

Round Edge Aluminum Strip for Transformer



Round edge aluminum strip for transformer is widely used in transformer winding systems where smooth edges, reliable conductivity and stable dimensional accuracy are required. Compared with conventional slit aluminum strip, the round edge design helps reduce the risk of insulation damage during winding and improves the safety and reliability of transformer production.

Our transformer aluminum strip can be supplied in different alloys, tempers, thicknesses and widths according to customer requirements. With precise slitting, edge treatment and strict quality inspection, the material is suitable for dry-type transformers, oil-immersed transformers, distribution transformers and power transformers.

Specifications of Round Edge Aluminum Strip for Transformer

Product Name	Round Edge Aluminum Strip for Transformer
Common Alloy	1060, 1070, 1050, 1350
Temper	O, H12, H14, H18 or customized
Thickness	0.2 mm - 3.0 mm or customized
Width	10 mm - 1200 mm or customized
Edge Type	Round edge, smooth edge, burr-free edge
Surface	Clean, smooth, no oil stain, no serious scratches
Conductivity	According to alloy and customer requirement
Inner Diameter	150 mm, 300 mm, 400 mm, 500 mm or customized
Outer Diameter	According to coil weight and customer requirement

Coil Weight	Customized
Processing	Slitting, edge rounding, annealing, cleaning
Application	Transformer winding, electrical equipment, power transformer
Packaging	Export wooden pallet, moisture-proof packaging

Available Alloys of Round Edge Aluminum Strip for Transformer

- **1060 Round Edge Aluminum Strip**

1060 aluminum strip offers good conductivity, excellent formability and stable performance. It is commonly used for transformer winding and general electrical applications.

- **1070 Round Edge Aluminum Strip**

1070 aluminum strip has high aluminum purity and good electrical conductivity, making it suitable for applications requiring reliable conductive performance.

- **1350 Round Edge Aluminum Strip**

1350 aluminum strip is widely used in electrical conductor applications due to its conductivity and good processing performance.

Key Features of Round Edge Aluminum Strip for Transformer

- Smooth round edge for safer transformer winding
- Burr-free surface to reduce insulation damage
- Good electrical conductivity
- Excellent ductility and winding performance
- Accurate thickness and width tolerance
- Clean and bright surface quality
- Suitable for automatic winding machines
- Custom alloy, temper, thickness and width available

Why Choose Our Round Edge Aluminum Strip?

Our round edge aluminum strip is produced for transformer manufacturers that require stable winding performance and reliable insulation protection. The edge rounding process helps eliminate sharp edges and burrs, which is important for reducing damage to insulation paper or film during winding. Each coil is inspected for dimensional tolerance, edge quality, surface condition and packaging safety before shipment.

- Factory direct supply

- Customized specifications
- Stable quality for transformer production
- Strict edge and surface inspection
- Suitable for long-term B2B supply

Applications of Round Edge Aluminum Strip for Transformer

Round edge aluminum strip is mainly used in transformer winding and electrical conductor applications, including:

- Dry-type transformer winding
- Oil-immersed transformer winding
- Distribution transformer
- Power transformer
- Electrical reactor
- Low-voltage and medium-voltage transformer
- Customized electrical conductor components

Quality Control of of Round Edge Aluminum Strip

To ensure stable performance in transformer winding applications, we carry out strict inspection during production and before shipment.

- Raw material inspection
- Thickness and width tolerance inspection
- Edge quality inspection
- Burr and crack inspection
- Surface cleanliness inspection
- Conductivity testing if required
- Mechanical property testing if required
- Coil weight and packaging inspection

Packaging and Delivery

Round edge aluminum strip for transformer is packed with moisture-proof materials and export wooden pallets to protect the coils during storage and transportation. Customized packaging is available according to customer requirements.



- Eye-to-wall/eye-to-sky coil packing
- Moisture-proof film wrapping
- Wooden pallet or wooden case
- Edge protection
- Clear product labels
- Suitable for sea transportation