

Growth Opportunities for Insulation in Global Aerospace Industry

<https://marketpublishers.com/r/G03CA5FC9CDEN.html>

Date: April 2024

Pages: 153

Price: US\$ 4,850.00 (Single User License)

ID: G03CA5FC9CDEN

Abstracts

According to a new market report published by Lucintel, the future of the aerospace insulation market looks positive with opportunities in commercial aircraft, regional aircraft, and general aviation. Insulation in the global aerospace industry is forecast to grow at a CAGR of 2.8% from 2015 to 2020. The major growth drivers of this market are increasing deliveries of aircraft and the demand for lightweight insulation materials. Aerospace industry players are focusing on reducing the weight of aircraft, which necessitates the demand for lightweight products and materials.

In this market, thermal and acoustic insulation are the two types of insulation. Thermal insulation is the largest segment by product, and it is expected to remain the same during the forecast period. Lucintel predicts that the demand for insulation in the regional aircraft segment is likely to experience the highest growth in the forecast period supported by rise in delivery of regional aircraft. The insulation in commercial aircraft segment has the largest contribution in the market. On the basis of its comprehensive research, Lucintel forecasts that the regional aircraft segment and the general aviation segment are expected to show above average growth during the forecast period.

Within the insulation market, the commercial aircraft segment will remain as the largest segment by value because of increase in demand of wide body commercial aircraft.

North America is expected to remain the largest market due to the growth in aircraft deliveries and increasing demand for light weight materials. Asia Pacific and Rest of the World are expected to grow significantly by virtue of growth in the commercial and regional aircraft markets. Growth in manufacturing of aircraft and aircraft components is expected to help in the expansion of the insulation market in APAC and ROW. Expansion in China's domestic aerospace market will raise the demand for the

insulation market in this region.

For market expansion, the report suggests innovation and new product development, where the unique characteristics of aerospace insulation can be capitalized. The report further suggests the development of partnerships with customers to create win-win situations and the development of performance-driven solutions for end users. BASF, DuPont, 3M, Triumph Group Inc., Esterline, Evonik Industries, Rogers Corporation, and Zotefoams are among the major suppliers of aerospace insulation. Some companies are opting for M&A as a strategic initiative for driving growth.

Lucintel, a leading global strategic consulting and market research firm, has analyzed insulation in the global aerospace market by application, region, and aircraft type and has come up with a comprehensive research report, "Growth Opportunities for Insulation in the Global Aerospace Industry 2015-2020: Trends, Forecast, and Opportunity Analysis." The Lucintel report serves as a spring board for the growth strategy as it provides a comprehensive data and analysis on trends, key drivers and directions. The study includes a forecast of the insulation in global aerospace market through 2020, segmented by region, aircraft, and application as follows:

By aircraft type (Value \$ Million from 2009 to 2020)-

Commercial Aircraft

Regional Aircraft

General Aviation

Helicopter

Defense

By application type (Value \$ Million for 2014)-

Thermal insulation

Acoustic insulation

By region (Value \$ Million from 2009 to 2020)-

North America

Europe

Asia Pacific

Rest of World

This unique report from Lucintel will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report will save hundreds of hours of your own personal research time and will significantly benefit you in expanding your business in this market. In today's stringent economy, you need every advantage that you can find.

To make business, investment, and strategic decisions, you need timely, useful information. This market report fulfills this core need and is an indispensable reference guide for multinational materials suppliers, product manufacturers, investors, executives, distributors, and many more that operate in this market.

Some of the features of "Growth Opportunities for Insulation in Global Aerospace Industry 2015-2020: Trends, Forecast, and Opportunity Analysis" include:

Market size estimates: Insulation in Global Aerospace Industry size estimation in terms of value (\$Million).

Trend and forecast analysis: Insulation in Global Aerospace Industry trend (2009-2014) and forecast (2015-2020) by regions and by segments.

Segmentation analysis: Insulation in Global Aerospace Industry by Aircraft Type such as Commercial Aviation, Regional Aviation, General Aviation, Helicopter, Defense Aircraft.

Regional analysis: Insulation in Global aerospace industry breakdown by key regions such as North America, Europe, Asia Pacific, and Rest of World.

Growth opportunities: Analysis on growth opportunities in different aircraft type and regions.

