

# **Global Hermetic Packaging Market Size Study, by Product (Ceramic To Metal Sealing, Glass To Metal Sealing, Transponder Glass, Reed Glass, Passivation Glass), by Application (Aeronautics & Space, Military & Defense, Automotive, Healthcare, Telecom), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G9DFDC543A15EN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G9DFDC543A15EN

## **Abstracts**

The Global Hermetic Packaging Market, valued at approximately USD 3.82 billion in 2023, is anticipated to grow at a healthy CAGR of 6.60% over the forecast period from 2024 to 2032. Hermetic packaging, known for its ability to provide airtight and moisture-resistant seals, is a critical solution for protecting sensitive electronic components, particularly in high-stakes environments like aeronautics, defense, and medical applications. Its robust design ensures the integrity of components against environmental stressors, making it indispensable across industries prioritizing performance and reliability.

The rapid expansion of the aerospace and defense sectors, driven by increasing investments in advanced technologies and critical systems, is propelling demand for hermetic packaging. Similarly, the automotive industry's shift towards electronic-based safety and operational features fuels its adoption. However, high production costs and complexities in manufacturing these precision-based solutions pose challenges to market growth. To overcome these obstacles, industry players are innovating with cost-effective materials and automated manufacturing techniques. Emerging trends in telecom and healthcare further underline the market's potential, as hermetic solutions become increasingly pivotal in securing critical electronic devices.

Regionally, North America holds a dominant position in the hermetic packaging market,

supported by a thriving aerospace and defense ecosystem and significant R&D investments. Europe follows closely, emphasizing sustainability and technological advancements. Meanwhile, the Asia-Pacific region is poised for remarkable growth due to the rapid industrialization of countries like China, Japan, and India. Latin America and the Middle East & Africa, while smaller contributors, are also showing potential growth driven by investments in healthcare and automotive infrastructure.

Major market players included in this report are:

Teledyne Technologies Incorporated

Amkor Technology, Inc.

SCHOTT AG

Ametek Inc.

Egide Group

KYOCERA Corporation

Materion Corporation

AMETEK Specialty Metal Products

Legacy Technologies Inc.

Micross Components

Special Hermetic Products Inc.

Intersil Corporation

Renesas Electronics Corporation

Texas Instruments Incorporated

SGA Technologies Ltd

The detailed segments and sub-segments of the market are explained below:

**By Product:**

Ceramic To Metal Sealing

Glass To Metal Sealing

Transponder Glass

Reed Glass

Passivation Glass

**By Application:**

Aeronautics & Space

Military & Defense

Automotive

Healthcare

Telecom

**By Region:**

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

## Rest of Middle East & Africa

Years considered for the study are as follows:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024 to 2032

### Key Takeaways:

Market estimates and forecasts spanning a decade (2022-2032).

Comprehensive regional and country-specific analysis.

Insights into major market players, competitive strategies, and emerging trends.

Strategic recommendations to capitalize on growth opportunities.

In-depth analysis of demand and supply dynamics within the market.

## Contents

### **CHAPTER 1. GLOBAL HERMETIC PACKAGING MARKET EXECUTIVE SUMMARY**

- 1.1. Global Hermetic Packaging Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Product
  - 1.3.2. By Application
  - 1.3.3. By End Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL HERMETIC PACKAGING MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL HERMETIC PACKAGING MARKET DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Increasing Demand in Aeronautics & Space Industries
- 3.1.2. Expansion of Military & Defense Applications
- 3.1.3. Growth in Automotive Electronics

### 3.2. Market Challenges

- 3.2.1. High Production Costs
- 3.2.2. Manufacturing Complexities

### 3.3. Market Opportunities

- 3.3.1. Innovations in Ceramic To Metal Sealing
- 3.3.2. Advancements in Glass To Metal Sealing Technologies
- 3.3.3. Expansion into Emerging Applications in Telecom and Healthcare

## **CHAPTER 4. GLOBAL HERMETIC PACKAGING MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top Investment Opportunities

### 4.4. Top Winning Strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL HERMETIC PACKAGING MARKET SIZE & FORECASTS BY PRODUCT 2022-2032**

### 5.1. Segment Dashboard

## 5.2. Global Hermetic Packaging Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 5.2.1. Ceramic To Metal Sealing
- 5.2.2. Glass To Metal Sealing
- 5.2.3. Transponder Glass
- 5.2.4. Reed Glass
- 5.2.5. Passivation Glass

## **CHAPTER 6. GLOBAL HERMETIC PACKAGING MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

### 6.1. Segment Dashboard

### 6.2. Global Hermetic Packaging Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 6.2.1. Aeronautics & Space
- 6.2.2. Military & Defense
- 6.2.3. Automotive
- 6.2.4. Healthcare
- 6.2.5. Telecom

