

Global HVAC Foam Insulation Material Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global HVAC Foam Insulation Material market size was valued at US\$ 2241 million in 2025 and is forecast to a readjusted size of US\$ 2994 million by 2032 with a CAGR of 4.3% during review period.

HVAC foam insulation material is a specialized, lightweight, and typically closed-cell material used to wrap pipes, ducts, and equipment in heating, ventilation, and air conditioning systems. It reduces energy loss, prevents condensation, and dampens noise. Common types include elastomeric rubber, polyethylene foam, polyurethane, and expanded polystyrene (EPS).

In 2025, the global HVAC Foam Insulation Material production reached 311 million square meters, with an average selling price of \$7 per square meter and a total production capacity of approximately 400 million square meters. The industry's gross profit margin for this product ranges from approximately 25% to 35%. Regarding the cost structure: direct materials account for approximately 55%–65%, manufacturing overhead for 18%–25%, and labor costs for 8%–12%. In terms of the industry value chain: the upstream sector comprises raw materials such as NBR, PVC, EPDM, PE, PIR/PUR, phenolic resins, blowing agents, flame retardants, plasticizers, adhesives, and facing materials (including aluminum foil, fiberglass cloth, and composite laminates); the downstream sector consists of the construction industry.

The global HVAC foam insulation material market is mainly supported by energy-efficiency retrofits in existing buildings, upgrades of commercial mechanical systems, and expansion of data centers and cold-chain facilities. Demand is expected to grow steadily rather than rapidly, with competition moving beyond basic thermal insulation

toward condensation control, low thermal conductivity, fire performance, installation efficiency and long-term durability. In Europe and North America, energy codes, fire standards and environmental certifications are key purchasing factors, while in the Middle East and Asia-Pacific, hot and humid climates, infrastructure projects and commercial building investment provide stronger demand support. The supply structure is divided between international brands serving high-specification projects and regional manufacturers competing in cost-sensitive markets. Future growth will be driven by high-performance closed-cell foams, pre-insulated duct systems and low-smoke, more sustainable material upgrades, while low-end products will remain exposed to price competition.

This report is a detailed and comprehensive analysis for global HVAC Foam Insulation Material 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 HVAC Foam Insulation Material market size and forecasts, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global HVAC Foam Insulation Material market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global HVAC Foam Insulation Material market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global HVAC Foam Insulation Material market shares of main players, shipments in revenue (\$ Million), sales quantity (K Sqm), 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 HVAC Foam Insulation Material

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 HVAC Foam Insulation Material 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 Armacell, Saint-Gobain, K-FLEX, Kingspan, Aeroflex, Asahi Kasei, BASF, Aerofoam, Thermaflex, Johns Manville, etc.

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

Market Segmentation

HVAC Foam Insulation Material 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

Closed-Cell Foam

Open-cell Foam

Market segment by Material

Polyethylene (PE) Foam

Polyisocyanurate (PIR) Foam

Flexible Foam

Others

Market segment by Thermal Conductivity

Thermal Conductivity

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 HVAC Foam Insulation Material Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Closed-Cell Foam

1.3.3 Open-cell Foam

1.4 Market Analysis by Material

1.4.1 Overview: Global HVAC Foam Insulation Material Consumption Value by Material: 2021 Versus 2025 Versus 2032

1.4.2 Polyethylene (PE) Foam

1.4.3 Polyisocyanurate (PIR) Foam

1.4.4 Flexible Foam

1.4.5 Others

1.5 Market Analysis by Thermal Conductivity

1.5.1 Overview: Global HVAC Foam Insulation Material Consumption Value by Thermal Conductivity: 2021 Versus 2025 Versus 2032

1.5.2 Thermal Conductivity

List Of Tables

LIST OF TABLES

Table 1. Global HVAC Foam Insulation Material Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global HVAC Foam Insulation Material Consumption Value by Material, (USD Million), 2021 & 2025 & 2032

Table 3. Global HVAC Foam Insulation Material Consumption Value by Thermal Conductivity, (USD Million), 2021 & 2025 & 2032

Table 4. Global HVAC Foam Insulation Material Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Armacell Basic Information, Manufacturing Base and Competitors

Table 6. Armacell Major Business

Table 7. Armacell HVAC Foam Insulation Material Product and Services

Table 8. Armacell HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Armacell Recent Developments/Updates