Strategic analysis: This includes M&A, new product development, competitive landscape, and expansion strategies of insulation suppliers.

Emerging applications: Emerging applications of global aerospace industry in various markets.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

Contents

1. EXECUTIVE SUMMARY

2. INSULATION IN GLOBAL AEROSPACE INDUSTRY BACKGROUND AND CHARACTERISTICS

2.1. Introduction

- 2.1.1. Types of Insulation
- 2.1.2. Insulation Usage in Different Industries
- 2.1.3. Major Insulation Materials

2.2. Aerospace Industry

2.3. Insulation in Global Aerospace Industry

- 2.3.1. Application of Insulation in Aircraft
- 2.3.2. Thermal Insulation in Aircraft
- 2.3.3. Acoustic Insulation /Soundproofing in Aircraft
- 2.3.4. Manufacturing Process of Insulation Products/ Systems

2.4. Supply Chain

3. MARKET TREND AND FORECAST ANALYSIS

3.1. Market Analysis 2014

- 3.1.1. Insulation in Global Aerospace Industry by Value
- 3.1.2. Insulation in Global Aerospace Industry by Aircraft Type
- 3.1.3. Insulation in Global Aerospace Industry by Application Type
- 3.1.4. Insulation in Global Aerospace Industry by Region

3.2. Market Trend 2009-2014

- 3.2.1. Market Trend 2009-2014
- 3.2.2. Macroeconomic Trends
- 3.2.3. Insulation in Global Aerospace Industry by Value
- 3.2.4. Insulation Trend in North American Aerospace Industry by Value
- 3.2.5. Insulation Trend in European Aerospace Industry by Value
- 3.2.6. Insulation Trend in APAC Aerospace Industry by Value
- 3.2.7. Insulation Trend in ROW Aerospace Industry by Value
- 3.2.8. Key Drivers and Challenges

3.4. Market Forecast 2015-2020

- 3.4.1. Macroeconomic Forecasts
- 3.4.2. Insulation in Global Aerospace Industry Forecast by Value
- 3.4.2. Insulation Forecast in North American Aerospace Industry by Value

- 3.4.3. Insulation Forecast in European Aerospace Industry by Value
- 3.4.4. Insulation Forecast in APAC Aerospace Market by Value
- 3.4.5. Insulation Forecast in ROW Aerospace Market by Value

4. COMPETITOR ANALYSIS

- 4.1. Product Portfolio Analysis
- 4.2. Market Share Analysis
- 4.3. Geographical Mapping of Top Players
- 4.4. Operational Integration
- 4.5. Growth Leadership Analysis
- 4.4. Porter's Five Forces Analysis for Insulation in Global Aerospace Industry

5. GROWTH OPPORTUNITY AND STRATEGIC ANALYSIS

- 5.1. Growth Opportunities Analysis
 - 5.1.1. Growth Opportunities for Insulation in Global Aerospace Industry by Region
 - 5.1.2. Growth Opportunity by Aircraft Type
- 5.2. Strategic Analysis
 - 5.2.1. Innovations and New Product Development
- 5.3. Expansion Strategy
- 5.4. Product-Market Growth Matrix for Insulation in Global Aerospace Industry
- 5.5. Mergers and Acquisitions for Insulation in Global Aerospace Industry

6. COMPANY PROFILES OF LEADING PLAYERS

7. CUSTOMER ANALYSIS

- 7.1. Customers in Different Segments
- 7.2. Customer's Geographic Reach
- 7.3. Major Customer Profiles

