



CENTERSKY

**-SINCE-
1974**



Professional Transformer Copper & Aluminum Foil Manufacturer



Centersky is a first-level business unit of Centersky Intelligent Investment (Hong Kong) Group Co., Ltd. Founded in 1974, Centersky Electric has been in the field of electromagnetic silicon steel sheet manufacturing for more than 50 years, and is a professional electromagnetic silicon steel sheet and copper aluminum foil manufacturer at home and abroad. After years of development, Centersky Electric has been in the leading position in the industry with exquisite production technology and reliable quality service, and has been unanimously recognized by partners. Adhering to the corporate philosophy of "sincerity, commitment to specialization", Centersky Electric provides all kinds of high-quality electromagnetic silicon steel sheet and copper foil aluminum foil products and solutions for global (including Fortune 500) electric power, energy, household appliances, rail transit, new energy vehicles and other enterprises.



Aluminum Coil / Aluminum Foil / Aluminum Strip

Thickness: 0.2-3.0 mm

Width: 20-1350 mm

Inner Diameter: 150/300/400/500 mm

Alloy: 1050/1060/1070



Soft Temper

Electrical Conductivity > 61% IACS

Purity > 99.6%

Processing Features: Rounded corners, chamfered edges, burr-free



Copper Coil / Copper Foil / Copper Strip

Thickness: 0.2-3.0 mm

Width: 20-1200 mm

Inner Diameter: 150/300/400/500 mm

Alloy: T2 / C1100



Soft Temper

Electrical Conductivity > 99.9% IACS

Purity > 99.9%

Processing Features: Rounded corners, chamfered edges, burr-free



Aluminum is widely used in products that do not require high strength, such as transformers, reactors, cables, chemical instruments, sheet metal parts, deep-drawn or spun concave vessels, welded components, heat exchangers, clock faces and panels, nameplates, kitchen utensils, decorative items, and reflective devices, etc.



Copper exhibits excellent electrical conductivity, thermal conductivity, corrosion resistance, and processability, and can be used for fusion welding and brazing.



GB Copper/GB Aluminum

Aluminum coil				
Alloy	Condition (Full Annealing)	Thickness (mm)	Tensile Strength	
			Tensile Strength(Mpa)	Elongation (%)
		0.2~3.0	60~100	≥25
Thickness tolerance (mm)				
Thickness (mm)		Tolerance (± mm)		
>0.20~0.40		0.02		
>0.40~0.80		0.03		
>0.80~1.10		0.04		
>1.10~1.40		0.05		
>1.40~2.00		0.06		
>2.00~2.50		0.07		
>2.50~3.00		0.08		
Width Tolerance (mm)				
Width (mm)	Thickness (mm)			
	>0.2~0.6	>0.6~1.0	1.0~2.0	2.0~3.0
	Thickness tolerance (±)			
≤100	0.3	0.3	0.4	1.0
>100~300	0.4	0.5	0.7	1.0
>300~500	0.6	1.0	1.2	1.5
>500~1250	1.0	1.5	2.0	2.0

Copper strip					
Alloy	Condition(FullAnnealing)	Thickness (mm)	Tensile Strength (Mpa)	Elongation(%)	Vickers Hardness
C1100	O	0.2~2.5	≥195	≥30	45~65
Width Tolerance (mm)					
thickness (mm)	width (± mm)				
	≤100	>100~300	>300~600	>600~1000	
Tolerance (± mm)					
>0.2~1.0	0.2	0.3	0.5	0.8	
>1.0~1.5	0.3	0.4	0.6	0.8	
>1.5~2.5	0.4	0.5	0.6	0.8	
Thickness tolerance (mm)					
thickness (mm)	width (± mm)				
	≤200	>200~400	>400~600	>600~1000	
>0.2~0.3	0.015	0.02	0.02	-	
>0.3~0.5	0.02	0.025	0.03	0.05	
>0.5~0.7	0.03	0.035	0.04	0.06	
>0.7~1.1	0.04	0.045	0.05	0.07	
>1.1~1.5	0.05	0.055	0.06	0.08	
>1.5~2.5	0.055	0.06	0.08	0.1	