## **CHAPTER 7. GLOBAL HERMETIC PACKAGING MARKET SIZE & FORECASTS BY END USE 2022-2032**

### 7.1. Segment Dashboard

### 7.2. Global Hermetic Packaging Market: End Use Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 7.2.1. Building & Construction
- 7.2.2. Electrical & Electronics
- 7.2.3. Automotive

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

### 8.1. Key Company SWOT Analysis

- 8.1.1. Teledyne Technologies Incorporated
- 8.1.2. Amkor Technology, Inc.
- 8.1.3. SCHOTT AG

### 8.2. Top Market Strategies

### 8.3. Company Profiles

- 8.3.1. Teledyne Technologies Incorporated



- 8.3.1.1. Key Information
- 8.3.1.2. Overview
- 8.3.1.3. Financial (Subject to Data Availability)
- 8.3.1.4. Product Summary
- 8.3.1.5. Market Strategies
- 8.3.2. Amkor Technology, Inc.
- 8.3.3. SCHOTT AG
- 8.3.4. Ametek Inc.
- 8.3.5. Egide Group
- 8.3.6. KYOCERA Corporation
- 8.3.7. Materion Corporation
- 8.3.8. AMETEK Specialty Metal Products
- 8.3.9. Legacy Technologies Inc.
- 8.3.10. Micros Components

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes

## **12. LIST OF TABLES**

- TABLE 1. Global Hermetic Packaging Market, Report Scope
- TABLE 2. Global Hermetic Packaging Market Estimates & Forecasts by Region 2022-2032 (USD Million/Billion)
- TABLE 3. Global Hermetic Packaging Market Estimates & Forecasts by Product 2022-2032 (USD Million/Billion)
- TABLE 4. Global Hermetic Packaging Market Estimates & Forecasts by Application 2022-2032 (USD Million/Billion)
- TABLE 5. Global Hermetic Packaging Market Estimates & Forecasts by End Use 2022-2032 (USD Million/Billion)
- TABLE 6. Global Hermetic Packaging Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 7. Global Hermetic Packaging Market by Region, Estimates & Forecasts,

2022-2032 (USD Million/Billion)

TABLE 8. Global Hermetic Packaging Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 9. Global Hermetic Packaging Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 10. Global Hermetic Packaging Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 11. Global Hermetic Packaging Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 12. Global Hermetic Packaging Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 13. Global Hermetic Packaging Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 14. Global Hermetic Packaging Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 15. U.S. Hermetic Packaging Market Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 16. U.S. Hermetic Packaging Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

TABLE 17. U.S. Hermetic Packaging Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

TABLE 18. Canada Hermetic Packaging Market Estimates & Forecasts, 2022-2032 (USD Million/Billion)

TABLE 19. Canada Hermetic Packaging Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

TABLE 20. Canada Hermetic Packaging Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

## 12. LIST OF FIGURES

FIG 1. Global Hermetic Packaging Market, Research Methodology

FIG 2. Global Hermetic Packaging Market, Market Estimation Techniques

FIG 3. Global Market Size Estimates & Forecast Methods

FIG 4. Global Hermetic Packaging Market, Key Trends 2023

FIG 5. Global Hermetic Packaging Market, Growth Prospects 2022-2032

FIG 6. Global Hermetic Packaging Market, Porter's 5 Force Model

FIG 7. Global Hermetic Packaging Market, PESTEL Analysis

FIG 8. Global Hermetic Packaging Market, Value Chain Analysis

FIG 9. Global Hermetic Packaging Market by Segment, 2022 & 2032 (USD Million/Billion)

FIG 10. Global Hermetic Packaging Market by Segment, 2022 & 2032 (USD Million/Billion)

FIG 11. Global Hermetic Packaging Market by Segment, 2022 & 2032 (USD Million/Billion)

FIG 12. Global Hermetic Packaging Market by Segment, 2022 & 2032 (USD Million/Billion)

FIG 13. Global Hermetic Packaging Market by Segment, 2022 & 2032 (USD Million/Billion)

FIG 14. Global Hermetic Packaging Market, Regional Snapshot 2022 & 2032

FIG 15. North America Hermetic Packaging Market 2022 & 2032 (USD Million/Billion)

FIG 16. Europe Hermetic Packaging Market 2022 & 2032 (USD Million/Billion)

FIG 17. Asia-Pacific Hermetic Packaging Market 2022 & 2032 (USD Million/Billion)

FIG 18. Latin America Hermetic Packaging Market 2022 & 2032 (USD Million/Billion)

FIG 19. Middle East & Africa Hermetic Packaging Market 2022 & 2032 (USD Million/Billion)

FIG 20. Global Hermetic Packaging Market, Company Market Share Analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

## I would like to order

Product name: Global Hermetic Packaging Market Size Study, by Product (Ceramic To Metal Sealing, Glass To Metal Sealing, Transponder Glass, Reed Glass, Passivation Glass), by Application (Aeronautics & Space, Military & Defense, Automotive, Healthcare, Telecom), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G9DFDC543A15EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9DFDC543A15EN.html>