

Global Glass-to-metal Seals for Aerospace & Defense Market Growth 2025-2031

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Abstracts

The global Glass-to-metal Seals for Aerospace & Defense market size is predicted to grow from US\$ 386 million in 2025 to US\$ 511 million in 2031; it is expected to grow at a CAGR of 4.8% from 2025 to 2031.

A Glass-to-Metal seal typically consists of a metal housing, a molded glass-preform and one or several inner conductors. These components are melted in an inert gas atmosphere to form a hermetic seal in a special thermal process at approximately 1000°C. Glass to metal seals are widely used in aerospace & defense applications requiring hermeticity, including electronic warfare systems, missiles, satellites/space vehicles, radar systems, high vacuum, UAVs and ground-based communications, etc.

United States market for Glass-to-metal Seals for Aerospace & Defense is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Glass-to-metal Seals for Aerospace & Defense is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Glass-to-metal Seals for Aerospace & Defense is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Glass-to-metal Seals for Aerospace & Defense players cover Schott, Emerson Fusite, SHINKO ELECTRIC, Elan Technology, Winchester Tekna, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in

2024.

LP Information, Inc. (LPI) ' newest research report, the “Glass-to-metal Seals for Aerospace & Defense Industry Forecast” looks at past sales and reviews total world Glass-to-metal Seals for Aerospace & Defense sales in 2024, providing a comprehensive analysis by region and market sector of projected Glass-to-metal Seals for Aerospace & Defense sales for 2025 through 2031. With Glass-to-metal Seals for Aerospace & Defense sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Glass-to-metal Seals for Aerospace & Defense industry.

This Insight Report provides a comprehensive analysis of the global Glass-to-metal Seals for Aerospace & Defense landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Glass-to-metal Seals for Aerospace & Defense portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Glass-to-metal Seals for Aerospace & Defense market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Glass-to-metal Seals for Aerospace & Defense and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Glass-to-metal Seals for Aerospace & Defense.

This report presents a comprehensive overview, market shares, and growth opportunities of Glass-to-metal Seals for Aerospace & Defense market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Matched Seals

Compression Seals

Segmentation by Application:

Civil

Military

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Schott

Emerson Fusite

SHINKO ELECTRIC

Elan Technology

Winchester Tekna

Electrovac

Hermetic Solutions

VAC-TRON

Amphenol Martec

AMETEK

Koto Electric

SGA Technologies

Rosenberger

Dietze Group

Specialty Seal Group

Complete Hermetics

Key Questions Addressed in this Report

What is the 10-year outlook for the global Glass-to-metal Seals for Aerospace & Defense market?

What factors are driving Glass-to-metal Seals for Aerospace & Defense market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Glass-to-metal Seals for Aerospace & Defense market opportunities vary by end market size?

How does Glass-to-metal Seals for Aerospace & Defense break out by Type, by Application?

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