Table 10. Saint-Gobain Basic Information, Manufacturing Base and Competitors

Table 11. Saint-Gobain Major Business

Table 12. Saint-Gobain HVAC Foam Insulation Material Product and Services

Table 13. Saint-Gobain HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Saint-Gobain Recent Developments/Updates

Table 15. K-FLEX Basic Information, Manufacturing Base and Competitors

Table 16. K-FLEX Major Business

Table 17. K-FLEX HVAC Foam Insulation Material Product and Services

Table 18. K-FLEX HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. K-FLEX Recent Developments/Updates

Table 20. Kingspan Basic Information, Manufacturing Base and Competitors

Table 21. Kingspan Major Business

Table 22. Kingspan HVAC Foam Insulation Material Product and Services

Table 23. Kingspan HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 24. Kingspan Recent Developments/Updates
- Table 25. Aeroflex Basic Information, Manufacturing Base and Competitors
- Table 26. Aeroflex Major Business
- Table 27. Aeroflex HVAC Foam Insulation Material Product and Services
- Table 28. Aeroflex HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 29. Aeroflex Recent Developments/Updates
- Table 30. Asahi Kasei Basic Information, Manufacturing Base and Competitors
- Table 31. Asahi Kasei Major Business
- Table 32. Asahi Kasei HVAC Foam Insulation Material Product and Services
- Table 33. Asahi Kasei HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 34. Asahi Kasei Recent Developments/Updates
- Table 35. BASF Basic Information, Manufacturing Base and Competitors
- Table 36. BASF Major Business
- Table 37. BASF HVAC Foam Insulation Material Product and Services
- Table 38. BASF HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 39. BASF Recent Developments/Updates
- Table 40. Aerofoam Basic Information, Manufacturing Base and Competitors
- Table 41. Aerofoam Major Business
- Table 42. Aerofoam HVAC Foam Insulation Material Product and Services
- Table 43. Aerofoam HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 44. Aerofoam Recent Developments/Updates
- Table 45. Thermaflex Basic Information, Manufacturing Base and Competitors
- Table 46. Thermaflex Major Business
- Table 47. Thermaflex HVAC Foam Insulation Material Product and Services
- Table 48. Thermaflex HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 49. Thermaflex Recent Developments/Updates
- Table 50. Johns Manville Basic Information, Manufacturing Base and Competitors
- Table 51. Johns Manville Major Business
- Table 52. Johns Manville HVAC Foam Insulation Material Product and Services
- Table 53. Johns Manville HVAC Foam Insulation Material Sales Quantity (K Sqm),

Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Johns Manville Recent Developments/Updates

Table 55. Sekisui Thermobreak Basic Information, Manufacturing Base and Competitors

Table 56. Sekisui Thermobreak Major Business

Table 57. Sekisui Thermobreak HVAC Foam Insulation Material Product and Services

Table 58. Sekisui Thermobreak HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Sekisui Thermobreak Recent Developments/Updates

Table 60. Boyd Basic Information, Manufacturing Base and Competitors

Table 61. Boyd Major Business

Table 62. Boyd HVAC Foam Insulation Material Product and Services

Table 63. Boyd HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Boyd Recent Developments/Updates

Table 65. Durkee Basic Information, Manufacturing Base and Competitors

Table 66. Durkee Major Business

Table 67. Durkee HVAC Foam Insulation Material Product and Services

Table 68. Durkee HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. Durkee Recent Developments/Updates

Table 70. Huamei Energy Aaving Technology Basic Information, Manufacturing Base and Competitors

Table 71. Huamei Energy Aaving Technology Major Business

Table 72. Huamei Energy Aaving Technology HVAC Foam Insulation Material Product and Services

Table 73. Huamei Energy Aaving Technology HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 74. Huamei Energy Aaving Technology Recent Developments/Updates

Table 75. Shenzhou Energy Saving Technology Basic Information, Manufacturing Base and Competitors

Table 76. Shenzhou Energy Saving Technology Major Business

Table 77. Shenzhou Energy Saving Technology HVAC Foam Insulation Material Product and Services

Table 78. Shenzhou Energy Saving Technology HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin

and Market Share (2021-2026)

