, 3xxx

Thickness: 0.45mm, 0.55mm, 0.65mm, etc.

Size: 1200x600mm, 600x400mm, 600x300mm, 1200x650mm, 650x400mm, 650x300mm.

Temper: H18

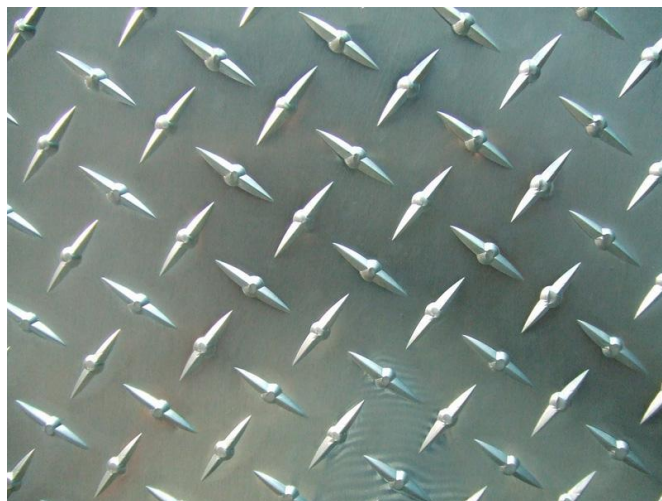
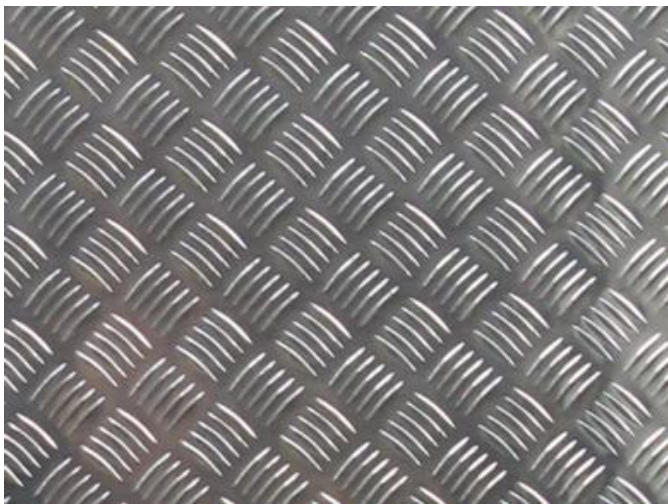
Characteristics

Color: pure white, glossy silver, mirror silver, glossy gold, mirror gold, mirror black, satin gold, satin silver, etc.

Quality: A grade

Protection film: PE film

Aluminum Checkered Sheet/Plate



Grade: 1060, 1100, 3003, 3105, 5052, 5083, 5754, 6061, etc.

Thickness: 1mm - 6mm

Width: 2200mm max.

Length: 12000mm max.

Temper: H14/H154 H24/H254 H26/H274 H18/H194 H32/H334, etc.

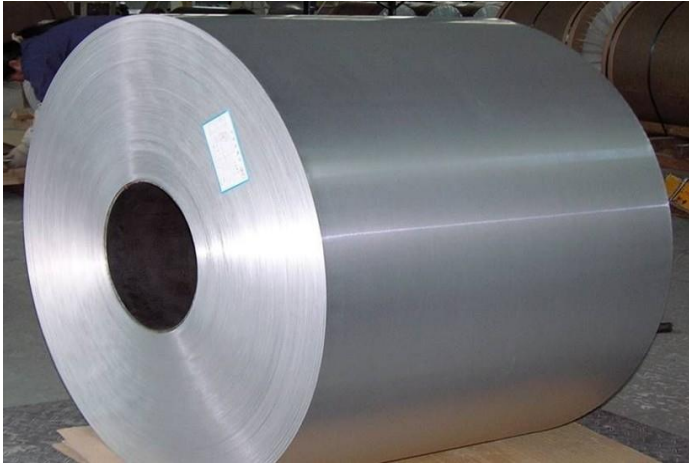
Characteristics

Checkered height: 1.0mm - 1.5mm

Checkered length: 35mm - 50mm

Accept customization

Aluminum Coil



Regular Aluminum Coil

without special surface treatment

Specifications

Alloy: From 1xxx to 8xxx

Thickness: 0.2mm-8mm

Width: up to 2600mm

Prepainted Aluminum Coil



Grade: 1xxx, 3xxx, 5xxx, 6xxx, 8xxx

Thickness: Roll Coating 0.05mm - 3.0mm; Plate Coating up to 10mm

Width: 2600mm max.

