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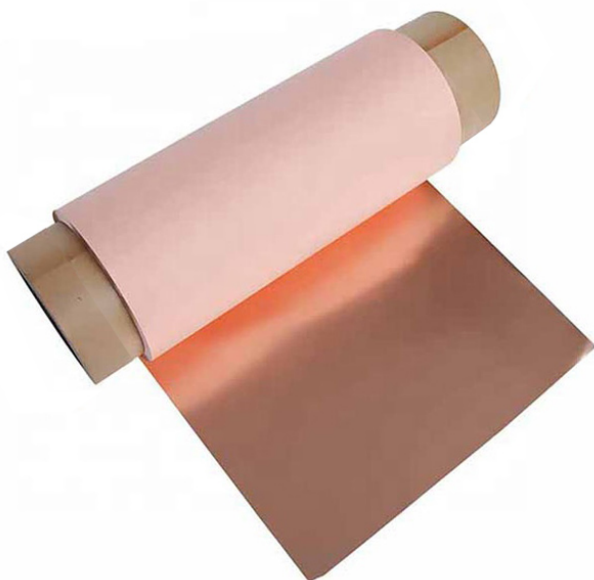
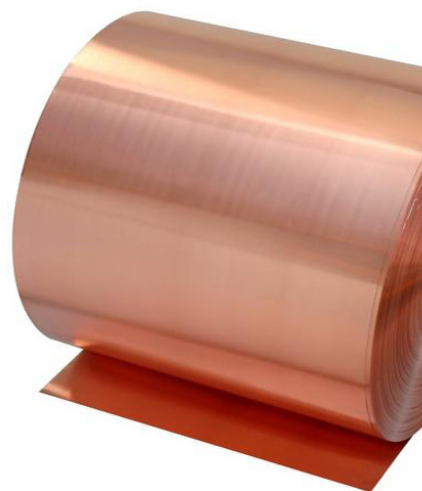


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High Purity Copper Foil for Lithium Battery Current Collector

Model: Copper Foil

Material: Pure Cu Metal

Thickness: 8um/9um/10um

MOQ: 1 Roll

Product description: High Quality Electrolytic Copper Foil used for Li Ion Battery Anode Current Collector

► INQUIRY

Electrolytic Copper Foil Used for Li Ion Battery Anode Current Collector

DESCRIPTION:

ED copper foil for battery anode material (<https://www.aotbattery.com/Li-ion-Battery-Material.html>)
This copper foil is used as a substrate for coating anode materials in Li-ion battery research.
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Copper foil for battery anode substrate	
Item	Data
width (mm)	280 mm, other width can be customized
Thickness (um)	8 um / 9 um /10 um, other size optional
areal density (g/m2)	85-90
Purity(%) More than 99.9%	Cu ≥99.9%
	Fe < 0.0010%
	Bi < 0.00020%
	Pb < 0.0005%
Tensile strength (MPa)	≥294
Normal elongation(%)	2.5
High temperature Tensile strength180°C (MPa)	≥147
High temperature elongation180°C(%)	2
Anti oxidization(180°C Heating 1h)	No oxidation of points on the surface,The color does not change,Copper foil without fracture

Surface roughness(um)Rz	Drum side(um)	Less than 0.3
	Matte side(um)	Less than 3.0
Surface tension(dyne/cm)	Drum side	62
	Matte side	62
Coating performance		Cu foil with uniform tension on both sides, slurry coating unifor





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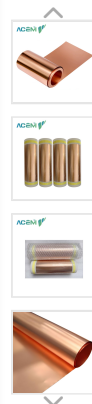
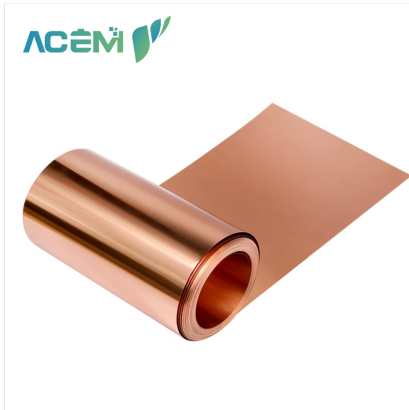
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BATTERY GRADE COPPER FOIL CU FOIL FOR LI-ION BATTERY CURRENT COLLECTOR

Home - Products - Li-ion Battery Materials - Battery Grade Copper Foil Cu Foil for Li-ion Battery Current Collector



Battery Grade Copper Foil Cu Foil for Li-ion Battery Current Collector

Share     

Product Name: Copper Foil Current Collector

Thickness: 4.5um/6um/9um/10um/ 12um/25um etc.

