

Global Scratch-Resistant Glass Market Size Study & Forecast, by Application, Type, End Use, Material and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/G97AC0ABD566EN.html>

Date: July 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G97AC0ABD566EN

Abstracts

The global scratch-resistant glass market, valued at USD 8.8 billion in 2024, is projected to grow at a healthy CAGR of 5.10% during the forecast period from 2025 to 2035, ultimately reaching USD 15.21 billion by 2035. As industries shift toward premium durability and aesthetic excellence, the demand for scratch-resistant surfaces has risen sharply across a broad spectrum of applications—ranging from consumer electronics and automotive windshields to aerospace panels and architectural facades. Scratch-resistant glass, often enhanced through tempering, chemical strengthening, or laminated coatings, offers unparalleled resistance to abrasions, ensuring a longer lifecycle for the products in which it's embedded. Rapid urbanization, rising disposable incomes, and the proliferation of high-performance devices and structures continue to drive the global adoption of these materials.

What's catalyzing this market's acceleration is the surge in consumer expectations for devices and materials that not only function efficiently but also maintain aesthetic appeal over time. In the consumer electronics domain, for instance, smartphones, tablets, and smartwatches are being engineered with advanced scratch-resistant displays made from chemically-treated alkali-aluminosilicate glass to withstand everyday wear. Likewise, in the automotive sector, the increased demand for robust, shatter-proof, and scratch-resistant glass in infotainment systems and panoramic sunroofs is adding fresh layers of opportunity. Simultaneously, architectural advancements are leaning toward high-strength, anti-scratch window panels for commercial and residential high-rises—where longevity and safety are paramount. Additionally, innovations in nanocoatings and hybrid composite materials are enabling manufacturers to design products that merge toughness with transparency, aesthetics, and thermal resistance.

From a geographical standpoint, North America currently holds a dominant share of the scratch-resistant glass market, bolstered by its thriving consumer electronics industry and mature automotive manufacturing base. The U.S. in particular continues to serve as a hotbed for product innovation, fueled by leading tech firms and a design-conscious population. Europe follows closely, especially in countries like Germany, the UK, and France, where the integration of scratch-resistant materials in both automotive and architectural applications is witnessing consistent growth. Meanwhile, Asia Pacific is set to be the fastest-growing region through 2035, driven by high population density, booming construction activities, and soaring electronics demand in nations like China, India, Japan, and South Korea. The region's manufacturing advantages, coupled with increasing investments in R&D and local production capabilities, make it a critical frontier for market expansion.

Major market players included in this report are:

Corning Incorporated

AGC Inc.

Nippon Sheet Glass Co., Ltd.

SCHOTT AG

Guardian Industries

Saint-Gobain S.A.

Asahi Glass Company

Dongxu Optoelectronic Technology

NEG Co., Ltd.

Xinyi Glass Holdings Limited

Vitro S.A.B. de C.V.

Taiwan Glass Ind. Corp.

Sisecam Group

Cardinal Glass Industries

Central Glass Co., Ltd.

Global Scratch-Resistant Glass Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

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

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

Customization Scope – Free report customization (equivalent up to 8 analysts' 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 for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

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

By Application:

Global Scratch-Resistant Glass Market Size Study & Forecast, by Application, Type, End Use, Material and Regio...

Automotive

Electronics

Aerospace

Architecture

Medical

By Type:

Scratch Resistant Glass

Scratch Resistant Coating

Laminated Glass

Tempered Glass

By End Use:

Consumer Electronics

Building Construction

Automotive Industry

Industrial Equipment

By Material:

Plastic

Glass

Ceramics

Polycarbonate

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

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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