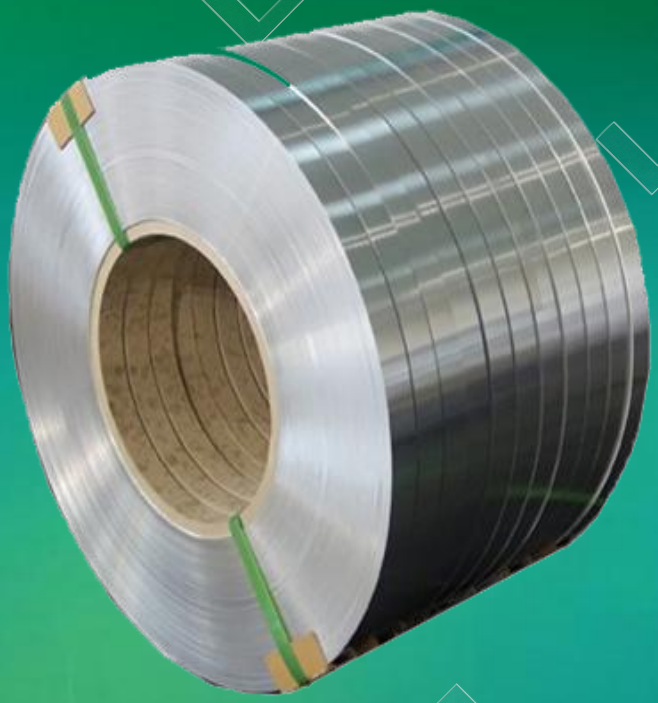
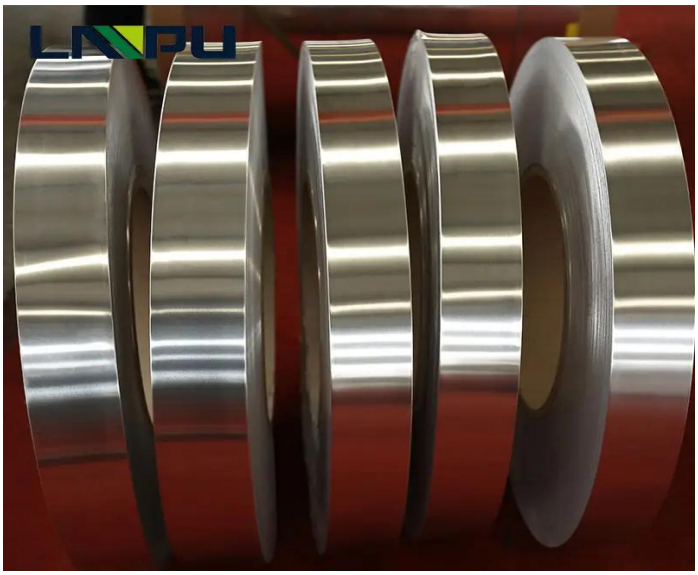
ALUMINUM FOIL



ALUMINUM STRIP

Aluminum strip is a kind of flat strip made of aluminum material. Aluminum strips are produced by rolling aluminum ingots or billets through a series of rolling mills, which reduce the thickness and shape the metal into a strip form.

LNPU
郑州蓝普实业有限公司
ZHENGZHOU LP INDUSTRY CO.,LTD



LP Industry has experienced team for Enameled Wires, advanced technology, excellent equipment, strict management is the foundation of the company continuous development and expansion, and the Enameled Wires win the trust of customers. We believe that through our continuous efforts and pursuit, we will be able to achieve mutual benefit and win-win with our customers!

Aluminum Strips

Conductor	Aluminum Strip/Foil
Grade	1050/1060/1070/1350 etc
Temper	Soft(O); Hard(H)
Dimension	Thickness 0.2-3.0mm Width 20-1500mm
Tolerance:	±1%
Standard	ASTM, EN485-4, GB/T3880.2-2006
Packing	In coil, inner diameter,300m,400mm,500mm etc.
Application	Winding of transformers, large scale motors, generator and stators etc.

Packing Modes

LP Aluminum Strips Application:

Electrical Conductors: Aluminum strips are extensively used as electrical conductors in power transmission lines, electrical cables, and bus bars. They offer high conductivity while being lighter in weight compared to copper, making them an ideal choice for electrical applications.

Heat Exchangers: Aluminum strips are utilized in the manufacturing of heat exchangers, which are used in HVAC systems, automotive radiators, and industrial cooling systems. The high thermal conductivity of aluminum allows for efficient heat transfer, making it suitable for heat exchange applications.

Automotive Industry: Aluminum strips are used in various components of the automotive industry. They are used in car body panels, trims, interior decorations, and heat shields due to their lightweight nature, corrosion resistance, and ease of formability.

Packaging: Aluminum strips find applications in packaging industries. They are used to produce aluminum foil, which is widely used for food packaging, pharmaceutical packaging, and household foil. The excellent barrier properties of aluminum make it suitable for protecting the contents from moisture, light, and other contaminants.

Construction and Architecture: Aluminum strips are utilized in the construction industry for various purposes. They are used in window frames, curtain walls, roofing systems, and structural components. Aluminum's lightweight nature and resistance to corrosion make it an attractive choice for construction applications.

Electronics: Aluminum strips are employed in the manufacturing of electronic components, including heat sinks, printed circuit boards (PCBs), and connectors. The excellent thermal conductivity and electrical properties of aluminum make it suitable for dissipating heat and carrying current in electronic devices.

Solar Panels: Aluminum strips are used in the production of solar panels. They are used as frame components, support structures, and electrical conductors within the panels. Aluminum's lightweight nature, corrosion resistance, and ease of recyclability make it a preferred material for solar energy applications.

Key Features

Lightweight: Aluminum is a lightweight metal, making aluminum strips easy to handle, transport, and install. This characteristic is especially beneficial in industries where weight reduction is crucial, such as aerospace and automotive.

Corrosion Resistance: Aluminum has excellent corrosion resistance, thanks to its natural oxide layer that forms on the surface when exposed to air. This oxide layer acts as a protective barrier, preventing further corrosion and making aluminum strips suitable for outdoor and marine applications.

High Strength-to-Weight Ratio: Despite being lightweight, aluminum strips possess remarkable strength. They offer a high strength-to-weight ratio, meaning they can withstand substantial loads and stresses while maintaining their structural integrity.

Ductility: Aluminum is highly ductile, allowing it to be easily formed into different shapes and sizes without losing its properties. Aluminum strips can be bent, rolled, or stamped into complex configurations, making them suitable for a wide range of applications.

Electrical and Thermal Conductivity: Aluminum is an excellent conductor of both electricity and heat. Aluminum strips are commonly used in electrical wiring, heat exchangers, and heat sinks, where efficient heat transfer and electrical conductivity are required.

Reflectivity: Aluminum has a high reflectivity for both visible light and thermal radiation. This property makes aluminum strips suitable for applications requiring reflection, such as reflective signage, solar panels, and lighting fixtures.

Recyclability: Aluminum is highly recyclable without losing its inherent properties. Recycling aluminum strips consumes significantly less energy compared to producing new aluminum, making them an environmentally friendly choice.

Non-Magnetic: Aluminum is non-magnetic, which is advantageous in applications where magnetic interference needs to be minimized, such as in electrical and electronic equipment.

Aesthetic Appeal: Aluminum strips offer a sleek and modern appearance. They can be

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Welcome to enquiry LP Industry Aluminum Strips!

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