

# **Global Hydrophobic Aluminum Foil Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032**

<https://marketpublishers.com/r/GFDFCAC2B367EN.html>

Date: July 2026

Pages: 105

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

ID: GFDFCAC2B367EN

## **Abstracts**

According to our (Global Info Research) latest study, the global Hydrophobic Aluminum Foil market size was valued at US\$ 1111 million in 2025 and is forecast to a readjusted size of US\$ 1357 million by 2032 with a CAGR of 2.9% during review period.

Hydrophobic Aluminum Foil is defined as an aluminum substrate whose surface is treated to form a low-surface-energy layer that enhances water repellence and improves anti-condensation performance in heat exchangers. Its upstream consists of electrolytic aluminum ingots and rolling equipment supplied by companies such as Chinalco, Yunnan Aluminium, Baowu, Alcoa, Rio Tinto, RUSAL, SMS group and Danieli. The midstream covers coating formulation design, coating processes and composite finishing. The downstream applications include residential air conditioners, automotive HVAC and commercial HVAC, with representative customers such as Gree, Midea, Haier, BYD, SAIC, Toyota, Volkswagen, Carrier and Daikin. In 2025, production was 360 million square meters and the average price was USD 3 per square meter. The industry's capacity utilization rate in 2025 was about 70%, and the average gross margin was around 15%.

Hydrophobic Aluminum Foil will benefit from the continued global expansion of HVAC demand, driven by energy-efficiency upgrades, tighter environmental regulations and the shift toward high-performance heat exchangers. Its ability to enhance drainage, reduce frost accumulation and improve long-term heat-exchange stability makes it increasingly favored in residential air conditioners, automotive HVAC and commercial systems. As OEMs move toward higher efficiency standards and more compact heat-exchanger designs, adoption of advanced hydrophobic surfaces is expected to accelerate, supporting steady volume growth and a sustained move toward premium

coated materials.

This report is a detailed and comprehensive analysis for global Hydrophobic Aluminum Foil 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 Hydrophobic Aluminum Foil market size and forecasts, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2021-2032

Global Hydrophobic Aluminum Foil 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 Hydrophobic Aluminum Foil 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 Hydrophobic Aluminum Foil 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 Hydrophobic Aluminum Foil

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 Hydrophobic Aluminum Foil 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), Novelis Korea (South Korea), Shandong Nanshan Aluminum (China), Shanghai Huafon Aluminium Corporation (China), etc.

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

## Market Segmentation

Hydrophobic Aluminum Foil 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 Hydrophobic Aluminum Foil 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 Hydrophobic Aluminum Foil Consumption Value by Thickness: 2021 Versus 2025 Versus 2032

1.4.2 Thickness

## List Of Tables

### LIST OF TABLES

Table 1. Global Hydrophobic Aluminum Foil Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Hydrophobic Aluminum Foil Consumption Value by Thickness, (USD Million), 2021 & 2025 & 2032

Table 3. Global Hydrophobic Aluminum Foil Consumption Value by Coating, (USD Million), 2021 & 2025 & 2032

Table 4. Global Hydrophobic Aluminum Foil Consumption Value by Regional Standard, (USD Million), 2021 & 2025 & 2032

Table 5. Global Hydrophobic Aluminum Foil 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) Hydrophobic Aluminum Foil Product and Services

Table 9. Dingsheng New Materials (China) Hydrophobic Aluminum Foil 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) Hydrophobic Aluminum Foil Product and Services

Table 14. Jiangsu Alcha Aluminium Group (China) Hydrophobic Aluminum Foil 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) Hydrophobic Aluminum Foil Product and Services

Table 19. Henan Mingtai Al. Industrial (China) Hydrophobic Aluminum Foil 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) Hydrophobic Aluminum Foil Product and Services

Table 24. Shantou Wanshun New Material Group (China) Hydrophobic Aluminum Foil 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) Hydrophobic Aluminum Foil Product and Services

Table 29. Chalco Aluminum (China) Hydrophobic Aluminum Foil 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) Hydrophobic Aluminum Foil Product and Services

Table 34. Guangdong Hec Technology (China) Hydrophobic Aluminum Foil 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) Hydrophobic Aluminum Foil Product and Services

Table 39. UACJ (Japan) Hydrophobic Aluminum Foil 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. Novelis Korea (South Korea) Basic Information, Manufacturing Base and Competitors

Table 42. Novelis Korea (South Korea) Major Business

Table 43. Novelis Korea (South Korea) Hydrophobic Aluminum Foil Product and Services

Table 44. Novelis Korea (South Korea) Hydrophobic Aluminum Foil Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 45. Novelis Korea (South Korea) Recent Developments/Updates

Table 46. Shandong Nanshan Aluminum (China) Basic Information, Manufacturing Base and Competitors

