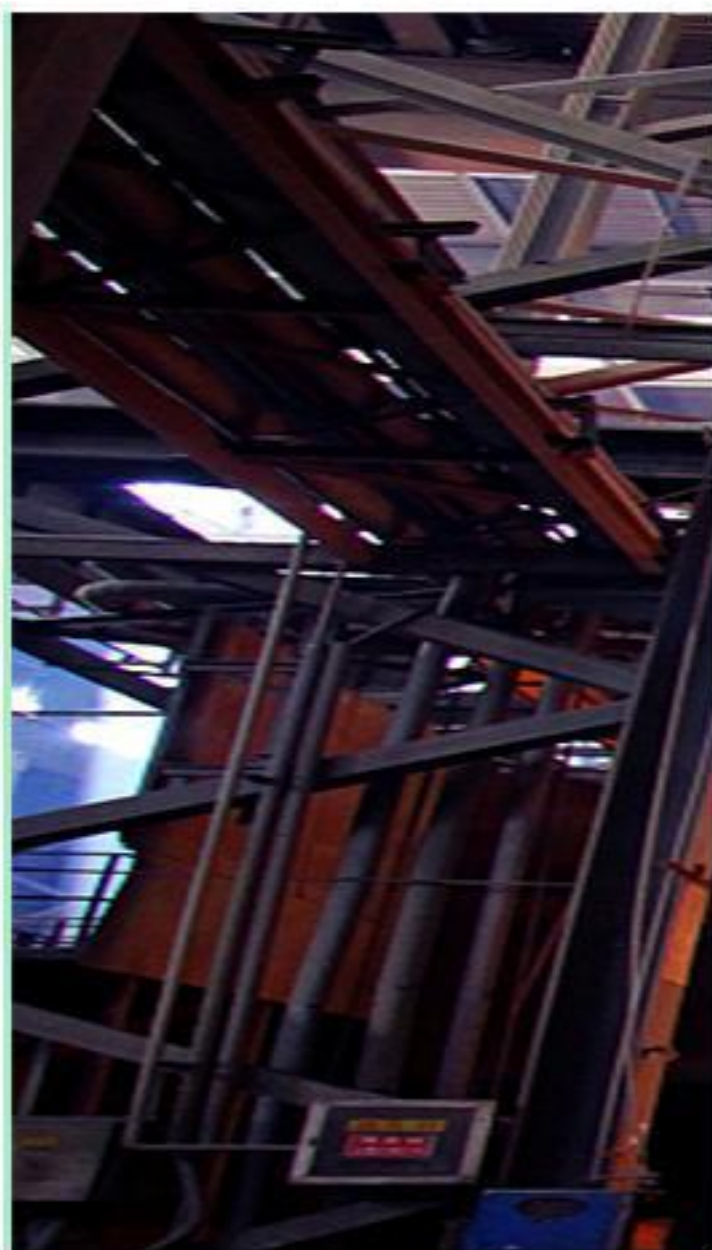




青岛河晏钢结构有限公司

QINGDAO HEYAN STEEL STRUCTURE CO.,LTD

ADD: 青岛市市北区龙城路31号

No. 31, Longcheng Road, Shibei District,
Qingdao City

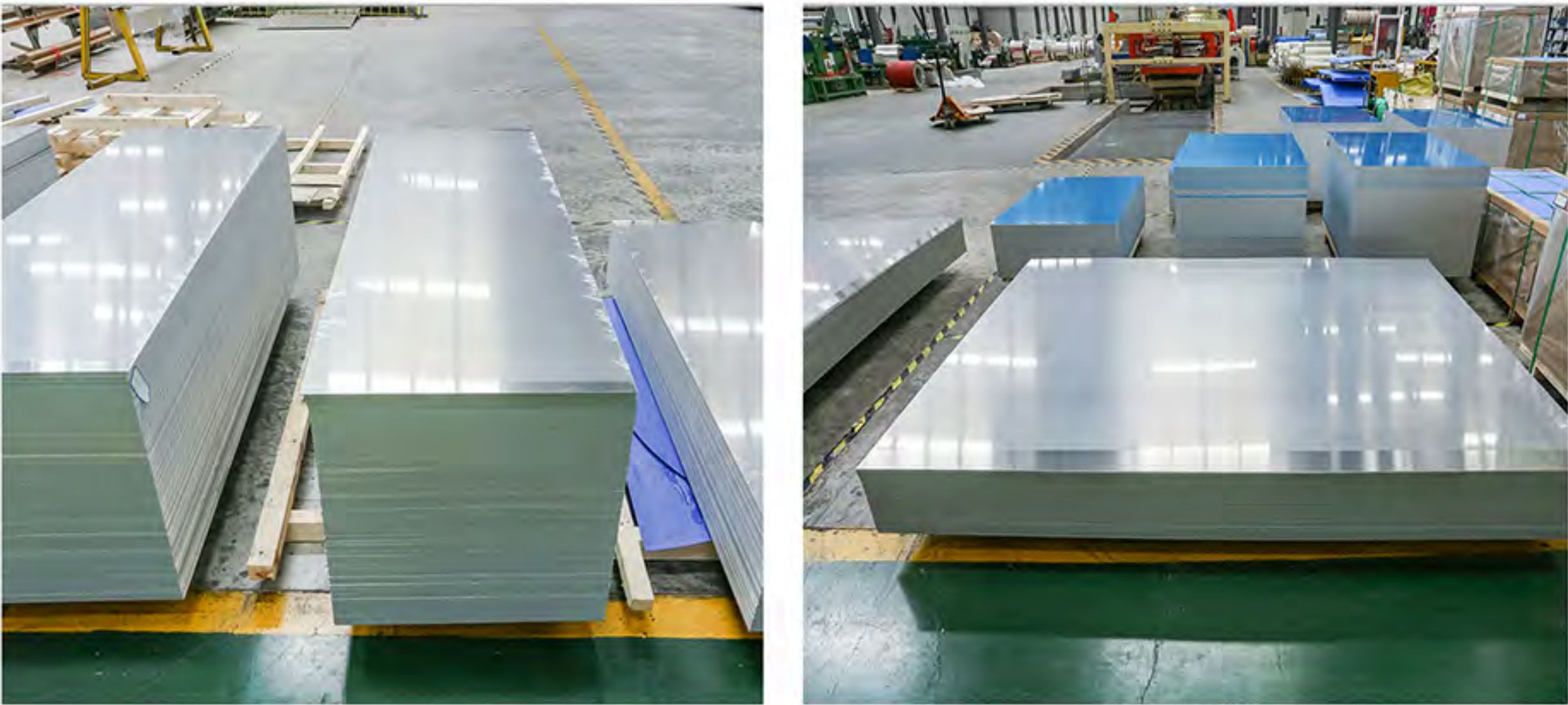
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ALUMINUM PLATE

Aluminum plate is the thickness of more than 0.2mm to 500mm below,200mm width above, the length of 16m within the aluminum material is called aluminum plate or aluminum sheet, less than 0.2mm for aluminum,200mm width within the row or strip(of course with the progress of large equipment, the widest aluminum plate can do more than 600mm).

Aluminum plate refers to the rectangular plate made by aluminum ingot roling, which is divided into pure aluminum plate, alloy aluminum plate, thin aluminum plate, medium and thick aluminum plate, decorative pattern aluminum plate.



CHEMICAL COMPOSITION AND PROPERTIES

Tensile strength(b):	170~305MPa
Modulus of elasticity(E):	69.3~70.7Gpa
Conditional yield strength:	$\sigma_{0.2}$ (MPa)≥65
The annealing temperature is:	345℃.

