



山东港中钢铁有限公司（铝公司） SHANDONG SINO STEEL (ALUMINUM) CO., LTD

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山东港中钢铁有限公司（铝公司） SHANDONG SINO STEEL (ALUMINUM) CO., LTD



COMPANY INTRODUCTION

企业简介

山东港中钢铁有限公司铝产品分公司，隶属于山东港中钢铁集团，专业从事铝制品的销售和生产。公司在平等互利、双赢合作的基础上与国内外商广泛交流、友好合作，极大地支持了中国铝业的发展。公司的业务范围涉及铝产品批发、零售、加工及改制。

目前凭借优质的产品和服务，已将产品远销亚洲、北美、南美、非洲及中东地区，并与智利、哥伦比亚、菲律宾、澳大利亚、波兰、沙特、阿联酋等很多国家的客户建立了长期合作关系，同时拥有丰富的海外市场项目承接、产品供给及服务经验。

山东港中钢铁有限公司铝产品分公司将以促进可持续健康快速和谐发展为目标，一如既往，诚信守德，求真务实，维护并做强做大我们的品牌，继续为国内外客户提供优质的商品、一流的服务，并衷心希望与海内外客户建立起面向未来的长期双赢合作。

Shandong Sino Steel (Aluminum) Co., Ltd., affiliated with Shandong Sino Steel Group, specializes in the production and sale of aluminum products. On the basis of equality, mutual benefits, and win-win cooperation, the company has established extensive exchanges and friendly cooperation with domestic and foreign enterprises, giving its great support to the rapid development of China Aluminum industry. The company covers the business scope of aluminum products wholesale, retail, processing and restructuring.

At present, with the high quality products and services, the company has exported products to Asia, North America, South America, Africa and the Middle East; and established long-term business with customers from Chile, Colombia, Philippines, Australia, Poland, Saudi Arabia, the United Arab Emirates and many other countries, having rich experience in oversea project undertaking, product supply and customer service.

Shandong Sino Steel (Aluminum) Co., Ltd. will maintain and strengthen its brand, with the goal of promoting sustainable and harmonious development; and also continue to provide high-quality goods and first-class service, so as to establish a long-term win-win cooperation with domestic and foreign customers.

CERTIFICATES

资质证明



PRODUCT INTRODUCTION

产品介绍



系列一

Aluminum Coil/ Sheet/ Strip/ Foil
铝卷、铝板、铝带、铝箔系列

系列二

Embossed Aluminum Coil/ Sheet
花纹铝卷、板系列

系列三

Color Coated Aluminum
彩铝系列

系列四

Aluminum Corrugated Sheet
铝瓦楞系列

系列五

Customized Color Aluminum Coil/ Sheet
定制彩色铝卷、板系列







01

02

ALUMINUM

铝材

铝板/铝卷是指用铝锭轧制加工而成的铝材，分为纯铝，合金铝，薄铝，中厚铝，花纹铝。主要应用于建筑装饰、标牌、家用电器：冰箱、电梯、机械零件加工、化工/保温管道、太阳能反射片、航空航天以及军事方面等。

ALUMINUM SHEET/COIL

Aluminum sheet/coil, Rolled from aluminum ingots, including: pure aluminum, aluminum alloy, thin aluminum, thick aluminum and embossed aluminum sheet.

Application: Construction and decoration, label, household appliances: refrigerators, elevators, machining, chemical/heat pipe, solar reflecting film, aerospace and military.

铝带的纯铝或合金铸铝卷、热轧铝卷，经冷轧机轧制为不同厚度、宽度的薄板铝卷，再根据用途，经纵切机纵向切分为不同宽度的铝带。主要应用于铝塑复合管、电缆、光缆、变压器、加热器、百叶窗等。

ALUMINUM STRIP

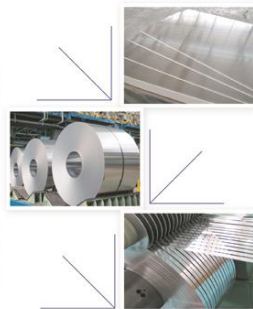
Aluminum pure or aluminum alloy coil, hot-rolled coil by cold rolling mill for thin aluminum coils with different thickness, width.

Depending on usage, longitudinal slitting machine for different widths of aluminum Strip. Mainly used in aluminum-plastic compound pipes, cables, fiber optic cable, transformers, heater, shutters, etc.

