

Global Epoxy Coated Aluminum Foil for Air Conditioner Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G8259481651CEN.html>

Date: June 2026

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: G8259481651CEN

Abstracts

According to our (Global Info Research) latest study, the global Epoxy Coated Aluminum Foil for Air Conditioner market size was valued at US\$ 224 million in 2025 and is forecast to a readjusted size of US\$ 291 million by 2032 with a CAGR of 3.9% during review period.

Epoxy Coated Aluminum Foil for Air Conditioner is a specialized functional material engineered for air conditioning heat exchange systems, where an epoxy-based coating is applied to aluminum foil to improve corrosion resistance, electrical insulation, and coating adhesion, ensuring stable performance in fin and shielding component applications. It is widely used in evaporators and condensers to enhance thermal efficiency and durability under continuous thermal cycling and humid operating environments. In 2025, the production of Epoxy Coated Aluminum Foil was 25.95 million square meters with an average price of 8.4 USD per square meter. In 2025, the capacity utilization rate was about 70%, and the average gross margin was approximately 13%. The upstream primarily comprises primary aluminum ingots and rolling mills, with representative suppliers including Alcoa, Norsk Hydro, UC Rusal and Aluminum Corporation of China, and major equipment suppliers such as Danieli and SMS Group. The midstream involves slab rolling, surface cleaning, epoxy coating and curing, and dimensional and performance testing, with emphasis on foil uniformity and coating adhesion. The downstream customers are manufacturers of residential air conditioners, automotive air conditioning and commercial HVAC systems, represented by companies such as Carrier, Daikin, Toyota, Midea and Gree.

Epoxy Coated Aluminum Foil for Air Conditioner is closely tied to the structural upgrade of HVAC systems driven by energy efficiency regulations and refrigerant transition

trends. Its application in heat exchanger fins supports improved corrosion resistance, insulation stability, and long-term thermal performance, making it increasingly relevant in high-efficiency air conditioning designs. Demand is primarily driven by replacement cycles in residential systems and continued expansion of commercial HVAC installations, particularly in regions with high temperature and humidity variability. However, adoption is constrained by coating process control requirements, cost sensitivity, and performance consistency under long operational lifecycles. Future development will depend on material optimization and alignment with stricter efficiency and environmental standards.

This report is a detailed and comprehensive analysis for global Epoxy Coated Aluminum Foil for Air Conditioner market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Epoxy Coated Aluminum Foil for Air Conditioner market size and forecasts, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2021-2032

Global Epoxy Coated Aluminum Foil for Air Conditioner market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2021-2032

Global Epoxy Coated Aluminum Foil for Air Conditioner market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2021-2032

Global Epoxy Coated Aluminum Foil for Air Conditioner market shares of main players, shipments in revenue (\$ Million), sales quantity (Sq m), and ASP (US\$/Sq m), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Epoxy Coated Aluminum Foil for Air Conditioner

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Epoxy Coated Aluminum Foil for Air Conditioner market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Dingsheng New Materials (China), Jiangsu Alcha Aluminium Group (China), Henan Mingtai Al. Industrial (China), Shantou Wanshun New Material Group (China), Chalco Aluminum (China), Guangdong Hec Technology (China), UACJ (Japan), Shandong Nanshan Aluminum (China), Shanghai Huafo Aluminum Corporation (China), Novelis (USA), etc.

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

Market Segmentation

Epoxy Coated Aluminum Foil for Air Conditioner market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

8011

1100

1200

3102

Others

Market segment by Thickness

Thickness

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption
Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 8011

1.3.3 1100

1.3.4 1200

1.3.5 3102

1.3.6 Others

1.4 Market Analysis by Thickness

1.4.1 Overview: Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption
Value by Thickness: 2021 Versus 2025 Versus 2032

1.4.2 Thickness

List Of Tables

LIST OF TABLES

Table 1. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Thickness, (USD Million), 2021 & 2025 & 2032

Table 3. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Coating, (USD Million), 2021 & 2025 & 2032

Table 4. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Regional Standard, (USD Million), 2021 & 2025 & 2032

Table 5. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 6. Dingsheng New Materials (China) Basic Information, Manufacturing Base and Competitors

Table 7. Dingsheng New Materials (China) Major Business

Table 8. Dingsheng New Materials (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 9. Dingsheng New Materials (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 10. Dingsheng New Materials (China) Recent Developments/Updates

Table 11. Jiangsu Alcha Aluminium Group (China) Basic Information, Manufacturing Base and Competitors

Table 12. Jiangsu Alcha Aluminium Group (China) Major Business

Table 13. Jiangsu Alcha Aluminium Group (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 14. Jiangsu Alcha Aluminium Group (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 15. Jiangsu Alcha Aluminium Group (China) Recent Developments/Updates

Table 16. Henan Mingtai Al. Industrial (China) Basic Information, Manufacturing Base and Competitors

