

North America Aerospace Insulation Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Product (Thermal Insulation, Acoustic Insulation, Vibration Insulation, and Electric Insulation), Aircraft (Commercial Aircraft, Military Aircraft, and Helicopters), Application (Engine and Airframe), and Insulation Material (Mineral Wool, Ceramic-based Materials, Foamed Plastics, and Fiberglass)

Market Report | 2022-11-16 | 120 pages | The Insight Partners

AVAILABLE LICENSES:

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

Report description:

The aerospace insulation market in North America is expected to grow from US\$ 2,145.57 million in 2022 to US\$ 2,870.88 million by 2028. It is estimated to grow at a CAGR of 5.0% from 2022 to 2028.

Surging Aircraft Manufacturing Sector and Increase in Fleet Replacement

The rising demand for lightweight fleet, new generation, and fuel-efficient aircraft with the increasing emphasis on reducing emissions is expected to increase aircraft production. The growth in the development of the travel industry in emerging markets, coupled with the increasing number of passengers for outbound and domestic travel, are the major factors driving the growth of the industry. In addition, increasing investments in technological developments and the growing need to replace obsolete aircraft with newer, more fuel-efficient, and advanced aircraft are supporting the growth of the aircraft manufacturing industry. In addition, the increasing disposable income of the middle class and the growing trend to reduce aircraft weight by using lightweight components to improve fuel efficiency are creating demand in the industry.

With the increase air passenger traffic growth, and increase in disposable income with expansion of middle class have made air travel more affordable is driving the demand for new aircraft bodies, those are lightweight and helps in reducing global carbon emission.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Market Overview

Currently, North America is witnessing an increased demand for aerospace insulation due surge in demand for fuel-efficient engines with corrosion-resistant insulation. Additionally, an increase in the rate of fleet replacement, where old generation aircraft are being replaced with new generation aircraft, is expected to benefit the market growth. The largest aircraft deliveries are also seen in North America. It also accounts for the largest passenger traffic. The North American region also spends the most on technology and R&D programs. It also has the largest defense spending in the world. North America is home to some of the giants in the aircraft manufacturing industry such as Raytheon Technologies, Boeing, Lockheed Martin, etc. Moreover, the region is expected to witness a growing demand for fuel-efficient aircraft in the next few years on account of rising fuel prices. The high replacement rate mainly for regional aircraft is fueling the growth of the aerospace industry, which, in turn, is expected to increase the demand for aircraft insulation over the forecast period.

North America Aerospace Insulation Market Revenue and Forecast to 2028 (US\$ Million)

North America Aerospace Insulation Market Segmentation

The North America aerospace insulation market is segmented into product, insulation material, aircraft, application, and country.

Based on product, the market is segmented into thermal insulation, acoustic insulation, electric insulation, and vibration insulation. The thermal insulation segment registered the largest market share in 2022. Based on insulation material, the market is categorized into mineral wool, ceramic-based materials, foamed plastics, and fiberglass and others. The ceramic-based materials segment held the largest market share in 2022. Based on aircraft, the North America aerospace insulation market is segmented into commercial aircraft, military aircraft, and helicopters. The commercial aircraft segment held the largest market share in 2022. Based on application, the North America aerospace insulation market is bifurcated into engine and airframe. The airframe segment held the largest market share in 2022. Based on country, the market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2022. Duracote Corporation; Rogers Corporation; DuPont; BASF SE; 3M; Morgan Advanced Materials Plc; Polymer Technologies Inc.; TransDigm Group Incorporated; Triumph Group, Inc.; and Johns Manville are the leading companies operating in the aerospace insulation market in the region.