Table 79. Shenzhou Energy Saving Technology Recent Developments/Updates

Table 80. Wincell Basic Information, Manufacturing Base and Competitors

Table 81. Wincell Major Business

Table 82. Wincell HVAC Foam Insulation Material Product and Services

Table 83. Wincell HVAC Foam Insulation Material Sales Quantity (K Sqm), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. Wincell Recent Developments/Updates

Table 85. Global HVAC Foam Insulation Material Sales Quantity by Manufacturer (2021-2026) & (K Sqm)

Table 86. Global HVAC Foam Insulation Material Revenue by Manufacturer (2021-2026) & (USD Million)

Table 87. Global HVAC Foam Insulation Material Average Price by Manufacturer (2021-2026) & (US\$/Sq m)

Table 88. Market Position of Manufacturers in HVAC Foam Insulation Material, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 89. Head Office and HVAC Foam Insulation Material Production Site of Key Manufacturer

Table 90. HVAC Foam Insulation Material Market: Company Product Type Footprint

Table 91. HVAC Foam Insulation Material Market: Company Product Application Footprint

Table 92. HVAC Foam Insulation Material New Market Entrants and Barriers to Market Entry

Table 93. HVAC Foam Insulation Material Mergers, Acquisition, Agreements, and Collaborations

Table 94. Global HVAC Foam Insulation Material Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 95. Global HVAC Foam Insulation Material Sales Quantity by Region (2021-2026) & (K Sqm)

Table 96. Global HVAC Foam Insulation Material Sales Quantity by Region (2027-2032) & (K Sqm)

Table 97. Global HVAC Foam Insulation Material Consumption Value by Region (2021-2026) & (USD Million)

Table 98. Global HVAC Foam Insulation Material Consumption Value by Region (2027-2032) & (USD Million)

Table 99. Global HVAC Foam Insulation Material Average Price by Region (2021-2026) & (US\$/Sq m)

Table 100. Global HVAC Foam Insulation Material Average Price by Region

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

Table 101. Global HVAC Foam Insulation Material Sales Quantity by Type (2021-2026) & (K Sqm)

Table 102. Global HVAC Foam Insulation Material Sales Quantity by Type (2027-2032) & (K Sqm)

Table 103. Global HVAC Foam Insulation Material Consumption Value by Type (2021-2026) & (USD Million)

Table 104. Global HVAC Foam Insulation Material Consumption Value by Type (2027-2032) & (USD Million)

Table 105. Global HVAC Foam Insulation Material Average Price by Type (2021-2026) & (US\$/Sq m)

Table 106. Global HVAC Foam Insulation Material Average Price by Type (2027-2032) & (US\$/Sq m)

Table 107. Global HVAC Foam Insulation Material Sales Quantity by Application (2021-2026) & (K Sqm)

Table 108. Global HVAC Foam Insulation Material Sales Quantity by Application (2027-2032) & (K Sqm)

Table 109. Global HVAC Foam Insulation Material Consumption Value by Application (2021-2026) & (USD Million)

Table 110. Global HVAC Foam Insulation Material Consumption Value by Application (2027-2032) & (USD Million)

Table 111. Global HVAC Foam Insulation Material Average Price by Application (2021-2026) & (US\$/Sq m)

Table 112. Global HVAC Foam Insulation Material Average Price by Application (2027-2032) & (US\$/Sq m)

Table 113. North America HVAC Foam Insulation Material Sales Quantity by Type (2021-2026) & (K Sqm)

Table 114. North America HVAC Foam Insulation Material Sales Quantity by Type (2027-2032) & (K Sqm)

Table 115. North America HVAC Foam Insulation Material Sales Quantity by Application (2021-2026) & (K Sqm)

Table 116. North America HVAC Foam Insulation Material Sales Quantity by Application (2027-2032) & (K Sqm)

Table 117. North America HVAC Foam Insulation Material Sales Quantity by Country (2021-2026) & (K Sqm)

Table 118. North America HVAC Foam Insulation Material Sales Quantity by Country (2027-2032) & (K Sqm)

Table 119. North America HVAC Foam Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 120. North America HVAC Foam Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 121. Europe HVAC Foam Insulation Material Sales Quantity by Type (2021-2026) & (K Sqm)

Table 122. Europe HVAC Foam Insulation Material Sales Quantity by Type (2027-2032) & (K Sqm)

Table 123. Europe HVAC Foam Insulation Material Sales Quantity by Application (2021-2026) & (K Sqm)