Aluminum Al:	Zinc:	Si:	Manganese Mn:	Copper Cu:	Cr:	Magnesium Mg:	Iron Fe:
margin;Silicon	0.1	0.25	0.1	0.1	0.15~0.35	2.2~2.8	0.40

SPECIFICATIONS

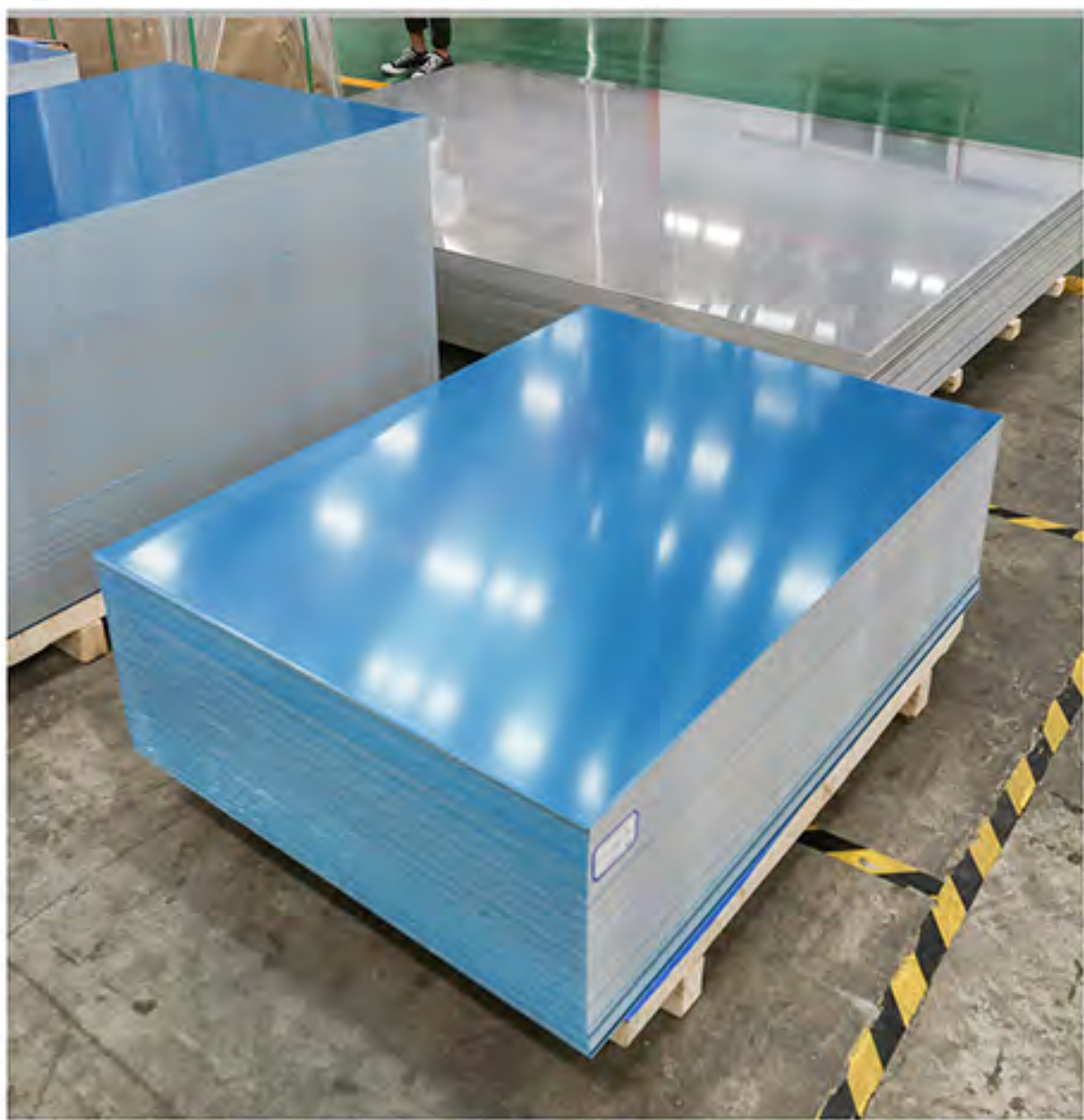
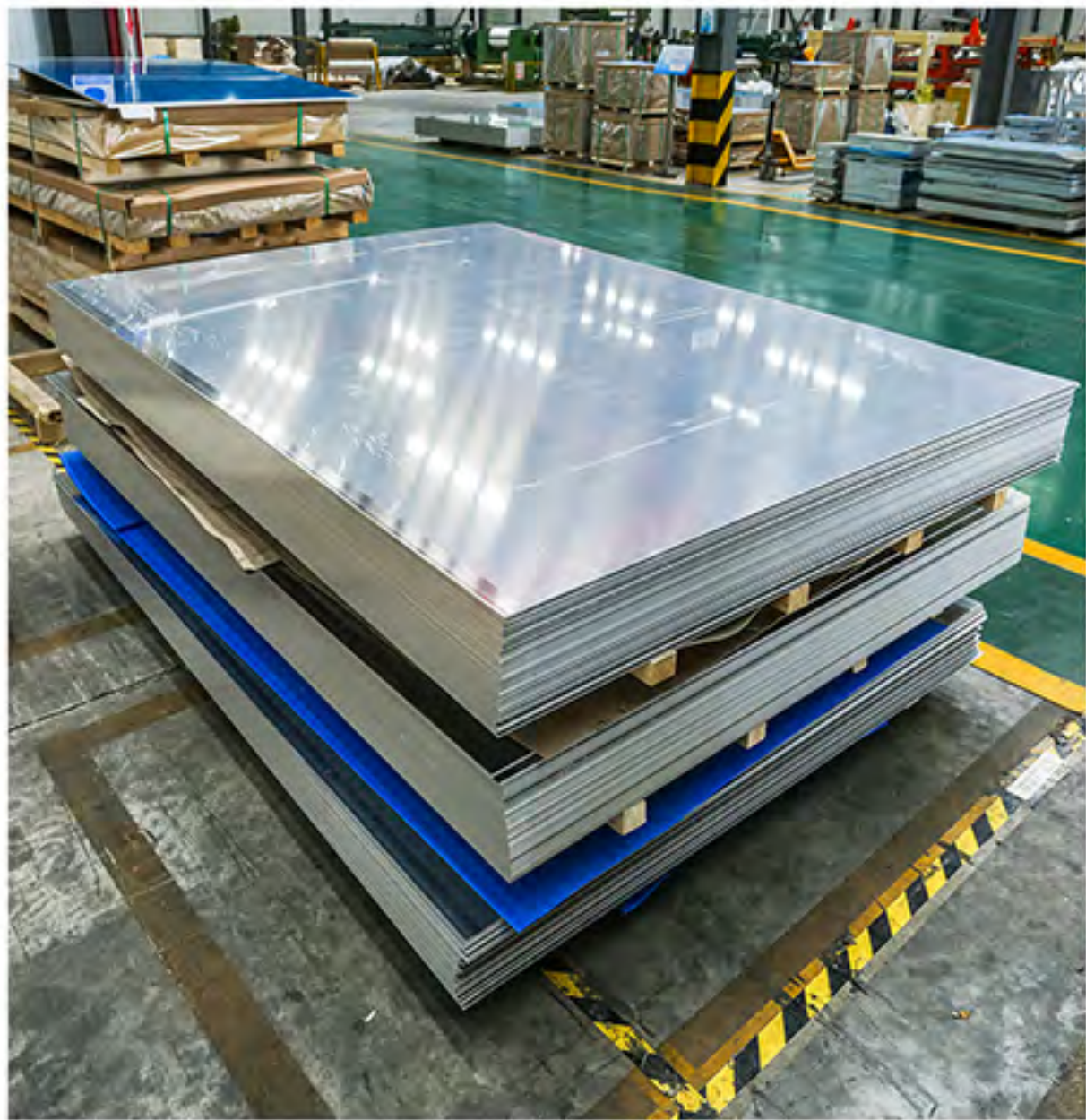
Thickness	0.1-400mm, etc	Length:	100-12000mm, or as required
Width	20-3000mm, etc	Standard:	ASTM , AISI, JIS, GB, DIN, EN
Certification	ISO , SGS , BV		
Surface finish	mill\bright\polished\hair line\brush\sand Blast\checkered\embossed\etching etc		
Grade	1000 Series: 1050 1060 1070 1100 1200 1235 etc.		
	3000 Series: 3003 3004 3005 3104 3105 3A21 etc.		
	5000 Series: 5005 5052 5083 5086 5154 5182 5251 5754 etc.		
	6000 Series: 6061 6063 6082 6A02 etc.		
	7000 Series: 7050 7475 7075 etc.		
Temper	H12,H14,H16,H18,H20,H22,H24,H26,H28,H32,H36,H38,HO,H111,H112,H114,H116,H118,H321.		