铝材主要规格参数

Specifications of Aluminum

厚度 Thickness	0.1-300mm
宽度 Width	100-1900mm
长度 Length	100-6000mm
1系列1XXX	1050 1060 1070 1100
3系列3XXX	3003 3004 3015 3A21
5系列5XXX	5052 5754 5083 5005
6系列6XXX	6061 6063
8系列8XXX	8011
状态 Temper	O, H, T



03

铝箔，用金属铝直接压成薄片的烫印材料。分为厚箔、单零箔、双零箔，具有防潮、气密、遮光、耐腐蚀、无毒无味等优点，广泛用于食品、药品、家庭日用品等作为包装材料；电容器容器材料；建筑、车辆、船舶、房屋等绝热材料；可作为装饰的金银线、壁纸以及各英文印刷品和轻工产品的装潢商标等。

ALUMINUM FOIL

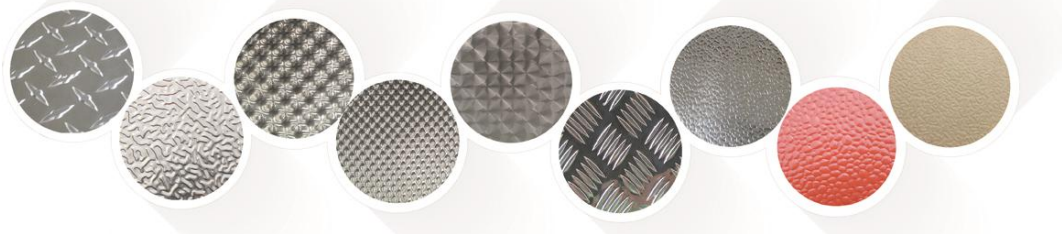
Aluminum foil, using Aluminum laminate materials pressed into thin materials directly, including into medium gauge foil, heavy gauge foil, light gauge foil. With a moisture-proof, airtight, shading, wear and corrosion, nonpoisonous and tasteless advantage, are widely used as packaging materials such as food, medicines, household; Capacitor materials; Thermal insulation materials for buildings, vehicles, ships, houses; can be used as decorative metallic yarn, wallpaper and a variety of stationery, printing and decoration of light industrial products trademark etc.

名称 Name	厚度 (Thickness)
厚箔 (heavy gauge foil)	0.1-0.2mm
单零箔 (medium gauge foil)	0.01-0.1mm
双零箔 (light gauge foil)	0.005-0.009mm

铝材力学性能 Mechanical properties of Aluminum

Grade 牌号	Si 硅	Fe 铁	Cu 铜	Mn 锰	Zn 锌	Ti 钛	Single 单个	Total 总计	Al 铝
1050	0.25	0.4	0.05	0.05	0.07	0.05	0.03	---	99.5min
1060	0.25	0.35	0.05	0.03	0.05	0.03	0.03	---	99.6min
1100	Si+Fe 0.95	0.05	0.05	0.1	---	0.05	0.15	---	99.00min
3003	0.6	0.7	0.10	1.0-1.5	0.10	---	0.05	0.15	the rest
3004	0.30	0.7	0.25	1.0-1.5	0.25	---	0.05	0.15	the rest
3105	0.6	0.7	0.30	0.3-0.8	0.40	0.10	0.05	0.15	the rest
5005	0.30	0.7	0.20	0.20	0.25	---	0.05	0.15	the rest
5050	0.40	0.7	0.20	0.10	0.25	---	0.05	0.15	the rest
5052	0.25	0.40	0.10	0.10	0.10	---	0.05	0.15	the rest
5754	0.40	0.40	0.10	0.50	0.20	0.15	0.05	0.15	the rest
5083	0.40	0.40	0.10	0.4-1.0	0.25	0.15	0.05	0.15	the rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.25	0.15	0.05	0.15	the rest
6063	0.2-0.6	0.35	0.10	0.10	0.10	0.10	0.05	0.15	the rest
8011	0.5-0.9	0.6-1.0	0.10	0.20	0.10	0.08	0.05	0.15	the rest

04



EMBOSSED ALUMINUM COIL/SHEET

花纹铝板材

花纹铝板材是一种高成本的现代材料，有很多种类，在家具中用途十分广泛，如冰箱、空调、车棚、平台、包装管道、屏风骨架、各种悬挂架、桌台脚、装饰条、拉手、走线槽及盖、椅管等等。

Application for Embossed aluminum Coil/Sheet: Mainly used in signs, billboards, building exterior decoration, bus body, high-rise buildings and factories wall decoration, kitchen sink, lamp, fan leaves, with pieces of electronic, chemical equipment, sheet metal processing parts, deep drawing or spinning hollow ware, welding parts, heat exchangers, bell surface and disk, plate, kitchenware, decorations, reflective devices, ect.