Temper: H1X, H2X, H3X, H4X

Characteristics

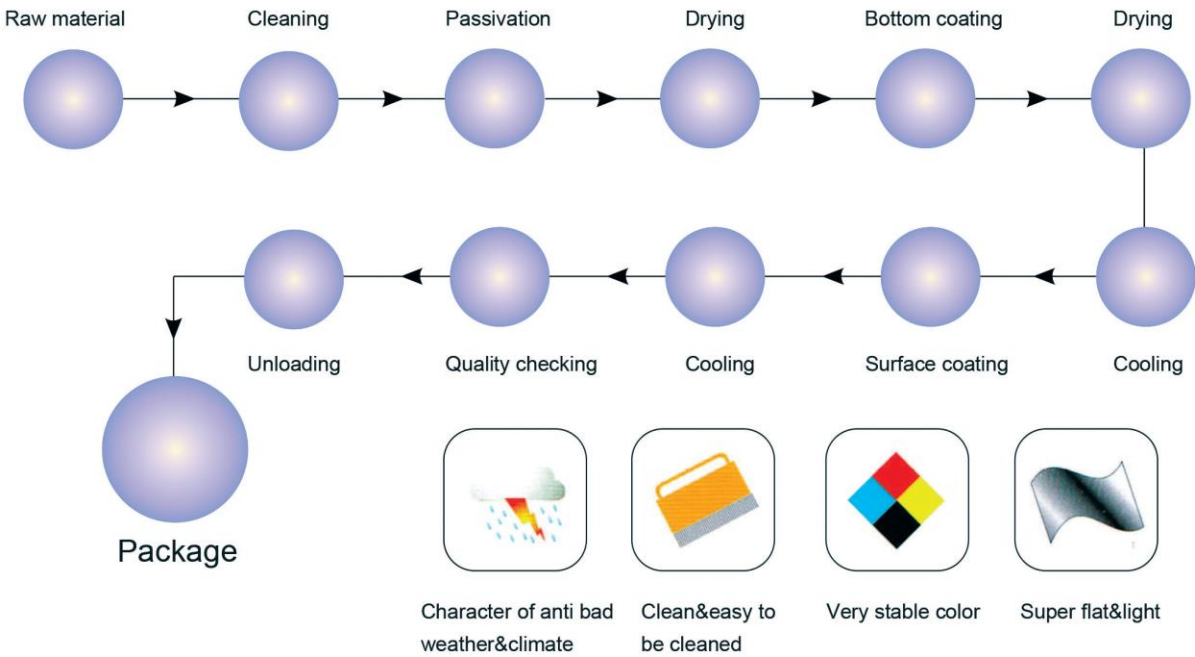
Color: Metallic, Solid, RAL or by customer requirements.

Coating paint: PVDF, PE

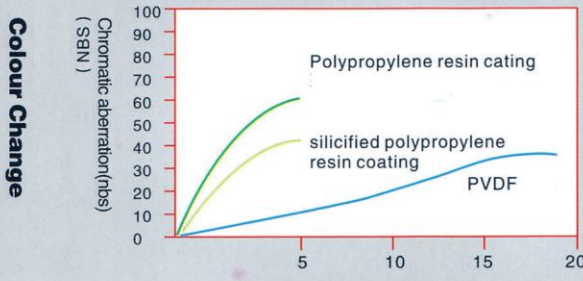
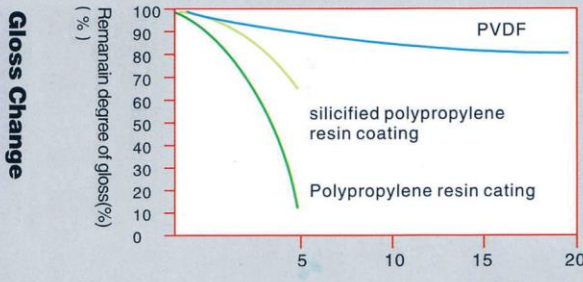
Coating thickness: as per customer's request

Protective film: PVC film, Colorless transparent or White-black

Roll Coating Line



Properties - chart



Performance contrast between KYNAR500 fluorocarbon coating and other polymerize coating

	Kynar500	Acrylic resin	Siliconpolyester	Polyester	Plasticizedsol	Polyurethane	Anodising
Weathering performance							
Colour protection	◎	▲	○	×	×	▲	▲
Gloss protection	◎	▲	○	×	×	▲	▲
Anti-powder resistance	◎	▲	○	×	×	▲	▲
Anti-moist performance	○	○	○	○	○	○	×
Physical performance							
Friction resistance	◎	▲	▲	×	▲	○	▲
Anti-impact performan	◎	▲	▲	▲	◎	▲	▲
Piabiledegree涂膜柔韧度 Of coating membrane	◎	×	×	▲	◎	○	×
Haradness	▲	◎	○	◎	▲	○	○
Anti-scratches	▲	○	○	○	▲	▲	○
Chemical Resistance							
Acid alk-resistant degree	◎	▲	▲	▲	×	▲	×
Anti-oil mark	◎	▲	○	○	○	▲	▲
Anti-water immersion	◎	▲	▲	▲	○	▲	○

◎ Good ○ better ▲ Normal × Worse

Analysing System



Chemical Composition Analysis
spectrograph

Mechanical Properties Analysis
Tensile tester


In order to improve quality of all products, we import 5 ABB Measurement and control systems from Sweden and an advanced spectrometers particularly from the British Arun company, to keep all aluminum sheets & coil have clean surface with excellent quality and high smoothness. The tolerance of their length, thickness, width and diagonal is extremely small; all of them have good Mechanical Performance and Mechanical bending performance, so that we are able to meet different production requirement of clients.

Package



Label



SMC SHANGHAI METAL CORPORATION	
DESCRIPTION Aluminum Plate	
 *676061230*	
等级 GRADE	1
尺寸 SIZE	2.5*1345*2440
发票号 INVOICE NO.	1810552-8031
牌号 GRADE	5052-H32
数量 QUANTITY	72 PC
净重 NET WEIGHT	1631 KG
毛重 GROSS WEIGHT	1738 KG
日期 DATE	2019. 1. 15
产地 PLACE OF ORIGIN	MADE IN CHINA TO INDIA BY SMC
Tel: +86-21-5830 9368 Fax: +86-21-5081 9492 sales@shanghaimetal.com www.shanghaimetal.com	

Shanghai Metal Corporation provides professional SMC and neutral labels to our worldwide customers. On the label, Products name, Material grade, Temper, Dimension, Color, Quantity of pcs, Net weight, Gross weight, Invoice number, Inspector No. and other related information will be shown. The anti-corrosion and waterproof label makes the package more professional and trackable, which is in accordance with our digital logistics system.



Shanghai Metal Corporation
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Metal products, Construction project, Containers, Machinery