Table 47. Shandong Nanshan Aluminum (China) Major Business

Table 48. Shandong Nanshan Aluminum (China) Hydrophobic Aluminum Foil Product and Services

Table 49. Shandong Nanshan Aluminum (China) Hydrophobic Aluminum Foil Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 50. Shandong Nanshan Aluminum (China) Recent Developments/Updates

Table 51. Shanghai Huaфон Aluminium Corporation (China) Basic Information, Manufacturing Base and Competitors

Table 52. Shanghai Huaфон Aluminium Corporation (China) Major Business

Table 53. Shanghai Huaфон Aluminium Corporation (China) Hydrophobic Aluminum Foil Product and Services

Table 54. Shanghai Huaфон Aluminium Corporation (China) Hydrophobic Aluminum Foil Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 55. Shanghai Huaфон Aluminium Corporation (China) Recent Developments/Updates

Table 56. Global Hydrophobic Aluminum Foil Sales Quantity by Manufacturer (2021-2026) & (Sq m)

Table 57. Global Hydrophobic Aluminum Foil Revenue by Manufacturer (2021-2026) & (USD Million)

Table 58. Global Hydrophobic Aluminum Foil Average Price by Manufacturer (2021-2026) & (US\$/Sq m)

Table 59. Market Position of Manufacturers in Hydrophobic Aluminum Foil, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 60. Head Office and Hydrophobic Aluminum Foil Production Site of Key Manufacturer

Table 61. Hydrophobic Aluminum Foil Market: Company Product Type Footprint

Table 62. Hydrophobic Aluminum Foil Market: Company Product Application Footprint

Table 63. Hydrophobic Aluminum Foil New Market Entrants and Barriers to Market Entry



Table 64. Hydrophobic Aluminum Foil Mergers, Acquisition, Agreements, and Collaborations

Table 65. Global Hydrophobic Aluminum Foil Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 66. Global Hydrophobic Aluminum Foil Sales Quantity by Region (2021-2026) & (Sq m)

Table 67. Global Hydrophobic Aluminum Foil Sales Quantity by Region (2027-2032) & (Sq m)

Table 68. Global Hydrophobic Aluminum Foil Consumption Value by Region (2021-2026) & (USD Million)

Table 69. Global Hydrophobic Aluminum Foil Consumption Value by Region (2027-2032) & (USD Million)

Table 70. Global Hydrophobic Aluminum Foil Average Price by Region (2021-2026) & (US\$/Sq m)

Table 71. Global Hydrophobic Aluminum Foil Average Price by Region (2027-2032) & (US\$/Sq m)

Table 72. Global Hydrophobic Aluminum Foil Sales Quantity by Type (2021-2026) & (Sq m)

Table 73. Global Hydrophobic Aluminum Foil Sales Quantity by Type (2027-2032) & (Sq m)

Table 74. Global Hydrophobic Aluminum Foil Consumption Value by Type (2021-2026) & (USD Million)

Table 75. Global Hydrophobic Aluminum Foil Consumption Value by Type (2027-2032) & (USD Million)

Table 76. Global Hydrophobic Aluminum Foil Average Price by Type (2021-2026) & (US\$/Sq m)

Table 77. Global Hydrophobic Aluminum Foil Average Price by Type (2027-2032) & (US\$/Sq m)

Table 78. Global Hydrophobic Aluminum Foil Sales Quantity by Application (2021-2026) & (Sq m)

Table 79. Global Hydrophobic Aluminum Foil Sales Quantity by Application (2027-2032) & (Sq m)

Table 80. Global Hydrophobic Aluminum Foil Consumption Value by Application (2021-2026) & (USD Million)

Table 81. Global Hydrophobic Aluminum Foil Consumption Value by Application (2027-2032) & (USD Million)

Table 82. Global Hydrophobic Aluminum Foil Average Price by Application (2021-2026) & (US\$/Sq m)

Table 83. Global Hydrophobic Aluminum Foil Average Price by Application (2027-2032)



& (US\$/Sq m)

Table 84. North America Hydrophobic Aluminum Foil Sales Quantity by Type (2021-2026) & (Sq m)

Table 85. North America Hydrophobic Aluminum Foil Sales Quantity by Type (2027-2032) & (Sq m)

Table 86. North America Hydrophobic Aluminum Foil Sales Quantity by Application (2021-2026) & (Sq m)

Table 87. North America Hydrophobic Aluminum Foil Sales Quantity by Application (2027-2032) & (Sq m)

Table 88. North America Hydrophobic Aluminum Foil Sales Quantity by Country (2021-2026) & (Sq m)

Table 89. North America Hydrophobic Aluminum Foil Sales Quantity by Country (2027-2032) & (Sq m)

Table 90. North America Hydrophobic Aluminum Foil Consumption Value by Country (2021-2026) & (USD Million)

Table 91. North America Hydrophobic Aluminum Foil Consumption Value by Country (2027-2032) & (USD Million)