DISCLAIMER

COPYRIGHT

ABBREVIATIONS AND TECHNICAL UNITS

ABOUT US

LIST OF FIGURES

CHAPTER 2. INSULATION IN GLOBAL AEROSPACE INDUSTRY BACKGROUND AND CHARACTERISTICS

- Figure 2.1: Classification of aerospace industry according to aircraft type
- Figure 2.2: Benefits of insulation in global aerospace industry
- Figure 2.3 Application of insulation in aircraft structure
- Figure 2.4: Fire protective insulation blanket near bottom half of the fuselage
- Figure 2.5: Turbine blade
- Figure 2.6: Insulation blanket in thrust reverser
- Figure 2.7: Layout of insulation in aircraft door
- Figure 2.8: First layer damper strips and second layer acoustic shield/barrier
- Figure 2.9: Noise, vibration & heat effecting aircraft cabin
- Figure 2.10: Layout of aircraft body panel damper
- Figure 2.11: Insulated galley cart
- Figure 2.12: Thermal and acoustical sidewall panels installed in cargo area of aircraft
- Figure 2.13: Auxiliary power unit (APU)
- Figure 2.14: Insulation installed in aircraft floor
- Figure 2.15: Acoustic insulation shield and stripes
- Figure 2.16: Insulation blanket in aircraft window
- Figure 2.17: Aircraft cargo area
- Figure 2.18: Heat shield and damper installed in the interior body panels of aircraft
- Figure 2.19: Insulation blanket
- Figure 2.20: Insulation tape
- Figure 2.21: Thermal/ acoustic liner layout
- Figure 2.22: Fiber insulation mats
- Figure 2.23: Soundproofing mat with foam backing
- Figure 2.24: Polydamp® mass fabrics (lightweight acoustic barriers)
- Figure 2.25: Soundproofing foam
- Figure 2.26: Stage One - extrusion and crosslinking
- Figure 2.27: Stage Two - impregnation with nitrogen gas
- Figure 2.28: Stage Three - expansion in low pressure autoclave
- Figure 2.29: Insulation in global aerospace industry supply chain

CHAPTER 3. MARKET TREND AND FORECAST ANALYSIS

- Figure 3.1: Insulation distribution (%) in global aerospace industry (\$ million) by aircraft type in 2014
- Figure 3.2: Insulation in global aerospace industry (\$ million) by aircraft type in 2014
- Figure 3.3: Insulation distribution (%) in global aerospace industry (\$ million) by application type in 2014
- Figure 3.4: Insulation in global aerospace industry (\$ million) by application type in 2014
- Figure 3.5: Insulation distribution (%) in global aerospace industry (\$ million) by region in 2014
- Figure 3.6: Insulation in global aerospace industry (\$ million) by region in 2013
- Figure 3.7: Global GDP growth rate trend
- Figure 3.8: Global air passenger traffic growth rate trend
- Figure 3.9: Trend in aircraft deliveries for Boeing and Airbus 2009-2014
- Figure 3.10: External forces shaping insulation in aerospace industry
- Figure 3.11: Insulation growth trend in global aerospace industry (\$M) (2009-2014)
- Figure 3.12: Insulation growth trend (\$M) in global aerospace industry by aircraft type (2009-2014)
- Figure 3.13: CAGR for insulation in global aerospace industry by aircraft type (2009-2014)
- Figure 3.14: Insulation growth trend in North American aerospace industry (\$M) (2009-2014)
- Figure 3.15: Insulation growth trend in European aerospace industry (\$M) (2009-2014)
- Figure 3.16: Insulation growth trend in APAC aerospace industry (\$M) (2009-2014)
- Figure 3.17: Insulation Growth trend in ROW aerospace industry (\$M) (2009-2014)
- Figure 3.18: Drivers and challenges for insulation in aerospace industry
- Figure 3.19: Global GDP growth rate forecast
- Figure 3.20: Forecast in aircraft deliveries for Boeing and Airbus 2014-2020
- Figure 3.21: Insulation forecast in global aerospace industry (\$ Million) (2015-2020)
- Figure 3.22: Insulation growth forecast (\$ Million) in global aerospace industry by aircraft type (2015-2020)
- Figure 3.23: Insulation growth forecast in North American aerospace industry (\$ Million) 2015-2020
- Figure 3.24: Insulation growth forecast in European aerospace industry (\$ Million) 2015-2020
- Figure 3.25: Insulation growth forecast in APAC aerospace industry (\$ Million) 2015-2020
- Figure 3.26: Insulation growth forecast in ROW aerospace industry (\$ Million) 2015-2020

CHAPTER 4. COMPETITOR ANALYSIS

Figure 4.1: Insulation in the global aerospace industry share by major players 2014

Figure 4.2: Insulation in global aerospace industry - top five players' market share in terms of \$ value in 2014

Figure 4.3: geographical mapping of top players of insulation in global aerospace industry

Figure 4.4: Market coverage of insulation manufacturers in global aerospace industry

Figure 4.5: Growth leadership matrix for insulation in global aerospace industry

Figure 4.6: Porter's five forces market analysis for insulation in global aerospace industry

