

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Sealing Glass Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G1493E22EE1EN.html>

Date: August 2018

Pages: 137

Price: US\$ 4,880.00 (Single User License)

ID: G1493E22EE1EN

Abstracts

Sealing glasses mostly belong to the borosilicate and aluminosilicate glass families. To manufacture reliable hermetic seals, the correct choice of coefficient of thermal expansion (CTE) is a key factor. The applied glass composition depends on the materials which should be joined, the required temperature profile as well as their CTE. For matched seals, the CTE of the glass is matched as closely as possible to those of the sealing partners. In case of compression seals, a well-defined mismatch of the CTE is used intentionally to compress the sealing materials onto each other.

SCOPE OF THE REPORT:

This report focuses on the Sealing Glass in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Glass-to-metal seals have now been in use for over a hundred years, starting with the early Houskeeper or vacuum tube seals, and advancing to elaborate SOFC fuel cells, and beyond. Glass-Ceramic-to-metal seals are a more recent such development that offer unique properties to potentially diversify applications.

The key players are Schott AG, Elan Technology, AGC, Nippon Electric Glass, Johnson Matthey, Corning, Fusite (Emerson), 3M, Mo-Sci Corporation, Shenzhen SAM and so on.

The leading companies own the advantages on better performance, more abundant product's types, better technical and impeccable after-sales service. Consequently, they take the majority of the market share of high-end market. Looking to the future years, the slow downward price trend in recent years will maintain. As competition intensifies, prices gap between different brands will go narrowing. Similarly, there will be

fluctuation in gross margin.

The industry is expected to remain innovation-led, with frequent acquisitions and strategic alliances adopted as the key strategies by the players to increase their industry presence. Market stays in mature period with a clear concentration. Meanwhile, optimize product mix and further develop value-added capabilities to maximize margins. Manufacturers can take advantage of this situation by reinforcing their production units and supply-chains to avoid any delay in production turn-around-times (TAT) and supply-lead-times.

Significant and lasting barriers make entry into this market difficult. These barriers include, but are not limited to: (i) product development costs; (ii) capital requirements; (iii) intellectual property rights; (iv) regulatory requirement; and (v) Transitions' unfair methods of competition.

Despite the presence of competition problems, due to the global recovery trend is clear, investors are still optimistic about this area, the future will still have more new investment enter the field. Even so, the market is intensely competitive. The study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.

The worldwide market for Sealing Glass is expected to grow at a CAGR of roughly 4.5% over the next five years, will reach 360 million US\$ in 2023, from 280 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Schott AG

Elan Technology

AGC

Nippon Electric Glass

Johnson Matthey

Corning

Fusite (Emerson)

3M

Mo-Sci Corporation

Shenzhen SAM

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

High Temperature Sealing Glass

Low Temperature Sealing Glass

Market Segment by Applications, can be divided into

Battery

Electronics and Semiconductors

Home Appliances

Others

There are 15 Chapters to deeply display the global Sealing Glass market.

Chapter 1, to describe Sealing Glass Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Sealing Glass, with sales, revenue, and price of Sealing Glass, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Sealing Glass, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Sealing Glass market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Sealing Glass sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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