Table 92. Europe Hydrophobic Aluminum Foil Sales Quantity by Type (2021-2026) & (Sq m)

Table 93. Europe Hydrophobic Aluminum Foil Sales Quantity by Type (2027-2032) & (Sq m)

Table 94. Europe Hydrophobic Aluminum Foil Sales Quantity by Application (2021-2026) & (Sq m)

Table 95. Europe Hydrophobic Aluminum Foil Sales Quantity by Application (2027-2032) & (Sq m)

Table 96. Europe Hydrophobic Aluminum Foil Sales Quantity by Country (2021-2026) & (Sq m)

Table 97. Europe Hydrophobic Aluminum Foil Sales Quantity by Country (2027-2032) & (Sq m)

Table 98. Europe Hydrophobic Aluminum Foil Consumption Value by Country (2021-2026) & (USD Million)

Table 99. Europe Hydrophobic Aluminum Foil Consumption Value by Country (2027-2032) & (USD Million)

Table 100. Asia-Pacific Hydrophobic Aluminum Foil Sales Quantity by Type (2021-2026) & (Sq m)

Table 101. Asia-Pacific Hydrophobic Aluminum Foil Sales Quantity by Type (2027-2032) & (Sq m)

Table 102. Asia-Pacific Hydrophobic Aluminum Foil Sales Quantity by Application (2021-2026) & (Sq m)

Table 103. Asia-Pacific Hydrophobic Aluminum Foil Sales Quantity by Application (2027-2032) & (Sq m)

Table 104. Asia-Pacific Hydrophobic Aluminum Foil Sales Quantity by Region (2021-2026) & (Sq m)

Table 105. Asia-Pacific Hydrophobic Aluminum Foil Sales Quantity by Region (2027-2032) & (Sq m)

Table 106. Asia-Pacific Hydrophobic Aluminum Foil Consumption Value by Region (2021-2026) & (USD Million)

Table 107. Asia-Pacific Hydrophobic Aluminum Foil Consumption Value by Region (2027-2032) & (USD Million)

Table 108. South America Hydrophobic Aluminum Foil Sales Quantity by Type (2021-2026) & (Sq m)

Table 109. South America Hydrophobic Aluminum Foil Sales Quantity by Type (2027-2032) & (Sq m)

Table 110. South America Hydrophobic Aluminum Foil Sales Quantity by Application (2021-2026) & (Sq m)

Table 111. South America Hydrophobic Aluminum Foil Sales Quantity by Application (2027-2032) & (Sq m)

Table 112. South America Hydrophobic Aluminum Foil Sales Quantity by Country (2021-2026) & (Sq m)

Table 113. South America Hydrophobic Aluminum Foil Sales Quantity by Country (2027-2032) & (Sq m)

Table 114. South America Hydrophobic Aluminum Foil Consumption Value by Country (2021-2026) & (USD Million)

Table 115. South America Hydrophobic Aluminum Foil Consumption Value by Country (2027-2032) & (USD Million)

Table 116. Middle East & Africa Hydrophobic Aluminum Foil Sales Quantity by Type (2021-2026) & (Sq m)

Table 117. Middle East & Africa Hydrophobic Aluminum Foil Sales Quantity by Type (2027-2032) & (Sq m)

Table 118. Middle East & Africa Hydrophobic Aluminum Foil Sales Quantity by Application (2021-2026) & (Sq m)

Table 119. Middle East & Africa Hydrophobic Aluminum Foil Sales Quantity by Application (2027-2032) & (Sq m)

Table 120. Middle East & Africa Hydrophobic Aluminum Foil Sales Quantity by Country (2021-2026) & (Sq m)

Table 121. Middle East & Africa Hydrophobic Aluminum Foil Sales Quantity by Country (2027-2032) & (Sq m)

Table 122. Middle East & Africa Hydrophobic Aluminum Foil Consumption Value by

Country (2021-2026) & (USD Million)

Table 123. Middle East & Africa Hydrophobic Aluminum Foil Consumption Value by  
Country (2027-2032) & (USD Million)

Table 124. Hydrophobic Aluminum Foil Raw Material

Table 125. Key Manufacturers of Hydrophobic Aluminum Foil Raw Materials

Table 126. Hydrophobic Aluminum Foil Typical Distributors

Table 127. Hydrophobic Aluminum Foil Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Hydrophobic Aluminum Foil Picture

Figure 2. Global Hydrophobic Aluminum Foil Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Hydrophobic Aluminum Foil 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 Hydrophobic Aluminum Foil Revenue by Thickness, (USD Million), 2021 & 2025 & 2032

Figure 10. Global Hydrophobic Aluminum Foil Revenue Market Share by Thickness in 2025

Figure 11. Thickness

## I would like to order

Product name: Global Hydrophobic Aluminum Foil Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GFDFCAC2B367EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFDFCAC2B367EN.html>