

Global Antibacterial Glass Market Size Study & Forecast, by Active Ingredient (Silver, Others) by Application (Hospitals, Food and Beverage, Military Equipment, Household, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Antibacterial Glass Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Antibacterial glass is a specialized glass variant designed to effectively combat the growth and transmission of harmful bacteria. It is manufactured through the application of a thin layer of antimicrobial agents, such as silver ions, onto the glass surface. This coating actively eliminates or inhibits the proliferation of bacteria upon contact. A major benefit of antibacterial glass is its capacity to mitigate the spread of infections and diseases, thus contributing to improved hygiene and public health. The global antibacterial glass market is expected to experience growth due to the rising demand for antibacterial coating in various end-user industries like hospitals and the food and beverage sector. This demand is driven by the need to maintain a hygienic environment and reduce the risk of infections. Moreover, the prevalence of nosocomial infections, which include urinary tract infections, bloodstream infections, and pneumonia, further contributes to the positive outlook for the antibacterial glass market.

The anticipated rise in demand for antimicrobial glass in consumer electronics like phablets, tablets, and phones presents a promising opportunity that is likely to drive the growth of the antibacterial glass market in the foreseeable future. As per Statista, globally the revenue in the consumer electronics sector is projected to reach USD1,027.34 billion by 2023, which is a rise of USD 987.16 billion in 2022. This growth trend further reinforces the positive outlook for the antibacterial glass market in the coming years. Additionally, the market for antibacterial glass is being propelled by the

expanding implementation of eco-friendly construction methods, which is generating favorable prospects for market growth. Also, the automotive industry's increasing utilization of antibacterial glass is further contributing to the market's positive trajectory. However, the antibacterial glass market faces certain restraints that can impact its growth. These include high costs compared to traditional glass and limited awareness among consumers.

The key regions considered for the Global Antibacterial Glass Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Europe dominated the market in 2022 owing to the growing emphasis on hygiene practices among the population. Also, the increasing awareness and growing importance on maintaining cleanliness and preventing the spread of germs and infections in the region as well as technologically advanced medical facilities and stringent hygiene standards, is likely to contribute to the overall growth of the antibacterial glass market in the region. North America is expected to witness the highest rate during the forecast period, owing to factors such as the rising focus on healthcare and hygiene-related investments, coupled with the increasing use of antibacterial glass on consumer electronics in the region.

Major market players included in this report are:

AGC Inc.

Kastus Technologies Company Limited

Morley Glass & Glazing Ltd.

Smartglass International Limited

Joh. Sprinz GmbH & Co. KG

Ishizuka Glass Co., Ltd.

Saint-Gobain S.A.

Nippon Sheet Glass

B?FA Glas GmbH & Co. KG

Sumita Optical Glass, Inc.

Recent Developments in the Market:

In May 2020, AGC recently introduced a new line of sanitary protection glass screens designed for use in shops and open spaces. These innovative screens have been developed to minimize the transmission and spread of viruses and bacteria. By implementing these screens, AGC aims to provide an effective solution that reduces the risk of viral and bacterial propagation in various public settings.

Global Antibacterial Glass Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Active Ingredient, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Active Ingredients:

Silver

Others

By Application:

Hospitals

Food and Beverage

Military Equipment

Household

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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