

**Lithium Foil Market By Purity level (Less than 99.5%, 99.5% and above), By End Use Industry (Electrical and Electronics, Automotive, Industrial, Others), By Thickness (less than 0.02 mm, 0.02 to 0.10 mm, 0.2 mm and above): Global Opportunity Analysis and Industry Forecast, 2021-2031**

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**Report description:**

The global lithium foil market size was valued at \$7.1 billion in 2021, and is projected to reach \$40.9 billion by 2031, registering a CAGR of 19.2% from 2022 to 2031.

Lithium foil is used as an anode material in lithium ion batteries due to its high energy density. Lithium foil is wound in cylindrical cells to achieve a greater surface area. In button battery cells, lithium anodes can be stamped from lithium foil or cut from lithium rods. Lithium foils are adapted into lithium-ion secondary batteries and lithium-ion capacitors subject to each contractual manufacturing in the recent years. Furthermore, Lithium and its compounds also find applications in the production of glass and ceramics industry.

The market is predicted to increase primarily due to growth in end-user industries. There is rise in use of lithium foil in different industries, such as energy storage & batteries, research & laboratory, nuclear energy, pharmaceuticals & intermediate, lithium foils & greases, ceramics & glass and others. Moreover, an increase in the implementation of lithium foils in batteries used in numerous end-use products such as electric vehicles, smart wearable, IoT devices and RFID tags and others is predicted to stimulate the growth of lithium foil industry during the forecast period. However, high cost of lithium foil comparative to aluminum and copper foil is anticipated to restrain the lithium foil market growth during the forecast period. But the demand for lithium foil will expand over the forecast period due to the increasing acceptance of electrical vehicles and their lithium batteries.

The lithium foil market is segmented on the basis of purity level, thickness, end use industry, and region. On the basis of purity level, the market is classified into less than 99.5% and 99.5% and above. On the basis of thickness, the market is classified into less than 0.02 mm, 0.02 to 0.10 mm, and 0.2 mm and above. On the basis of end use industry, the market is classified into Electrical & Electronics, Automotive, Industrial, and Others.

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Major players operating in the global lithium foil market are, American Elements, Albemarle Corporation, BASF SE, China Energy Lithium Co., Ltd., Ganfeng Lithium Co., Ltd., Nanoshel LLC, Merck KGaA, The Honjo Chemical Corporation, Thermo Fisher Scientific, and UACJ Foil Corporation.

#### IMPACT OF COVID-19 ON THE GLOBAL LITHIUM FOIL MARKET

-The outbreak of the COVID-19 pandemic has had an adverse impact on the global economy as governments globally were forced to implement lockdowns to prevent the spread of the virus. As a result, the operations of lithium foil were hampered.

-Ever since the pandemic, industries across the sectors, such as electrical businesses, have experienced supply chain disruptions and significant delays in new installations in their offices as well as commercial applications. These steps hamper industries and pose challenges to their growth potential.

#### Key Benefits For Stakeholders

-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the lithium foil market analysis from 2021 to 2031 to identify the prevailing lithium foil market opportunities.

-The market research is offered along with information related to key drivers, restraints, and opportunities.

-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

-In-depth analysis of the lithium foil market segmentation assists to determine the prevailing market opportunities.

-Major countries in each region are mapped according to their revenue contribution to the global market.

-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-The report includes the analysis of the regional as well as global lithium foil market trends, key players, market segments, application areas, and market growth strategies.

#### Key Market Segments

##### By Purity level

- Less than 99.5%

- 99.5% and above

##### By End Use Industry

- Electrical and Electronics

- Automotive

- Industrial

- Others

##### By Thickness

- less than 0.02 mm

- 0.02 to 0.10 mm

- 0.2 mm and above

##### By Region

- North America

- U.S.

- Canada

- Mexico

- Europe

- Germany

- UK

- France

- Spain

- Italy

- Rest of Europe

- Asia-Pacific

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- China
- Japan
- India
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- AMERICAN ELEMENTS
- Albemarle Corporation
- BASF SE
- Ganfeng Lithium Co., Ltd
- Merck KGaA
- Nanoshel LLC
- China Energy Lithium Co., Ltd
- The Honjo Chemical Corporation
- Thermo Fisher Scientific, Inc.
- UACJ Foil Corporation

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