Table of Contents:

TABLE OF CONTENTS

- 1. Introduction
 - 1.1 Study Scope
 - 1.2 The Insight Partners Research Report Guidance
 - 1.3 Market Segmentation
 - 1.3.1 North America Aerospace Insulation Market, by Product
 - 1.3.2 North America Aerospace Insulation Market, by Insulation Material
 - 1.3.3 North America Aerospace Insulation Market, by Aircraft
 - 1.3.4 North America Aerospace Insulation Market, by Application
 - 1.3.5 North America Aerospace Insulation Market, by Country
- 2. Key Takeaways
- 3. Research Methodology
 - 3.1 Scope of the Study
 - 3.2 Research Methodology
 - 3.2.1 Data Collection:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.2.2 Primary Interviews:
- 3.2.3 Hypothesis formulation:
- 3.2.4 Macro-economic factor analysis:
- 3.2.5 Developing base number:
- 3.2.6 Data Triangulation:
- 3.2.7 Country level data:
- 4. North America Aerospace Insulation Market Landscape
 - 4.1 Market Overview
 - 4.2 Porter's Five Forces Analysis
 - 4.2.1 Bargaining Power of Suppliers
 - 4.2.2 Bargaining Power of Buyers
 - 4.2.3 Threat of New Entrants
 - 4.2.4 Competitive Rivalry
 - 4.2.5 Threat of Substitutes
 - 4.3 Ecosystem Analysis
 - 4.3.1 Raw Material Suppliers:
 - 4.3.2 Manufacturers:
 - 4.3.3 Distributors/Suppliers:
 - 4.3.4 End Users:
 - 4.4 Expert Opinion
- 5. North America Aerospace Insulation Market - Key Market Dynamics
 - 5.1 Market Drivers
 - 5.1.1 Burgeoning Demand for Lightweight Insulation Materials
 - 5.1.2 Surging Aircraft Manufacturing Sector and Increase in Fleet Replacement
 - 5.2 Market Restraints
 - 5.2.1 Lesser Recyclability of Insulation Materials
 - 5.3 Market Future Trends
 - 5.3.1 Raising Globalization and Increased International Trade
 - 5.4 Impact Analysis
- 6. North America Aerospace Insulation - Market Analysis
 - 6.1 Aerospace Insulation Market Overview
 - 6.2 North America Aerospace Insulation Market -Revenue and Forecast to 2028 (US\$ Million)
- 7. North America Aerospace Insulation Market Analysis - by Product
 - 7.1 Overview
 - 7.2 North America Aerospace Insulation Market, By Product
 - 7.3 Thermal Insulation
 - 7.3.1 Overview
 - 7.3.2 Thermal Insulation: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 7.4 Acoustic Insulation
 - 7.4.1 Overview
 - 7.4.2 Acoustic Insulation: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 7.5 Electric Insulation
 - 7.5.1 Overview
 - 7.5.2 Electric Insulation: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 7.6 Vibration Insulation
 - 7.6.1 Overview
 - 7.6.2 Vibration Insulation: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8. North America Aerospace Insulation Market Analysis - by Insulation Material
 - 8.1 Overview
 - 8.2 North America Aerospace Insulation Market, by Insulation Material
 - 8.3 Mineral Wool
 - 8.3.1 Overview
 - 8.3.2 Mineral Wool: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 8.4 Ceramic-based Material
 - 8.4.1 Overview
 - 8.4.2 Ceramic-based Material: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 8.5 Foamed Plastics
 - 8.5.1 Overview
 - 8.5.2 Foamed Plastics: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 8.6 Fiberglass and Others
 - 8.6.1 Overview
 - 8.6.2 Fiberglass and Others: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
- 9. North America Aerospace Insulation Market Analysis - by Aircraft
 - 9.1 Overview
 - 9.2 North America: Aerospace Insulation Market, By Aircraft
 - 9.3 Commercial Aircraft
 - 9.3.1 Overview
 - 9.3.2 Commercial Aircraft: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 9.4 Military Aircraft
 - 9.4.1 Overview
 - 9.4.2 Military Aircraft: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 9.5 Helicopters
 - 9.5.1 Overview
 - 9.5.2 Helicopters: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
- 10. North America Aerospace Insulation Market Analysis - by Application
 - 10.1 Overview
 - 10.2 North America Aerospace Insulation Market, by Application
 - 10.3 Engine
 - 10.3.1 Overview
 - 10.3.2 Engine: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 10.4 Airframe
 - 10.4.1 Overview
 - 10.4.2 Airframe: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
- 11. North America Aerospace Insulation Market - Country Analysis
 - 11.1 Overview
 - 11.1.1 North America Aerospace Insulation Market, by Key Country
 - 11.1.1.1 US: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 11.1.1.1.1 US: Aerospace Insulation Market, By Product
 - 11.1.1.1.2 US: Aerospace Insulation Market, by Insulation Material
 - 11.1.1.1.3 US: Aerospace Insulation Market, By Aircraft
 - 11.1.1.1.4 US: Aerospace Insulation Market, by Application
 - 11.1.1.2 Canada: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
 - 11.1.1.2.1 Canada: Aerospace Insulation Market, By Product
 - 11.1.1.2.2 Canada: Aerospace Insulation Market, by Insulation Material