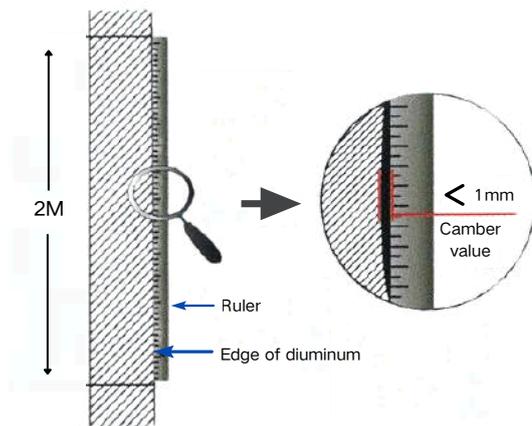
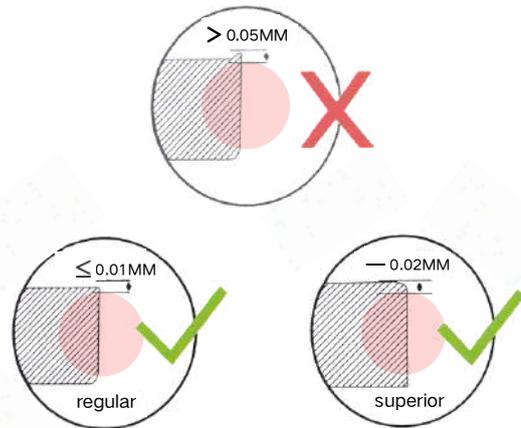
Centersky Materials has obtained ISO9001 management system certification, and all its products have passed testing by SGS and comply with the requirements of the EU RoHS Directive.

To ensure the electrical conductivity of copper and aluminum strips used in transformers, Centersky Materials has signed agreements with upstream suppliers. Every batch of our products can be fully traced back to its source, and our premium raw materials meet or even exceed national standards.

Raw materials are slit to meet the exact width requirements of customers, and a proprietary technology is applied to eliminate edge burrs. The surfaces of our copper and aluminum strips are smooth, free of oil stains and wrinkles, and available in a variety of inner diameters and packaging options.

Continuous technological innovation is the core competitiveness of the Centersky brand.

Product	Aluminum Strip
Electrical conductivity (20 ° C)	≥ 60.5% IACS
Edge	Burr-free & scratch-free

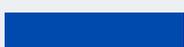


Product	Aluminum Strip	
Length	per 2 meters	
Camber value	width ≤ 150mm	≤1mm
	width ≤ 150mm	≤2mm

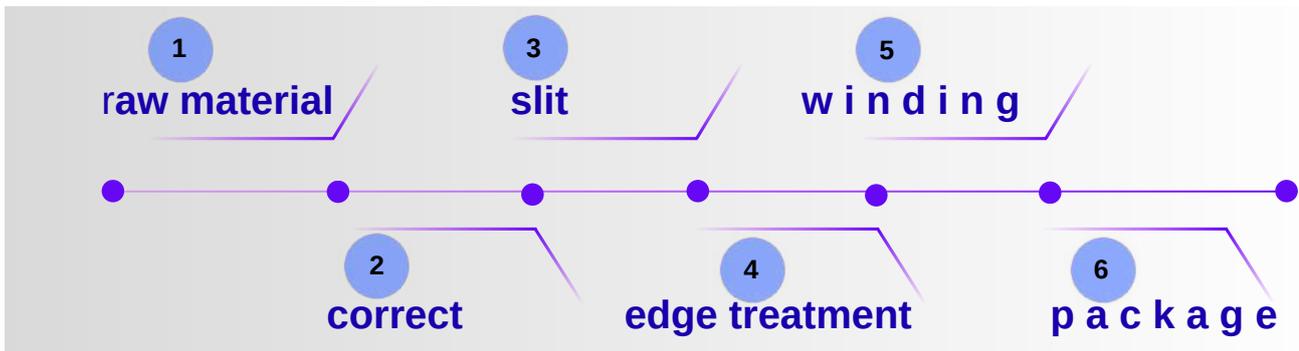
application



workpiece edge angle

-  right angle
-  straight edge & chamfer
-  straight edge & chamfer
-  fillet

machining process



50 +
client

1500 +
tons per year

500.000.000 +
sales ¥ year

- Fast delivery
- LOW MOQ
- Customized service
- Convenient transportation
- Technical support



Centersky Company strictly adheres to quality control and is equipped with its own laboratory. Every batch of raw materials undergoes testing for chemical composition and electrical conductivity. We strive for absolute perfection in our products, which has earned us an excellent reputation and multiple awards as an "Outstanding Supplier" from our clients.

Welcome to visit and guide our company. All employees of Centersky Company look forward to cooperating with you!

CENTERSKY protectionworld

Life Cycle Quality Management



50年來,中天電器貫徹致力於為客戶的創業,可持續發展和繁榮提供支持

For 50 years Centersky has been helping business to start up, take flight and prosper.



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