

# Aerospace Insulation Market CAGR to be at 8.8% from 2025 to 2029 | \$12.91 Billion Industry Revenue by 2029

*The Business Research Company's  
Aerospace Insulation Global Market  
Report 2025 – Market Size, Trends, And  
Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED  
KINGDOM, August 6, 2025

/EINPresswire.com/ -- What Is The  
Projected Market Size & Growth Rate  
Of The [Aerospace Insulation Market](#)?

The market size of aerospace insulation has seen robust growth over the past few years. The projection is that it'll expand from \$8.45 billion in 2024 to \$9.23 billion in 2025, with a compound annual growth rate (CAGR) of 9.3%. The historical period's growth can be traced back to factors such as regulatory requirements, aging aircraft fleet, global trade and cargo demand, increase in defense budget, and the overall growth of the aviation industry.



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The market for aerospace insulation is predicted to exhibit significant expansion in the upcoming years, with estimates suggesting a growth to \$12.91 billion in 2029 and a compound annual growth rate (CAGR) of 8.7%. The expansion during the forecast period can be credited to factors such as mitigation of climate change, aviation electrification, emerging markets, increments in research

and development investments, and an upswing in import and export activities. The forecast period is also expected to see trends like energy-efficient insulation, custom-made insulation solutions, environment-friendly insulation, lightweight insulation substances, and enhanced fire resistance.

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### What Is The Crucial Factor Driving The Global Aerospace Insulation Market?

Boost in aircraft production is projected to surge the growth of the aerospace insulation market. The aviation industry plays a key role in expediting the worldwide transportation network, contributing to economic advancement, employment opportunities, and endorsing global commerce and tourism. The heightened demand for air travel for both passengers and cargo, coupled with a solid demand for new airplanes, has fueled rivalry amongst aircraft producers. The companies have moved into the aerospace sector attributable to this expansion. As an instance, Airbus, a Netherlands-based airplane manufacturing company reported in January 2024 that it had delivered 735 commercial aircraft in 2023, pointing to an 11% uplift from 2022. Consequently, the uptick in aircraft production and deliveries is set to stimulate the growth of the aerospace insulation market.

### Who Are The Emerging Players In The Aerospace Insulation Market?

Major players in the Aerospace Insulation Global Market Report 2025 include:

- BASF SE
- AVS Industries Inc.
- 3M Company
- Duracote Corporation
- Boyd Corporation
- Rogers Corporation
- E. I. du Pont de Nemours and Company
- Elmelin Ltd.
- Esterline Technologies Corporation
- Evonik Industries AG

### What Are The Key Trends Shaping The Aerospace Insulation Industry?

The current trend in the aerospace insulation market is the rising popularity of technological advancement. To solidify their market dominance, major players from this sector are utilizing these tech-enhancements by incorporating next-generation solutions such as soundproofing, heat-shielding materials, antimicrobial plastics, thermoplastic, ultra-lightweight thermal and acoustic insulation, melted microporous insulation, and more into their offerings. These tactics aim to reduce heat loss from the engine. One example occurred in January 2023 when UK-based engineering firm Aerogel Core Ltd., debuted their ultra-light 'aerogels' insulation, which can be employed as soundproofing and heat-shielding materials in the aerospace and automotive fields.

### What Segments Are Covered In The Aerospace Insulation Market Report?

The aerospace insulation market covered in this report is segmented –

- 1) By Product: Thermal Insulation, Acoustic Insulation, Vibration Insulation, Electric Insulation
- 2) By Material: Foamed Plastics, Ceramic Material, Fiber Glass, Mineral Wool
- 3) By Application: Engine, Airframe
- 4) By Aircraft: Commercial Aircraft, Military Aircraft, Helicopters

Subsegments:

- 1) By Thermal Insulation: Aerogel Insulation, Fiberglass Insulation, Ceramic Insulation, Polyimide Insulation
- 2) By Acoustic Insulation: Sound-Absorbing Materials, Noise Barriers, Acoustic Blankets
- 3) By Vibration Insulation: Rubber Mounts, Foam Dampers, Composite Vibration Insulators
- 4) By Electric Insulation: Electrical Insulation Materials, Dielectric Insulation, Thermal/Electrical Insulation Composites

View the full aerospace insulation market report:

<https://www.thebusinessresearchcompany.com/report/aerospace-insulation-global-market-report>

Which Region Is Projected To Hold The Largest Market Share In The Global Aerospace Insulation Market?

In the 2025 Aerospace Insulation Global Market Report, North America reigns as the largest participant. The steady growth is expected to be overshadowed by Asia-Pacific, which is projected as the fastest-growing player in the aerospace insulation marketplace. The concise report acknowledges all regions involved, including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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