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.1.1.2.3 Canada: Aerospace Insulation Market, By Aircraft
- 11.1.1.2.4 Canada: Aerospace Insulation Market, by Application
- 11.1.1.3 Mexico: Aerospace Insulation Market - Revenue and Forecast to 2028 (US\$ Million)
- 11.1.1.3.1 Mexico: Aerospace Insulation Market, By Product
- 11.1.1.3.2 Mexico: Aerospace Insulation Market, by Insulation Material
- 11.1.1.3.3 Mexico: Aerospace Insulation Market, By Aircraft
- 11.1.1.3.4 Mexico: Aerospace Insulation Market, by Application
- 12. Industry Landscape
- 12.1 Overview
- 12.2 Market Initiative
- 12.3 New Product Development
- 12.4 Merger and Acquisition
- 13. Company Profiles
- 13.1 Duracote Corporation
- 13.1.1 Key Facts
- 13.1.2 Business Description
- 13.1.3 Products and Services
- 13.1.4 Financial Overview
- 13.1.5 SWOT Analysis
- 13.1.6 Key Developments
- 13.2 Rogers Corporation
- 13.2.1 Key Facts
- 13.2.2 Business Description
- 13.2.3 Products and Services
- 13.2.4 Financial Overview
- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments
- 13.3 DuPont
- 13.3.1 Key Facts
- 13.3.2 Business Description
- 13.3.3 Products and Services
- 13.3.4 Financial Overview
- 13.3.5 SWOT Analysis
- 13.3.6 Key Developments
- 13.4 BASF SE
- 13.4.1 Key Facts
- 13.4.2 Business Description
- 13.4.3 Products and Services
- 13.4.4 Financial Overview
- 13.4.5 SWOT Analysis
- 13.4.6 Key Developments
- 13.5 3M
- 13.5.1 Key Facts
- 13.5.2 Business Description
- 13.5.3 Products and Services
- 13.5.4 Financial Overview
- 13.5.5 SWOT Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.5.6 Key Developments
- 13.6 TransDigm Group Incorporated
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 Triumph Group, Inc.
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments
- 13.8 Johns Manville
 - 13.8.1 Key Facts
 - 13.8.2 Business Description
 - 13.8.3 Products and Services
 - 13.8.4 Financial Overview
 - 13.8.5 SWOT Analysis
 - 13.8.6 Key Developments
- 13.9 Morgan Advanced Materials Plc
 - 13.9.1 Key Facts
 - 13.9.2 Business Description
 - 13.9.3 Products and Services
 - 13.9.4 Financial Overview
 - 13.9.5 SWOT Analysis
 - 13.9.6 Key Developments
- 13.10 Polymer Technologies Inc.
 - 13.10.1 Key Facts
 - 13.10.2 Business Description
 - 13.10.3 Products and Services
 - 13.10.4 Financial Overview
 - 13.10.5 SWOT Analysis
 - 13.10.6 Key Developments
- 14. Appendix
 - 14.1 About The Insight Partners
 - 14.2 Glossary of Terms

North America Aerospace Insulation Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Product (Thermal Insulation, Acoustic Insulation, Vibration Insulation, and Electric Insulation), Aircraft (Commercial Aircraft, Military Aircraft, and Helicopters), Application (Engine and Airframe), and Insulation Material (Mineral Wool, Ceramic-based Materials, Foamed Plastics, and Fiberglass)

Market Report | 2022-11-16 | 120 pages | The Insight Partners

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	\$3000.00
	Site Price	\$4000.00
	Enterprise Price	\$5000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-25"/>
		Signature	<input type="text"/>