

Antibacterial Glass Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global antibacterial glass market size reached US\$ 252.1 Million in 2022. Looking forward, IMARC Group expects the market to reach a value of US\$ 387.8 Million by 2028, exhibiting a growth rate (CAGR) of 7.53% during 2023-2028.

Antibacterial glass refers to a thin and flat reflective surface that is fortified with bactericidal and fungicidal properties. It destroys microorganisms, such as bacteria, fungi and viruses, that come in contact with the surface and prevents them from multiplying. It is manufactured by diffusing silver ions into the upper layers of the glass, which interact with microbes and disturb their metabolic and division mechanisms. In comparison to the traditionally used glass, this type of glass is more hygienic, easier to maintain and has high sterilization and self-cleaning properties under ultraviolet (UV) light.

Antibacterial Glass Market Trends:

The rising instances of nosocomial or Hospital Acquired Infections (HAIs) across the globe is one of the key factors driving the growth of the market. Consequently, these glasses are extensively utilized in the healthcare sector, especially in the burn, maternity, and geriatric oncology units. Furthermore, antibacterial glass provides protection against antibiotic-resistant pathogens and aids in preventing various fatal ailments, including pneumonia and infections in the bloodstream and urinary tract. This, coupled with the growing awareness regarding the importance of maintaining hygiene and sanitation in healthcare centers and clinics, is significantly driving the market growth. Additionally, the growing demand for antibacterial glass to sanitize machines and equipment used in the food and beverage (F&B) industry is acting as another growth-inducing factor. Manufacturers in the F&B industry are emphasizing on using

antibacterial glass on food contact surfaces to minimize spoilage from microbial contamination and extending the shelf-life of the food products. Other factors, including the increasing adoption of antibacterial glass in the production of consumer electronics, such as smartphones, tablets and laptops, coupled with the extensive research and development (R&D) activities, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global antibacterial glass market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on active ingredient type, glass type and application.

Breakup by Active Ingredient Type:

- Silver
- Copper
- Others

Breakup by Glass Type:

- Soluble
- Porous
- Coated
- Others

Breakup by Application:

- Hospital Wards
- Food and Beverage Products
- Military Equipments
- Household Products
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being AGC Glass Europe, Beijing JiYan-Tech Co. Ltd, B?FA Glas GmbH & Co. KG, Corning Inc., Essex Safety Glass Ltd., Innovative Glass, Ishizuka Glass Company Limited, Joh. Sprinz GmbH and Co. KG, Morley Glass & Glazing Ltd., Sumita Optical Glass Ltd., Saint Gobain SA, etc.

Key Questions Answered in This Report:

How has the global antibacterial glass market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global antibacterial glass market?

What is the breakup of the market based on the active ingredient type?

What is the breakup of the market based on the glass type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global antibacterial glass market and who are the key players?

What is the degree of competition in the industry?

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