Origin: China

MOQ: 1 Roll

Application: Anode Current Collector for lithium ion battery.

[Inquire Now](#)

[Next Product](#)

PRODUCT DESCRIPTION

High Purity Copper Foils for Lithium Anode Collectors

Others: We offer copper foils in thicknesses of 4.5 um, 6 um, 9 um, 10 um, 12 um and 25 um. Other widths of copper foils are also available on a customised basis.

INTRODUCTION TO COPPER FOIL

Anode collector for lithium ion battery.



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#1

Electrolytic copper foil for lithium batteries, used as anode carrier and collector for lithium-ion batteries, purity 99.98% The rest is passivation layer.

#2

Copper foil is an important basic material for lithium-ion batteries, acting as both the carrier of anode active material and anode electron collection and conductor, which serves to pool the current generated by the battery active material to produce a larger output current.

#3

Copper foil has good electrical conductivity, flexibility, oxidation resistance, mechanical processing performance, more mature manufacturing technology, lower cost, become the first choice for anode current collection of lithium-ion battery.



Product Parameter			
Testing items	unit	Normative value	Typical value
Purity	%	>99.8	>99.98
Permeable pore	individual	No permeable pores	No permeable pores
Area quality	g/m ²	85-90	88
Mass resistivity	Ω g/m ²	<0.17	0.168
Thickness tolerance	um	0-2	0-1
Tensile strength	Kg/m ²	>30	41
Room temperature elongation	%	>3.5	4.2
High temperature elongation	%	>4.0	5.5
Smooth surface roughness (RA)	um	<0.4	0.22-0.35
Smooth surface roughness (RZ)	um	<3.0	1.6
Roughness of rough surface (RA)	um	0.35-0.75	0.3
Roughness of rough surface (RZ)	um	<3.0	1.6
Antioxidant rate (130°C 10min)		OK	OK

Appearance quality	The surface of the copper foil is flat, no wrinkles, indentations or bumps. Cutting edge is neat, colour and luster are uniform, slight electric stripe is allowed.
Storage time	Storage environment relative humidity <65% degree <25°C, as well as chemicals and corrosive products and moisture can not coexist.
Material Packaging	Packed in pearl cotton, vacuumed and with desiccant.





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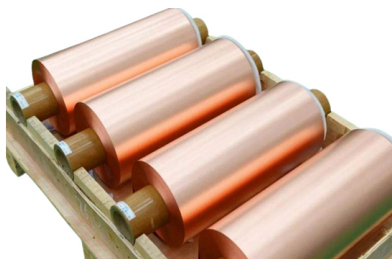
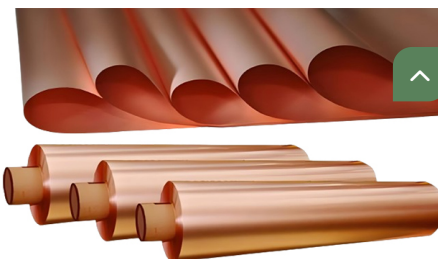
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99.95% High Purity Lithium Ion Battery Copper Foil 9 Mic with None Pinholes



Product Details:

Place of Origin:	china
Brand Name:	JIMA
Certification:	SGS, ISO, Reach, RoHS
Model Number:	EDCU-HC

Payment & Shipping Terms:

Minimum Order	100kg
Quantity:	
Price:	negotiation
Packaging Details:	wooden carton
Delivery Time:	5-15 days
Payment Terms:	T/T, L/C
Supply Ability:	1000 Ton per month

[Contact Now](#)

Detailed Product Description

Purity:	99.95%	Pinholes:	None
Anti Oxidation:	180 Degree 60 Minutes, 180 Days 23 Degree	Thickness:	9 Mic
Color:	Red	Name:	99.95% High Purity Lithium Ion Battery Copper Foil 9 Mic With None Pinholes

