

ALUMINUM COIL/STRIP

info@gneeralu.com
sales@gneeralu.com



Product Name	Aluminum Coil
Grade	1000 Series: 1050 1060 1070 1100 etc.
	2000 Series: 2024 2017 2A11 2A12 2A14 LY12 etc.
	3000 Series: 3003 3004 3A21 etc.
	4000 Series: 4A01 4A11 4A13 4343 etc.
	5000 Series: 5052 5083 5754 5182 5A02 5A03 5A05 5A06 etc.
	6000 Series: 6061 6063 6082 etc.
	7000 Series: 7075 7050 7A04 7A09 etc.
	8000 Series: 8011 8090 8091 8093 etc.
Temper	H12,H14,H16,H18,H20,H22,H24,H26,H28,H32,H36,H38,HO,H111,H112,H114,H116,H118,H321 etc.
Surface Finish	Mill,Bright,Polished,Hair Line,Brush,Sand Blast,Checkered,Embossed,Etching etc.
Width	20-3000mm or as required
Length	1-12m or as required
Thickness	0.1-400mm or as required
Standard	AISI, ASTM, GB, BS, EN, JIS, DIN etc.

Series	Common Grade	Application	Characteristic
1xxx	1050 1060 1070 1100 etc.	Relatively soft, mainly used for decoration or interior decoration.	The purity of the series with the most aluminum content can reach more than 99.00%. The aluminum formability and surface treatment of the first series are good, and its corrosion resistance is the best among aluminum alloys. The higher the purity, the lower the strength.
2xxx	2024 2017 2A11 2A12 2A14 LY12 etc.	It belongs to aviation aluminum and is used as a structural material, which is not often used in conventional industry at present.	It is characterized by high hardness but poor corrosion resistance. Among them, the original copper content is the highest, and the copper content is about 3-5%.
3xxx	3003 3004 3A21 etc.	It is commonly used for tanks and tanks of liquid products, building processing parts, building tools, various lamp parts, and various pressure vessels and pipes for thin plate processing.	With manganese as the main component, the content is between 1.0-1.5. It is a series with good rust prevention function. The formability, dissolution and corrosion resistance are all good.
4xxx	4A01 4A11 4A13 4343 etc.	It belongs to building materials, mechanical parts, forging materials and welding materials.	Generally, the silicon content is between 4.5-6.0%, and the strength is relatively high when the silicon content is high. The melting point is low, and the corrosion resistance is good. It has the characteristics of heat resistance and wear resistance.
5xxx	5052 5083 5754 5182 5A02 5A03 5A05 5A06 etc.	It is also widely used in conventional industry.	It belongs to the commonly used alloy aluminum plate series. The main element is magnesium, and the magnesium content is between 3-5%. Low density, high tensile strength and high elongation.
6xxx	6061 6063 6082 etc.	It can cast more complicated structures, and can be used as parts with buckles, such as battery covers.	Mainly containing magnesium and silicon, 6061 is a cold-treated aluminum forging product, which is suitable for applications requiring high corrosion resistance and oxidation resistance. Good usability, easy coating and good processability.
7xxx	7075 7050 7A04 7A09 etc.	Belongs to Aviation series.	It mainly contains zinc, and also belongs to Aviation series. It belongs to superhard aluminum alloy and has good wear resistance.

Aluminum rolls are widely used in electronics, packaging, construction, machinery, etc. according to the different metal elements contained in aluminum rolls, aluminum rolls can be roughly divided into nine series.

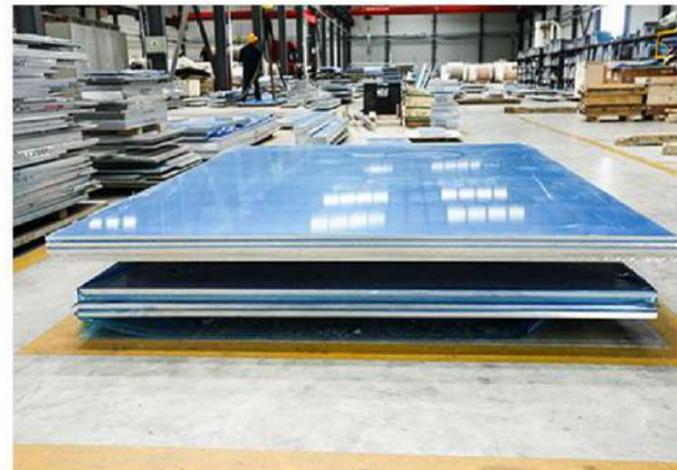
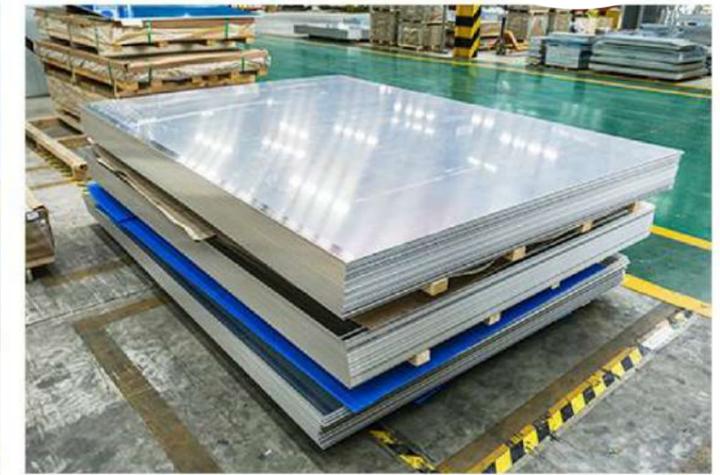
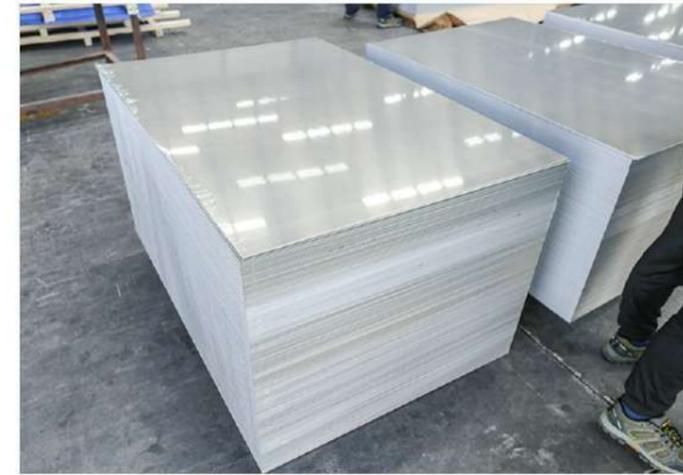
ALUMINUM PLATE/CORRUGATED SHEET

info@gneeralu.com
sales@gneeralu.com



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

Aluminum plate refers to the rectangular plate processed by aluminum ingot rolling, which is divided into pure aluminum plate, alloy aluminum plate, thin aluminum plate, medium thickness aluminum plate, pattern aluminum plate.



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 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.		

ALUMINUM PIPE/TUBE

info@gnealu.com
sales@gnealu.com



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.



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	-Easy 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	Tolearncce	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.		

ALUMINUM BAR/ROD

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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.



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.		
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