

## Burr Free Transformer Aluminum Strip



Burr free transformer aluminium strip is designed for transformer winding applications where clean edge quality, good electrical conductivity and stable dimensional accuracy are required. During transformer winding, sharp edges or burrs may damage insulation paper, film or other insulating materials. Therefore, burr-free edge quality is important for improving

winding safety and transformer reliability.

Our burr free aluminium strip is produced through precision slitting, edge treatment, surface inspection and strict quality control. It can be supplied in different alloys, tempers, thicknesses and widths according to customer requirements. The product is widely used in dry-type transformers, oil-immersed transformers, distribution transformers and power transformers.

### Specifications of Burr Free Transformer Aluminum Strip

Product Name	Burr Free Transformer Aluminium Strip
Common Alloy	1050, 1060, 1070, 1350 or customized
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	Burr-free edge, smooth edge, clean cut edge
Surface	Smooth, clean, free from serious scratches and oil stains
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
Coil Weight	Customized according to customer request

Processing	Precision slitting, edge treatment, annealing, cleaning
Application	Transformer winding and electrical conductor applications
Packaging	Moisture-proof export wooden pallet or wooden case

### **Available Alloys of Burr Free Transformer Aluminum Strip**

- **1050 Burr Free Transformer Aluminum Strip**  
1050 aluminium strip has good formability and stable performance, making it suitable for general transformer winding applications.
- **1060 Burr Free Transformer Aluminum Strip**  
1060 aluminium strip offers good electrical conductivity, excellent ductility and reliable processing performance for transformer winding.
- **1070 Burr Free Transformer Aluminum Strip**  
1070 aluminium strip has higher aluminium purity and good conductivity, suitable for transformer applications requiring stable conductive performance.
- **1350 Burr Free Transformer Aluminum Strip**  
1350 aluminium strip is widely used in electrical conductor applications due to its conductivity and suitability for winding processes.

### **Key Features of Burr Free Transformer Aluminium Strip**

- Burr-free edge for safer transformer winding
- Smooth edge surface to protect insulation materials
- Good electrical conductivity
- Excellent ductility and winding performance
- Accurate thickness and width tolerance
- Clean and smooth surface finish
- Suitable for automatic transformer winding machines
- Custom alloy, temper, size and coil weight available

### **Why Choose Our Burr Free Transformer Aluminum Strip?**

Our burr free transformer aluminium strip is manufactured for transformer producers that require stable winding quality and reliable edge performance. The strip edges are carefully controlled to reduce burrs, sharp corners and edge cracks. This helps protect insulation paper and improves winding safety during transformer manufacturing. With strict inspection from raw material to final packaging, we provide aluminium strip products with consistent thickness, width, surface quality and edge condition. Customized specifications are available for different transformer winding requirements.

- Factory direct supply
- Stable quality for transformer manufacturers
- Smooth and clean edge quality
- Customized thickness and width
- Strict dimensional and surface inspection
- Export packaging for safe transportation

### **Applications of Burr Free Transformer Aluminum Strip**

Burr free transformer aluminum strip is mainly used in transformer winding and electrical conductor applications where smooth edge quality is required.

- Dry-type transformer winding
- Oil-immersed transformer winding
- Distribution transformer
- Power transformer
- Low-voltage transformer
- Medium-voltage transformer
- Electrical reactor
- Transformer coil manufacturing

### **Quality Control**

Edge quality is one of the most important factors for transformer aluminium strip. We inspect the burr-free aluminium strip during production and before shipment to ensure stable performance in transformer winding applications.

- Raw material inspection
- Chemical composition checking
- Thickness tolerance inspection
- Width tolerance inspection
- Edge burr inspection
- Edge crack inspection
- Surface quality inspection
- Conductivity testing if required
- Mechanical property testing if required
- Coil dimension and weight checking
- Final packaging inspection

### **Packaging and Delivery**

Burr free transformer aluminium strip is packed with moisture-proof protection and export wooden pallets to prevent damage during transportation. Each coil can be labeled with product name, alloy, temper, size, coil number and customer information according to order

requirements.

- Moisture-proof film wrapping
- Edge protection
- Wooden pallet or wooden case
- Eye-to-wall or eye-to-sky packing
- Clear product label
- Suitable for sea, road and rail transportation