warehouse





Aluminum plate



PRODUCT NAME	WIDTH (mm)	THICKNESS (mm)	APPLICATION
Medium thickness aluminum plate	500-3000	4.5-600	Shipbuilding, automobile, construction machinery, pressure vessels and other fields, such as: aluminum tank trailer
deep drawing steel Plates	30-2600	0.15-3.5	Storage devices, tableware, electrical appliances, lamp parts and other fields, such as: lamp cover
alumite oxidized plates	30-2600	0.2-7.0	Rail transit, automobile vehicles, ship transportation, electronic appliances, construction and engineering molds and other fields
Embossed aluminum Plates	100-2600	0.8-7.0	Construction, vehicles, ships and other anti-skid flooring, decoration and other fields, such as anti-skid flooring
Alloy aluminum plates	30-3000	0.2-600	Shipbuilding, auto parts, architectural decoration, hardware parts and other fields
Brazed aluminium plates	≤2200	1.0-3.0	Oxygen production equipment and automotive industry radiators and other fields, such as industrial radiators

ALUMINIUM STRIP



PRODUCT NAME	WIDTH (mm)	THICKNESS (mm)	APPLICATION
CTP base PS base	5400-1600	0.10-0.5	Positive PS version, thermal CTP version, photosensitive CTP version, UV-CTP version offset plate
Battery shell material	200-1500	0.4-0.6	Mobile phone battery shell end cover, power battery shell industry and other fields
Cap Material	100-1600	0.15-0.5	Wine, beverage, cosmetics and other bottle cap packaging fields
PPGL Coil	≤1600	0.2-2.5	Construction industry, interior decoration, electronic product shell road signs and other fields
Aluminum Bright Plates	500-1600	0.28-1.6	Lighting lighting, interior decoration, electronic product shell signs and other fields

ALUMINIUM FOIL



PRODUCT NAME	WIDTH (mm)	THICKNESS (mm)	APPLICATION
Medicinal aluminum foil	100-1600	0.01-0.2	Drug capsule, tablet, particle packaging and other fields
Battery pack aluminum foil	100-1600	0.035-0.055	Battery soft foil and other fields
electron aluminum foil	100-1600	0.02-0.055	Electronic components and other fields
Aluminum-tape	100-1600	0.016-0.4	Refrigerator, air conditioning, automobile, petrochemical, bridge, hotel, electronics and other industries
Food packaging foil	300-1100	0.01-0.2	Food packaging and other areas
Heat sealing foil	300-1100	0.01-0.1	Food packaging and other areas

ALUMINIUM PIPE

Aluminium pipe can have one or more closed through holes, wall thickness, uniform cross section, in straight line or roll delivery. Widely used in automobile, ship, aerospace, aviation, electrical appliances, agriculture, mechanical and electrical, household and other industries.



