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Global Li-ion Battery Double Side Shiny Copper Foil Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Li-ion Battery Double Side Shiny Copper Foil market size is expected to reach $ 5820 million by 2032, rising at a market growth of 13.7% CAGR during the forecast period (2026-2032).

Li-ion Battery Double Side Shiny Copper Foil is a high-quality current collector material engineered with reflective, polished surfaces on both sides, designed to enhance electrode uniformity and coating adhesion in lithium-ion batteries. Its bright double-sided finish promotes consistent electrolyte distribution and improved electrode flatness, contributing to higher energy density and reliable cycling performance. The material is particularly suitable for advanced lithium-ion battery applications where surface quality and structural consistency are critical, including solid-state batteries and supercapacitors. In 2025, the industry?s capacity utilization rate was about 65%, while the average gross margin reached approximately 20%, reflecting a relatively mature manufacturing process alongside ongoing margin pressure. Production in 2025 totaled 191,666 ton, with an average price of 12,000 USD/ton. The upstream of Li-ion Battery Double Side Shiny Copper Foil is primarily composed of high-purity cathode copper and sulfuric acid, with representative suppliers such as Jiangxi Copper, Tongling Nonferrous Metals, Freeport-McMoRan, Glencore, and BASF, ensuring raw material consistency and cost control. The midstream focuses on electrolytic deposition, surface brightening, thickness uniformity, and mechanical reinforcement to meet high-end battery requirements. The downstream is mainly driven by power batteries and consumer batteries, with key customers including CATL, BYD, LG Energy Solution, Panasonic, and Samsung SDI.

Li-ion Battery Double Side Shiny Copper Foil occupies a critical role in the lithium-ion battery value chain as downstream manufacturers increasingly demand high surface

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quality and consistent electrode performance. Its reflective polished surfaces enable uniform coating and enhanced electrolyte interaction, which directly supports high-loading electrodes, thin-film designs, and structurally demanding applications such as solid-state batteries and supercapacitors. Currently, the industry benefits from mature electrolytic and surface treatment processes, yet faces ongoing challenges in raw material cost fluctuations, process stability, and margin pressure, leading to differentiated profitability among producers. Companies capable of maintaining precise surface control at scale and securing strategic downstream partnerships are positioned to gradually strengthen pricing power and resilience, highlighting the importance of technical differentiation and production reliability in shaping the competitive landscape.

This report studies the global Li-ion Battery Double Side Shiny Copper Foil production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Li-ion Battery Double Side Shiny Copper Foil and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Li-ion Battery Double Side Shiny Copper Foil that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Li-ion Battery Double Side Shiny Copper Foil total production and demand, 2021-2032, (Tons)
Global Li-ion Battery Double Side Shiny Copper Foil total production value, 2021-2032, (USD Million)
Global Li-ion Battery Double Side Shiny Copper Foil production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)
Global Li-ion Battery Double Side Shiny Copper Foil consumption by region & country, CAGR, 2021-2032 & (Tons)
U.S. VS China: Li-ion Battery Double Side Shiny Copper Foil domestic production, consumption, key domestic manufacturers and share
Global Li-ion Battery Double Side Shiny Copper Foil production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)
Global Li-ion Battery Double Side Shiny Copper Foil production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)
Global Li-ion Battery Double Side Shiny Copper Foil production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

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This report profiles key players in the global Li-ion Battery Double Side Shiny Copper Foil market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nuode New Materials, Jiayuan Technology, Defu Technology, Zhongyi Technology, Tongguan Copper Foil, Mitsui Kinzoku, Furukawa Electric, SK Nexilis, Circuit Foil, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Li-ion Battery Double Side Shiny Copper Foil market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Tons) and average price (US$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Li-ion Battery Double Side Shiny Copper Foil Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

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Global Li-ion Battery Double Side Shiny Copper Foil Market, Segmentation by Type:

?6?m

7-12?m

?12?m

Global Li-ion Battery Double Side Shiny Copper Foil Market, Segmentation by Tensile:

?500MPa

500-600MPa

?600MPa

Global Li-ion Battery Double Side Shiny Copper Foil Market, Segmentation by Process:

Integrated Foil-forming

Post-treatment Double-sided Polishing

Others

Global Li-ion Battery Double Side Shiny Copper Foil Market, Segmentation by Application:

Power Battery

Consumer Battery

Others

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Companies Profiled:

Nuode New Materials

Jiayuan Technology

Defu Technology

Zhongyi Technology

Tongguan Copper Foil

Mitsui Kinzoku

Furukawa Electric

SK Nexilis

Circuit Foil

Key Questions Answered:

1. How big is the global Li-ion Battery Double Side Shiny Copper Foil market?
2. What is the demand of the global Li-ion Battery Double Side Shiny Copper Foil market?
3. What is the year over year growth of the global Li-ion Battery Double Side Shiny Copper Foil market?
4. What is the production and production value of the global Li-ion Battery Double Side Shiny Copper Foil market?
5. Who are the key producers in the global Li-ion Battery Double Side Shiny Copper Foil market?
6. What are the growth factors driving the market demand?

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