



HENAN FLAIT ALUMINUM CO., LTD.

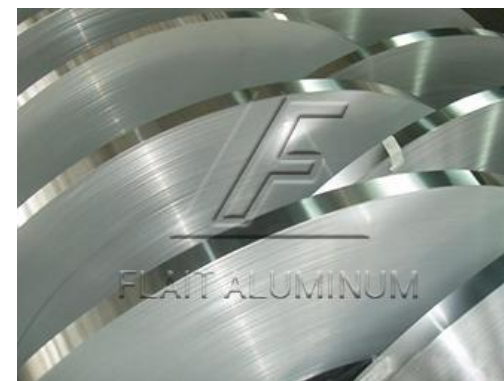
Flait Aluminum is committed to product R&D, production, sales and service.

Email:sales@flait-aluminum.com

Whatsapp/Telegram: 86 13203837398

Transformer Aluminum Strip

[Transformer aluminum strips](#) are mainly used in high and low voltage windings of dry-type transformers as conductive materials. Transformer aluminum foil strip generally uses 1050-O/HO aluminum strip foil, 1060-O/HO aluminum strip foil, 1070-O/HO aluminum strip foil, 1350-O/HO aluminum strip foil, thickness 0.20-3.00mm. Transformer aluminum foil strip has high plasticity, corrosion resistance, electrical conductivity, thermal conductivity, and is easy to withstand various pressure processing, extension and bending, which can significantly improve the heat dissipation performance of transformers.



Flait Aluminum is a professional manufacturer of aluminum strips for transformers. We have multiple aluminum strip slitting production lines, and can customize the width and length of aluminum strips according to customer requirements. Our transformer aluminum strip foil has a smooth surface without scratches, and the edge chamfer can reach 100% without burrs, resistivity and conductivity are better than the national and industry standards for transformers.



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Product Specification

Alloy	1050,1060,1070,1350
Temper	O/HO
Thickness (mm)	0.08-3.00
Width (mm)	10-1500
Conductivity (% IACS)	1050-O ≥ 60% IACS; 1060-O ≥ 61.5% IACS; 1070-O ≥ 62.7% IACS; 1350-O ≥ 62% IACS
Elongation (%)	≥20 (Thickness: 0.08-0.20); ≥25 (Thickness: 0.20-3.00)
U. T. S	60-95N/mm2
Density in 20℃	2.703kg/m3
Max. resistance in 20℃ (Ω·mm² /m)	≤0.02825
Burr's height	0.01--0.03mm vary with thickness of the strip
Collapsed side's height	0.05-0.1mm
ID	Ø 150mm,Ø300mm, Ø400mm, Ø500mm



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Surface	Smooth, free from scratches and impurities
Application	Transformer winding
Packing	Eye to wall and eye to sky, wooden pallet and wooden case
Sample	Available
Remark	Transformer aluminum strip can be customized

Chemical Composition									
Alloy	Al (%)	Si (%)	Fe (%)	Cu (%)	Mn (%)	Zn (%)	Mg (%)	Ti (%)	V
1050	99.50	0.0431	0.203	0.0022	0.0104	0.0093	0.0013	0.02	0.0039
1060	99.60	0.0431	0.203	0.0022	0.0104	0.0093	0.0013	0.02	0.0039
1070	99.70	0.0431	0.203	0.0022	0.0104	0.0093	0.0013	0.02	0.0039
1350	99.50	0.0431	0.203	0.0022	0.0104	0.0093	0.0013	0.02	0.0039



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Edge Deburring Range		
Thickness (mm)	≤0.20	>0.20
Burr	≤0.03	≤0.05
Camber	≤0.5	≤2
Layering	≤4	≤5

Tolerance Range								
Alloys	1050-O/1060-O/1070-O/1350-O							
Thickness (mm)	0.08-0.20	0.20-0.40	0.40-0.80	0.80-1.10	1.10-1.40	1.40-2.00	2.00-2.50	2.50-3.00
Thickness	±8% of	±0.02	±0.03	±0.04	±0.05	±0.06	±0.07	±0.08
Width (mm)	<100		100-300	300-600	600-1250	1250-1500		
Width Tolerance	±0.10		±0.20	±0.30	±1.00	±2.00		



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Advantages

The edge is smooth, no burrs☆

Round edge☆

High conductivity☆

High purity☆

Totally annealed☆



☆Surface clean

☆Stable

☆Low resistivity

☆Free sample, prompt delivery

☆High quality, competitive price,
good reputation

Manufacturing process

1. The aluminum raw material is heated in the furnace to remove impurities;
2. The ingot is cut into thick plates;
3. Put the thick plate into the cold rolling mill for rough rolling;
4. Put into hot rolling mill for finishing;
5. Annealing by heating and keeping at a certain temperature;
6. External cutting by slit;
7. Packaging and Shipping.



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Application

1050 1060 1070 1350 Aluminum foil strip for transformer is used for variable transformer like low or high voltage transformer winding, high frequency transformer, step up or down voltage transformer, etc.



The above mentioned aluminum product is produced according to national standard specifications. Please contact us for a free quote!

-----THIS IS THE END-----



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