ALUMINIUM PIPE

Thickness	Thickness	Thickness	Thickness
1000 Series	10,501,060, 1070,1100,1200	Utensil,decoration, reflecting plate,printing plate, heatproof plate	-Easy to process and weld,resistant rust,high conductivity of electric and hear,low strength ·Kinds of Cookware
2000 Series	2014,2017,2024,2A16(LY16) 2A12(LY12)2A06(LY6)	Aeronautics and Astronautics	High hardness,The highest copper content
3000 Series	30,033,004, 30, 053,105, 3104,3A21	Utensil(F/P, inside of rice cooker). aluminum can,material for interior and exterior of building	-A3003:Anodizing Cook wares,frying pan, coating,cooker,electric rice cooker, Mobile phone cover and Battry case
5000 Series	5083,5052,5754, 5005,5083,5A05, 5086,5A02,5182, 5252,5454,5A06	Ship board heatproof apparatus, material for interior and exterior of building, Parts of Electronic tools, Automobile Components	-Eeasy to process and weld and superior hardness and hearproof
6000 Series	60,616,063,6082	IT equipment and facility, Mould material,motor material, Automatic line, machine and plant etc.	Easy to process,superior surface treatment
7000 Series	7075,7050,7A04, 7A09,7005	Aircraft structure and Futures	High stress structure parts and mould manufact- uringwith high strength and corrosion resistance
8000 Series	8011	kitchen utensils,Bottle cap	-8000 series is duable to process with special alloy

Thickness	0.4mm-20mm or as your required	Length:	5m-2000 mm or as your required
Outer Diameter	10-2500mm or as your required	Standard:	ASTM,AISI,JIS,GB,DIN,EN
Surface Treatment	Anodized, brushed, polished, mill finished, power coated, sand blast.		
Surface Protection	Oleo phobic coating,protective film, paint coating		
Technique	0.4mm-20mm or as your required	Tolearnce	5m-2000 mm or as your required
Shape	10-2500mm or as your required	Certification	ASTM,AISI,JIS,GB,DIN,EN
Grade	1000 Series:1050 10601070 1100 1200 1235 etc. 3000 Series:3003 3004 3005 3104 3105 3A21 etc. 5000 Series:5005 5052 5083 5086 5154 5182 5251 5754 etc. 6000 Series:6061 6063 6082 6A02 etc. 7000 Series:7050 7475 7075 etc. 8000 series:8011		
Application	Aluminium pipes are widely used in aircraft structure, rivets, missile components truck wheel, screw elements, frame work, support columns, gatesand other various structrues.		
Application	H12,H14,H16,H18,H20,H22,H24,H26,H28,H32,H36,H38,HO,H111,H112,H114,H116,H118,H321.		

ALUMINIUM BAR



Aluminum is a kind of light metal, and its compounds are widely distributed in nature. The resources of aluminum in the earth's crust are about 40 to 50 billion tons, ranking the third place only after oxygen and silicon. It is the first kind of metal among metal varieties. Aluminum has special chemical and physical properties. It is not only light in weight and firm in texture, but also has good ductility, electrical conductivity, thermal conductivity, heat resistance and nuclear radiation resistance. It is an important basic raw material for national economic development.



ALUMINIUM BAR



Composition								
Al	Si	Cu	Mg	Zn	Mn	Ti	Cr	Fe
allowance	0.20~0.60	0.10	0.45~0.90	0.10	0.10	0.10	0.10	0.35

Outer diameter	5m-650mm	Length:	100-12000mm or as required
Processing	Extrusion/cold drawn	Standard:	ASTM,AISI,JIS,GB,DIN,EN
Certification	IISO,SGS,BV		
Surface finish	Anodized,Powder coating,Electro-coating Transfer paper printing,PVDF,Mill finish,Polishing Brushed		
Grade	1000 Series:1050 10601070 1100 1200 1235 etc. 3000 Series:3003 3004 3005 3104 3105 3A21 etc. 5000 Series:5005 5052 5083 5086 5154 5182 5251 5754 etc. 6000 Series:6061 6063 6082 6A02 etc. 7000 Series:7050 7475 7075 etc.		
Temper	H12,H14,H16,H18,H20,H22,H24,H26,H28,H32,H36,H38,HO,H111,H112,H114,H116,H118,H321.		

PACKAGING AND TRANSPORTATION

Strong and high pallets to avoid damage by fork lift; Inner plastic film to prevent water; Outer carton or plywid to prevent scratch; More steel or woven straps to ensure the stability of package; Fortified angle bead.

