

Asia Pacific 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)

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Report description:

The aerospace insulation market in Asia Pacific is expected to grow from US\$ 1,375.91 million in 2022 to US\$ 1,876.47 million by 2028. It is estimated to grow at a CAGR of 5.3% from 2022 to 2028.

Upsurging Globalization and Increased International Trade

Increase in globalization and international trade is driving global connectivity, and with the increase in global connectivity there has been increase in aerospace production. The growth is driven by continued expansion of the civil aviation sector. Import and export activities has improved the economic condition and has also Air transport carries more than 90% of cross border B2C e-commerce and accounts approximately 35% of the global trade. Air transport is key to global economic development. This broader economic benefit is helps in connecting two cities allowing the movement of goods, people, capital, technology. COVID-19 has caused a significant loss of air connectivity. As due to travel restrictions, in 2020, the number of unique city pairs reduced by 30%. In 2021, the unique connectivity of city pairs started recovering partially and airlines are expanded their networks with travel facilitation with the restriction sin few regions. However, it will be 15% lower 2019 levels. Air transport is vital for international trade in manufactured goods, particularly for the components industry that accounts for a major part of cross border trade, which supports the growth of airline industry and with the growth of airline industry the demand for aerospace insulation is expected to grow. Government across the region are supporting the airlines in the form of capital investment, deferring payments

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of taxes and reducing tax liabilities.

Market Overview

Emerging economies in the Asia Pacific, including Australia, China, India, South Korea, and Japan, are largely fueling the growth of the aerospace industry owing to the emergence of the aircraft manufacturing industry in the region, which is further expected to propel the demand for aerospace insulation over the forecast period. Another major supporting driver in the region is the opening of assembly plants of Boeing in this region. Moreover, there is growth in investments in new airport development in the Asia Pacific, due to which there are opportunities for aircraft insulation materials adoption. These factors are expected to drive the growth of the aerospace insulation market in the region. Furthermore, according to the Indian Government report, Indian Air Force is in the process of acquiring around 200 aircraft to cope with the depleting aerial inventories. Thus, surging demand of aircrafts from developing nations like China and India for the strengthening of defense sector is boosting the use of aerospace insulators and expected to drive the market growth in the region.

Asia Pacific Aerospace Insulation Market Revenue and Forecast to 2028 (US\$ Million)

Asia Pacific Aerospace Insulation Market Segmentation

The Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 Australia, China, India, Japan, South Korea, and Rest of APAC. China dominated the market share in 2022. Duracote Corporation; Rogers Corporation; DuPont; BASF SE; 3M; Morgan Advanced Materials Plc; Polymer Technologies Inc.; TransDigm Group Incorporated; and Triumph Group, Inc. are the leading companies operating in the aerospace insulation market in the region.

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14. Appendix

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14.2 Glossary of Terms

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