Table 124. Europe HVAC Foam Insulation Material Sales Quantity by Application (2027-2032) & (K Sqm)

Table 125. Europe HVAC Foam Insulation Material Sales Quantity by Country (2021-2026) & (K Sqm)

Table 126. Europe HVAC Foam Insulation Material Sales Quantity by Country (2027-2032) & (K Sqm)

Table 127. Europe HVAC Foam Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 128. Europe HVAC Foam Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 129. Asia-Pacific HVAC Foam Insulation Material Sales Quantity by Type (2021-2026) & (K Sqm)

Table 130. Asia-Pacific HVAC Foam Insulation Material Sales Quantity by Type (2027-2032) & (K Sqm)

Table 131. Asia-Pacific HVAC Foam Insulation Material Sales Quantity by Application (2021-2026) & (K Sqm)

Table 132. Asia-Pacific HVAC Foam Insulation Material Sales Quantity by Application (2027-2032) & (K Sqm)

Table 133. Asia-Pacific HVAC Foam Insulation Material Sales Quantity by Region (2021-2026) & (K Sqm)

Table 134. Asia-Pacific HVAC Foam Insulation Material Sales Quantity by Region (2027-2032) & (K Sqm)

Table 135. Asia-Pacific HVAC Foam Insulation Material Consumption Value by Region (2021-2026) & (USD Million)

Table 136. Asia-Pacific HVAC Foam Insulation Material Consumption Value by Region (2027-2032) & (USD Million)

Table 137. South America HVAC Foam Insulation Material Sales Quantity by Type (2021-2026) & (K Sqm)

Table 138. South America HVAC Foam Insulation Material Sales Quantity by Type (2027-2032) & (K Sqm)

Table 139. South America HVAC Foam Insulation Material Sales Quantity by

Application (2021-2026) & (K Sqm)

Table 140. South America HVAC Foam Insulation Material Sales Quantity by

Application (2027-2032) & (K Sqm)

Table 141. South America HVAC Foam Insulation Material Sales Quantity by Country (2021-2026) & (K Sqm)

Table 142. South America HVAC Foam Insulation Material Sales Quantity by Country (2027-2032) & (K Sqm)

Table 143. South America HVAC Foam Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 144. South America HVAC Foam Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 145. Middle East & Africa HVAC Foam Insulation Material Sales Quantity by Type (2021-2026) & (K Sqm)

Table 146. Middle East & Africa HVAC Foam Insulation Material Sales Quantity by Type (2027-2032) & (K Sqm)

Table 147. Middle East & Africa HVAC Foam Insulation Material Sales Quantity by Application (2021-2026) & (K Sqm)

Table 148. Middle East & Africa HVAC Foam Insulation Material Sales Quantity by Application (2027-2032) & (K Sqm)

Table 149. Middle East & Africa HVAC Foam Insulation Material Sales Quantity by Country (2021-2026) & (K Sqm)

Table 150. Middle East & Africa HVAC Foam Insulation Material Sales Quantity by Country (2027-2032) & (K Sqm)

Table 151. Middle East & Africa HVAC Foam Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 152. Middle East & Africa HVAC Foam Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 153. HVAC Foam Insulation Material Raw Material

Table 154. Key Manufacturers of HVAC Foam Insulation Material Raw Materials

Table 155. HVAC Foam Insulation Material Typical Distributors

Table 156. HVAC Foam Insulation Material Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. HVAC Foam Insulation Material Picture

Figure 2. Global HVAC Foam Insulation Material Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global HVAC Foam Insulation Material Revenue Market Share by Type in 2025

Figure 4. Closed-Cell Foam Examples

Figure 5. Open-cell Foam Examples

Figure 6. Global HVAC Foam Insulation Material Revenue by Material, (USD Million), 2021 & 2025 & 2032

Figure 7. Global HVAC Foam Insulation Material Revenue Market Share by Material in 2025

Figure 8. Polyethylene (PE) Foam Examples

Figure 9. Polyisocyanurate (PIR) Foam Examples

Figure 10. Flexible Foam Examples

Figure 11. Others Examples

Figure 12. Global HVAC Foam Insulation Material Revenue by Thermal Conductivity, (USD Million), 2021 & 2025 & 2032

Figure 13. Global HVAC Foam Insulation Material Revenue Market Share by Thermal Conductivity in 2025

Figure 14. Thermal Conductivity

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