

# Global Sealing Glass Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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# **Abstracts**

#### Summary

To manufacture hermetic and highly insulating electrical seals between different materials such as metal or ceramics, the use of sealing glasses is wide spread in the electronics industry. Sealing glasses typically have a processing temperature of 800–1000°C. 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. Solder glasses, also referred to as frit glasses, are special glasses with a particularly low softening point (below 550°C). They are used to join glass to other glasses, ceramics, or metals without thermally damaging the materials to be joined. To ensure stress-free sealing, the coefficient of thermal expansion (CTE) needs to be closely matched to the sealing partners.

According to APO Research, The global Sealing Glass market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Sealing Glass is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.



Asia-Pacific market for Sealing Glass is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Sealing Glass is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Sealing Glass is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Sealing Glass include Schott AG, Elan Technology, AGC, Nippon Electric Glass, Johnson Matthey, Corning, Fusite (Emerson), 3M and Mo-Sci, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the Sealing Glass production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Sealing Glass by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Sealing Glass, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

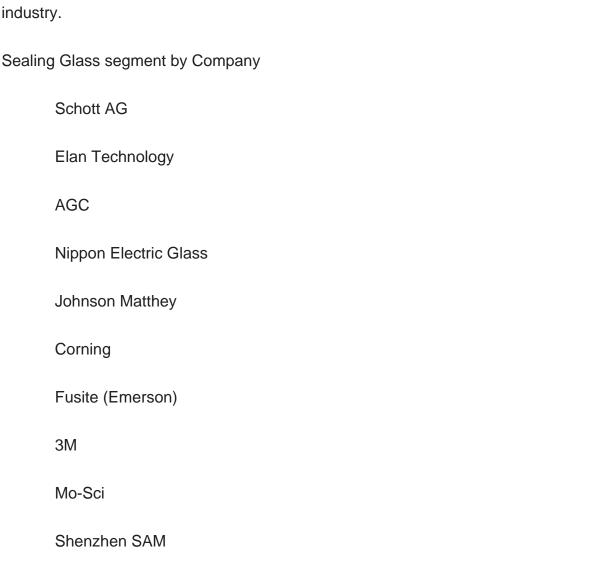
This report researches the key producers of Sealing Glass, also provides the consumption of main regions and countries. Of the upcoming market potential for Sealing Glass, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Sealing Glass sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Sealing Glass market, and analysis of their competitive



landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Sealing Glass sales, projected growth trends, production technology, application and end-user industry.



Sealing Glass segment by Type

High Temperature Sealing Glass

Low Temperature Sealing Glass



# Sealing Glass segment by Application Battery **Electronics and Semiconductors** Home Appliances Others Sealing Glass segment by Region North America U.S. Canada Europe Germany France U.K. Italy Russia Asia-Pacific China Japan South Korea



Recent Developments.

India

Australia		
China Taiwan		
Indonesia		
Thailand		
Malaysia		
Latin America		
Mexico		
Brazil		
Argentina		
Middle East & Africa		
Turkey		
Saudi Arabia		
UAE		
Study Objectives		
1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.		
2. To present the key manufacturers, capacity, production, revenue, market share, and		

3. To split the breakdown data by regions, type, manufacturers, and Application.



- 4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
- 5. To identify significant trends, drivers, influence factors in global and regions.
- 6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

#### Reasons to Buy This Report

- 1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Sealing Glass market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
- 2. This report will help stakeholders to understand the global industry status and trends of Sealing Glass and provides them with information on key market drivers, restraints, challenges, and opportunities.
- 3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
- 4. This report stays updated with novel technology integration, features, and the latest developments in the market.
- 5. This report helps stakeholders to gain insights into which regions to target globally.
- 6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Sealing Glass.
- 7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

#### Chapter Outline



Chapter 1: Provides an overview of the Sealing Glass market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Sealing Glass industry.

Chapter 3: Detailed analysis of Sealing Glass market competition landscape. Including Sealing Glass manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Sealing Glass by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Sealing Glass in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.



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