Table 17. Henan Mingtai Al. Industrial (China) Major Business

Table 18. Henan Mingtai Al. Industrial (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 19. Henan Mingtai Al. Industrial (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million),

Gross Margin and Market Share (2021-2026)

Table 20. Henan Mingtai Al. Industrial (China) Recent Developments/Updates

Table 21. Shantou Wanshun New Material Group (China) Basic Information, Manufacturing Base and Competitors

Table 22. Shantou Wanshun New Material Group (China) Major Business

Table 23. Shantou Wanshun New Material Group (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 24. Shantou Wanshun New Material Group (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 25. Shantou Wanshun New Material Group (China) Recent Developments/Updates

Table 26. Chalco Aluminum (China) Basic Information, Manufacturing Base and Competitors

Table 27. Chalco Aluminum (China) Major Business

Table 28. Chalco Aluminum (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 29. Chalco Aluminum (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 30. Chalco Aluminum (China) Recent Developments/Updates

Table 31. Guangdong Hec Technology (China) Basic Information, Manufacturing Base and Competitors

Table 32. Guangdong Hec Technology (China) Major Business

Table 33. Guangdong Hec Technology (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 34. Guangdong Hec Technology (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 35. Guangdong Hec Technology (China) Recent Developments/Updates

Table 36. UACJ (Japan) Basic Information, Manufacturing Base and Competitors

Table 37. UACJ (Japan) Major Business

Table 38. UACJ (Japan) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 39. UACJ (Japan) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 40. UACJ (Japan) Recent Developments/Updates

Table 41. Shandong Nanshan Aluminum (China) Basic Information, Manufacturing

Base and Competitors

Table 42. Shandong Nanshan Aluminum (China) Major Business

Table 43. Shandong Nanshan Aluminum (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 44. Shandong Nanshan Aluminum (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 45. Shandong Nanshan Aluminum (China) Recent Developments/Updates

Table 46. Shanghai Huaфон Aluminium Corporation (China) Basic Information, Manufacturing Base and Competitors

Table 47. Shanghai Huaфон Aluminium Corporation (China) Major Business

Table 48. Shanghai Huaфон Aluminium Corporation (China) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 49. Shanghai Huaфон Aluminium Corporation (China) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 50. Shanghai Huaфон Aluminium Corporation (China) Recent Developments/Updates

Table 51. Novelis (USA) Basic Information, Manufacturing Base and Competitors

Table 52. Novelis (USA) Major Business

Table 53. Novelis (USA) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 54. Novelis (USA) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 55. Novelis (USA) Recent Developments/Updates

Table 56. Norsk Hydro (Norway) Basic Information, Manufacturing Base and Competitors

Table 57. Norsk Hydro (Norway) Major Business

Table 58. Norsk Hydro (Norway) Epoxy Coated Aluminum Foil for Air Conditioner Product and Services

Table 59. Norsk Hydro (Norway) Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 60. Norsk Hydro (Norway) Recent Developments/Updates

Table 61. Global Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Manufacturer (2021-2026) & (Sq m)

Table 62. Global Epoxy Coated Aluminum Foil for Air Conditioner Revenue by Manufacturer (2021-2026) & (USD Million)

Table 63. Global Epoxy Coated Aluminum Foil for Air Conditioner Average Price by Manufacturer (2021-2026) & (US\$/Sq m)

Table 64. Market Position of Manufacturers in Epoxy Coated Aluminum Foil for Air Conditioner, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 65. Head Office and Epoxy Coated Aluminum Foil for Air Conditioner Production Site of Key Manufacturer

Table 66. Epoxy Coated Aluminum Foil for Air Conditioner Market: Company Product Type Footprint

Table 67. Epoxy Coated Aluminum Foil for Air Conditioner Market: Company Product Application Footprint

Table 68. Epoxy Coated Aluminum Foil for Air Conditioner New Market Entrants and Barriers to Market Entry

Table 69. Epoxy Coated Aluminum Foil for Air Conditioner Mergers, Acquisition, Agreements, and Collaborations

Table 70. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 71. Global Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Region (2021-2026) & (Sq m)

Table 72. Global Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Region (2027-2032) & (Sq m)

Table 73. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Region (2021-2026) & (USD Million)

Table 74. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Region (2027-2032) & (USD Million)

Table 75. Global Epoxy Coated Aluminum Foil for Air Conditioner Average Price by Region (2021-2026) & (US\$/Sq m)

Table 76. Global Epoxy Coated Aluminum Foil for Air Conditioner Average Price by Region (2027-2032) & (US\$/Sq m)

Table 77. Global Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2021-2026) & (Sq m)

Table 78. Global Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2027-2032) & (Sq m)

Table 79. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Type (2021-2026) & (USD Million)

Table 80. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Type (2027-2032) & (USD Million)