CHAPTER 5. GROWTH OPPORTUNITY AND STRATEGIC ANALYSIS

Figure 5.1: Growth opportunities for insulation in global aerospace industry by region 2015-2020

Figure 5.2: Growth opportunities for insulation in global aerospace industry by aircraft type 2015-2020

Figure 5.3: Expansion of insulation materials by major players

Figure 5.4: Product- market strategy for insulation in global aerospace industry

CHAPTER 7. CUSTOMER ANALYSIS

Figure 7.1: Geographical footprint of customers of insulation in global aerospace industry

List Of Tables

LIST OF TABLES

CHAPTER 1. EXECUTIVE SUMMARY

Table 1.1: Insulation in global aerospace industry parameters and attributes 2014

CHAPTER 2. INSULATION IN GLOBAL AEROSPACE INDUSTRY BACKGROUND AND CHARACTERISTICS

Table 2.1 Low temperature insulation material, form, and characteristics

Table 2.2 Intermediate temperature insulation material, form, and characteristics

Table 2.3 High temperature insulation type, form, and characteristics

Table 2.4: Application of insulation in aerospace industry

CHAPTER 3. MARKET TREND AND FORECAST ANALYSIS

Table 3.1: Market Trends (2009-2014) of insulation in global aerospace industry

Table 3.2: Average growth rates for one, three, and five years for insulation in global aerospace industry in terms of \$ values

Table 3.3: Market size and 2013-2014 growth rates for insulation in global aerospace industry by aircraft type in terms of \$ value

Table 3.4: Market size and annual growth rates during last five years (2009-2014) for insulation in global aerospace industry by aircraft type in terms of \$ value

Table 3.5: Market trends (2009-2014) of insulation in North American aerospace industry

Table 3.6: Average growth rates for one, three, and five years for insulation in North American aerospace industry in terms of \$ values

Table 3.7: Market trends (2009-2014) of insulation in European aerospace industry

Table 3.8: Average growth rates for one, three, and five years for insulation in European aerospace industry in terms of \$ values

Table 3.9: Market trends (2009-2014) of insulation in APAC aerospace industry

Table 3.10: Average growth rates for one, three, and five years for insulation in APAC aerospace industry in terms of \$ values

Table 3.11: Market trends (2009-2014) of insulation in ROW aerospace industry

Table 3.12: Average growth rates for one, three, and five years for insulation in ROW aerospace industry in terms of \$ values

Table 3.13: Market forecast (2015-2020) of insulation in global aerospace industry

Table 3.14: Average growth rates for one, three, and five years for insulation in the global aerospace industry in terms of \$ values

Table 3.15: Market size and 2013-2014 growth rates of insulation in global aerospace industry by aircraft type in terms of \$ value

Table 3.16: Market size and annual growth rates during next five years (2015-2020) for insulation in global aerospace industry by aircraft type in terms of \$ value

Table 3.17: Market forecast (2015-2020) of insulation in North American aerospace industry

Table 3.18: Average growth rates for one, three, and five years for insulation in global aerospace industry in terms of \$ values

Table 3.19: Market forecast (2015-2020) of insulation in European aerospace industry

Table 3.20: Average growth rates for one, three, and five years for insulation in global aerospace industry in terms of \$ values

Table 3.21: Market forecast (2015-2020) of insulation in APAC aerospace industry

Table 3.22: Average growth rates for one, three, and five years for insulation in global aerospace industry in terms of \$ values

Table 3.23: Market forecast (2015-2020) of insulation in ROW aerospace industry

Table 3.24 Average growth rates for one, three, and five years for insulation in global aerospace industry in terms of \$ values

CHAPTER 4. COMPETITOR ANALYSIS

Table 4.1: Market portfolios of major players by aircraft type

Table 4.2: Market portfolios of major players by application

Table 4.3: Rankings of suppliers based on insulation revenue in global aerospace industry

Table 4.4: Presence of insulation manufacturers across the value chain

CHAPTER 7. CUSTOMER ANALYSIS

Table 7.1 Major customers/end users of insulation in global aerospace industry for different applications

I would like to order

Product name: Growth Opportunities for Insulation in Global Aerospace Industry

Product link: <https://marketpublishers.com/r/G03CA5FC9CDEN.html>

Price: US\$ 4,850.00 (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/G03CA5FC9CDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970