按照铝板材合金的不同分类

1. 普通铝合金花纹板：以1系铝板为板加工而成，价格低廉，能够适应冷库，地板，外包装等平常环境。
2. 铝镁合金花纹板：以3系为主要原料加工而成，又称为防锈铝板，强度稍高于普通铝合金花纹板，具有一定的防锈性能，由于硬度和耐腐蚀性不及5系花纹板材料，所以该产品主要应用在货车车型，冷库地板等防锈要求不严格的环境。
3. 铝镁合金花纹板：以5系的铝板为原料加工而成，具有良好的耐腐蚀性，防锈性，硬度。有一定的承重能力，通常应用在特殊环境，比如船舶、车棚灯、潮湿环境。

Division	Description	Application	Feature
1000 SERIES	1050, 1060, 1070, 1100 1235 representative series aluminum plate is also known as pure aluminum in the series in 1000 series belongs to all the alumina quantity of a maximum number of series.Purity can achieve 99.00% above	Utensil,decoration,refe cting plate,printing plate,heatproof plate,cookware	Easy to process and weld, resistance to rust, high conductivity of electricity and heat low strength
3000 SERIES	3003 series aluminum represents 3003, 3004, 3005, 3A21 primarily. And can be called in the 3000 series aluminum anit-rust aluminum production process more outstanding. The 3003 series aluminum plate is by manganese as the main component. Content of 1.0-1.5 between. Is a rust-proof function better series. Conventional application in the air conditioning, the refrigerator, such as car in damp environment	Utensil (P inside of rice cooker), aluminum can, material for interior and exterior of building, chemical equipment, cellular phone	20% higher strength than the 1100 series, easily welded and brazed, good anti-rustability. Non-heat treatable
5000 SERIES	5000 series Represents 5052 5005 5083, 5754. The 5000 series aluminum alloy aluminum baking for the more commonly used series, the main elements for magnesium, with magnesium in the amount between 3-5%. And can be called aluminum magnesium alloy. Key features for low density, high tensile strength, elongation rate is high. In the same area under the weight of the magnesium alloy aluminum less than other series	Ship board heatproof apparatus material for interior and exterior of Electric tools, Automobile Components	Excellent corrosion resistance and weld ability together with easy to process and welded and superior hardness/heatproof. Can be anodized for increased corrosion resistance
6000 SERIES	6000 series represents 6061 mainly contain magnesium and silicon of two elements, so focused on the 4000 series and the advantages of the 5000 series 6061 is a cold treatment aluminum forging products, apply to fight against corrosion, oxidizing demanding applications.	IT equipment & facility, Mould material, motor material, automatic line, machine & plant etc	Easy to process, good corrosion resistance, high toughness and processed without distortion after heat-treatable, superior surface treatment

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COLOR ALUMINUM SHEET

彩铝系列

彩涂铝卷：彩钢板的完美替代品

采用1060、1100、3003、3004、5052等系列铝材基板，经过特殊的前处理、温度控制、特殊技术处理、粘性更佳。

广泛应用于铝塑板、铝单板、铝蜂窝板、铝天花板、屋顶面、边角料、易拉罐、电子产品。其性能十分稳定，不易被腐蚀，表层经特殊处理后可以达到30年质量保证。单位体积的重量是金属材料最轻的，彩涂铝，是目前一种最流行的新型材料。

Color coating aluminum sheet: Perfect Alternative for Color Steel sheet.

Color coating aluminum sheet is based on the material of Series 1060, 1100, 3003, 3004, 5052, etc., after temperature control and special technical treatment, getting better adhesion.

Now it is widely used in aluminum-plastic panel, plate, honeycomb panel, ceiling, roofing, scrap, cans and electronic products. Aluminum color plate could be used for 30 years with its stable performance, anti-corrosion and less weight, which has already become one of the most popular materials.

Color Coating涂层厚度：PVDF (氟碳) 25micron 以上；
POLYESTER (聚酯) 15~20 micron.



10

好心脏，才有好身体。好芯材，才有更好的产品。
Healthy body with strong heart, excellent products with better core materials.