Table 81. Global Epoxy Coated Aluminum Foil for Air Conditioner Average Price by Type (2021-2026) & (US\$/Sq m)

Table 82. Global Epoxy Coated Aluminum Foil for Air Conditioner Average Price by

Type (2027-2032) & (US\$/Sq m)

Table 83. Global Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2021-2026) & (Sq m)

Table 84. Global Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2027-2032) & (Sq m)

Table 85. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Application (2021-2026) & (USD Million)

Table 86. Global Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Application (2027-2032) & (USD Million)

Table 87. Global Epoxy Coated Aluminum Foil for Air Conditioner Average Price by Application (2021-2026) & (US\$/Sq m)

Table 88. Global Epoxy Coated Aluminum Foil for Air Conditioner Average Price by Application (2027-2032) & (US\$/Sq m)

Table 89. North America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2021-2026) & (Sq m)

Table 90. North America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2027-2032) & (Sq m)

Table 91. North America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2021-2026) & (Sq m)

Table 92. North America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2027-2032) & (Sq m)

Table 93. North America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Country (2021-2026) & (Sq m)

Table 94. North America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Country (2027-2032) & (Sq m)

Table 95. North America Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Country (2021-2026) & (USD Million)

Table 96. North America Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Country (2027-2032) & (USD Million)

Table 97. Europe Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2021-2026) & (Sq m)

Table 98. Europe Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2027-2032) & (Sq m)

Table 99. Europe Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2021-2026) & (Sq m)

Table 100. Europe Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2027-2032) & (Sq m)

Table 101. Europe Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Country (2021-2026) & (Sq m)

Table 102. Europe Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Country (2027-2032) & (Sq m)

Table 103. Europe Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Country (2021-2026) & (USD Million)

Table 104. Europe Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Country (2027-2032) & (USD Million)

Table 105. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2021-2026) & (Sq m)

Table 106. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2027-2032) & (Sq m)

Table 107. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2021-2026) & (Sq m)

Table 108. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2027-2032) & (Sq m)

Table 109. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Region (2021-2026) & (Sq m)

Table 110. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Region (2027-2032) & (Sq m)

Table 111. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Region (2021-2026) & (USD Million)

Table 112. Asia-Pacific Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Region (2027-2032) & (USD Million)

Table 113. South America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2021-2026) & (Sq m)

Table 114. South America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Type (2027-2032) & (Sq m)

Table 115. South America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2021-2026) & (Sq m)

Table 116. South America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Application (2027-2032) & (Sq m)

Table 117. South America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Country (2021-2026) & (Sq m)

Table 118. South America Epoxy Coated Aluminum Foil for Air Conditioner Sales Quantity by Country (2027-2032) & (Sq m)

Table 119. South America Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Country (2021-2026) & (USD Million)

Table 120. South America Epoxy Coated Aluminum Foil for Air Conditioner Consumption Value by Country (2027-2032) & (USD Million)

Table 121. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner Sales

Quantity by Type (2021-2026) & (Sq m)

Table 122. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner Sales

Quantity by Type (2027-2032) & (Sq m)

Table 123. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner Sales

Quantity by Application (2021-2026) & (Sq m)

Table 124. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner Sales

Quantity by Application (2027-2032) & (Sq m)

Table 125. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner Sales

Quantity by Country (2021-2026) & (Sq m)

Table 126. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner Sales

Quantity by Country (2027-2032) & (Sq m)

Table 127. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner

Consumption Value by Country (2021-2026) & (USD Million)

Table 128. Middle East & Africa Epoxy Coated Aluminum Foil for Air Conditioner

Consumption Value by Country (2027-2032) & (USD Million)

Table 129. Epoxy Coated Aluminum Foil for Air Conditioner Raw Material

Table 130. Key Manufacturers of Epoxy Coated Aluminum Foil for Air Conditioner Raw Materials

Table 131. Epoxy Coated Aluminum Foil for Air Conditioner Typical Distributors

Table 132. Epoxy Coated Aluminum Foil for Air Conditioner Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Epoxy Coated Aluminum Foil for Air Conditioner Picture
- Figure 2. Global Epoxy Coated Aluminum Foil for Air Conditioner Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Epoxy Coated Aluminum Foil for Air Conditioner Revenue Market Share by Type in 2025
- Figure 4. 8011 Examples
- Figure 5. 1100 Examples
- Figure 6. 1200 Examples
- Figure 7. 3102 Examples
- Figure 8. Others Examples
- Figure 9. Global Epoxy Coated Aluminum Foil for Air Conditioner Revenue by Thickness, (USD Million), 2021 & 2025 & 2032
- Figure 10. Global Epoxy Coated Aluminum Foil for Air Conditioner Revenue Market Share by Thickness in 2025
- Figure 11. Thickness

I would like to order

Product name: Global Epoxy Coated Aluminum Foil for Air Conditioner Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G8259481651CEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8259481651CEN.html>