Highlight: sheet metal copper, graphene copper

Double Shiny 9 Mic Electrolytic Copper Foil for Lithium Battery XEV Hybrid-electric Vehicle (HEV)

Specifications:

- Double shiny treatment in red.
- Thickness: 0.009mm
- Width: 1380 mm
- Length: 500-5000 M
- ID: 76 mm, 152 mm

Li Ion Battery Anode Current Collector, Electrolytic Rolled Copper Foil

- Types: Double-shiny, Double-matte, One side shiny
- Thickness: 8micro, 9micro, 10micro, 12micro, 15micro

Application:

- Lib: notebook PC, mobile phone.
- Electric vehicle(EV)

Package: Wooden box



FAQ:

Q1. Can you supply the sample?

A: We can supply samples to check the quality before bulk order. But the price will be sample price not wholesale price.

Q2. Do you test all your goods before delivery?

A: Yes, we have 100% test before delivery.

Q3. What is your standard width?

A: 1380 and 1290mm

Typical Properties of Electrolytic ED Copper Foil Lithium Battery

Classification		Unit	Requirement							Test Method
Foil Designation		/								IPC-4562A
Nominal thickness		/	6um	7um	8um	9/10um	12um	15um	20um	IPC-4562A
Area Weight		g/m ²	54±1	63±1.25	72±1.5	89±1.8	107±2.2	133±2.8	178±3.6	IPC-TM-650 2.2.12.2
Purity		%	≥99.9							IPC-TM-650 2.3.15
Foil Profile	Shiny side (Ra)	um	0.1-0.4							IPC-TM-650
	Matte side(Rz)	um	0.8-2.0							2.3.17
Tensile Strength	R.T.(23°C)	Mpa	> 280							IPC-TM-650
	H.T.(180°C)		> 200							2.3.18
Elongation	R.T.(23°C)	%	> 5							IPC-TM-650
	H.T.(180°C)		> 3							2.3.18
Pinholes&porosity		Number	No							IPC-TM-650 2.1.2
Anti-oxidization	R.T.(23°C)	day	90							/
	H.T.(160°C)	Minutes	15							/

Max Width,1295(±1)mm,May according to the customer request tailor.

Tag: sheet metal copper, graphene copper, large copper sheet

Contact Details

JIMA Copper
Contact Person: JIMA Annie



Send your inquiry directly to us

Send your inquiry to our good quality 99.95% High Purity Lithium Ion Battery Copper Foil 9 Mic with None Pinholes products.

Enter your E-mail

Contact Now

Best Products



Double Shiny Lithium Battery Copper Foil High Conductivity



Electrolytic Electrodeposited Copper Foil , 3 / 6 Inch ID Sheet Metal Copper

Other Products



Ultra-thin Copper Foil With 18 Micron Carrier Copper Foil
Products name: Ultra



6um 8um 10um 12um Ultra High Tensile Copper Foil
Products name: 6um



Red 12um Thin Copper Foil of Lithium Ion Battery , RoHS Approval



35μM High Performance Special Adhesive Coated Copper Foils



105μm High Precision Ultra Wide Calendered Thick Copper Foils
Products name: 105μ

Rolled Copper Foil

- Graphene Thermal Conductive Film Rolled Copper Sheet , 12um 18um Copper Foil Roll
- SGS Soft Annealed Rolled Copper Foil For Mylar Tape Color Uniformity
- HTE RA Rolled Annealed Copper Foil For PCB CCL 76 Mm / 152 Mm Roll ID
- Low Profile Ultra Thin Copper Foil , Black Treated Roll Copper Flashing

Electrolytic Copper Foil

- ISO 25um Electrolytic Copper Foil More Than 1 N / Mm Peel Strength
- 1 OZ Electrolytic Copper Foil For MCCL CCL High Temperature SGS Approval
- High Coarse Electrolytic Copper Foil 12micron - 70micron Thickness

Carbon Coated Aluminum Foil

- Battery Carbon Coated Aluminum Foil 1.0 - 2.5g/M2 Coating Density
- Super Capacitor Aluminium Foil Conductivity Black Carbon Coating Surface
- Conductive Carbon Coated Aluminum Foil 0.012 - 0.040 Mm Basis Material

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