彩铝卷的特点
Color coating aluminum sheet Feature

耐久性 Durability	与大气形成氧化铝薄膜，防止被进一步腐蚀。 Aluminum oxide film against further corrosion.
重量 Weight	重量轻 (密度为2700KG/m³) Light weight (density : 2700KG/m³)
强度和刚度 Strength and Stiffness	铝合金中you镁、铝的含量，因此具有一定的强度和刚度。 Aluminum content in MN and MG with better strength and stiffness
外观性 Appearance	可分为非涂漆 (锤纹、压花、预氧化铝表面处理等) 和涂漆类 (PVDF、SMP、PE、PVC皮膜等) Painting (Embossed and surface treatment) and without painting (PVDF、SMP、PE、PVC coating)
防雷性能 Lightning protection capability	厚度一般为0.7MM和0.9MM, 可直接作为防雷连接器 (国家标准《建筑防雷设计规范》GB50057), 避免在屋面上穿孔。 Thickness between 0.7mm and 0.9mm, as lightning flash connector (National Standard 《Building Lightning Protection Design Specification》GB50057), to avoid roof perforation.
安全消防 Safety and Firefighting	熔点低 (660摄氏度)，发生火灾时，表面易被烧穿，使火势向外蔓延，而不向内横向蔓延，有助于消防队员从顶部射入消防水灭火。 Low melting point (660 degrees), The material burn easily, so the fire spread outward instead of inward. This helps firefighters keep the fire under control.

10

ALUMINUM CORRUGATED SHEET

铝瓦楞板

铝瓦楞板, 又称为瓦楞铝板、压型铝板、铝瓦等, 是采用铝板经过辊压冷弯成各种波形的压型板, 它适用于工业与民用建筑、仓库、特种建筑、大跨度钢结构房屋的屋面、墙面以及内外墙装饰等, 具有质轻、高强、色泽丰富、施工方便快捷、抗震、防火、防雨、寿命长、免维护等特点, 现已被广泛推广应用。

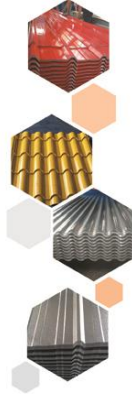
Aluminum corrugated steel sheet, also known as corrugated aluminum sheets, aluminum tiles, etc., is the aluminum sheet with various wave forms through rolling and cold bending. It applies to industrial and civil construction, warehouses, special buildings, and building decorations. It has the characteristics of light weight, high strength, rich color, convenient construction, earthquake resistance, fireproofing, rainproof, long life, maintenance-free, etc., which has been widely used.

厚度 Thickness 0.13mm-0.8mm

长度 Length 2.5m, 3.0m, 5.8m or according to customer's special request

Main tile types :

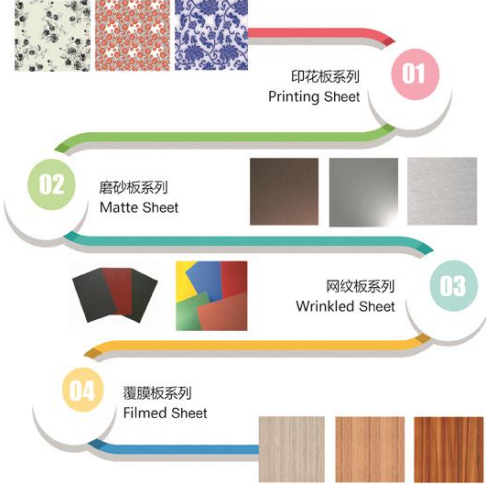
瓦型 TYPE	YK95-125-750	用途 APPLICATION
有效宽度 (MM) EFFECT WIDTH	750	屋盖、墙面 ROOF AND WALL PANEL
展开宽度 (MM) FEEDING WIDTH	1000	
瓦型 TYPE	YK25-225-840	用途 APPLICATION
有效宽度 (MM) EFFECT WIDTH	840	屋盖、墙面 ROOF AND WALL PANEL
展开宽度 (MM) FEEDING WIDTH	1000	
瓦型 TYPE	YK15-225-900	用途 APPLICATION
有效宽度 (MM) EFFECT WIDTH	900	屋盖、墙面 ROOF AND WALL PANEL
展开宽度 (MM) FEEDING WIDTH	1000	
瓦型 TYPE	YK12-60-850	用途 APPLICATION
有效宽度 (MM) EFFECT WIDTH	850	屋盖、墙面 ROOF AND WALL PANEL
展开宽度 (MM) FEEDING WIDTH	1000	



11

CUSTOMIZED COLOR COATED ALUMINUM SHEET

定制彩铝



12

HIGH PRECISION EQUIPMENT

生产线



13

13

QUALITY ASSURANCE

我们的品质保证 ▶



国内销售网络
DOMESTIC SALES NETWORK



国际销售网络
INTERNATIONAL SALES NETWORK



SALES NETWORK

销售网络 ▶

客户的成功，始终是我们前进的动力，
坚持打造港中与客户的价值产品平台

THE CUSTOMER'S SUCCESS IS ALWAYS THE DRIVING FORCE OF OUR PROGRESS,
ADHERE TO BUILD THE VALUABLE PLATFORM BETWEEN SINO AND CUSTOMERS