

# Automotive Glazing Market worth \$3.69 billion by 2030, growing at a CAGR of 8.77% - Exclusive Report by 360iResearch

*The Global Automotive Glazing Market to grow from USD 1.88 billion in 2022 to USD 3.69 billion by 2030, at a CAGR of 8.77%.*

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EINPresswire.com/ -- The "[Automotive Glazing Market](#) by Glazing Type (Laminated, Polycarbonate, Tempered), Distribution (Aftermarket, OEMs), Application, Vehicle - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.

The Global Automotive Glazing Market to grow from USD 1.88 billion in 2022 to USD 3.69 billion by 2030, at a CAGR of 8.77%.



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Automotive glazing refers to the specialized glass and transparent materials used in manufacturing windows, windshields, sunroofs, and other glazed surfaces for vehicles. Automotive glazing is typically made from laminated or tempered glass to provide extra strength and resistance against impact. In the automotive sector, glazing plays a vital role in providing safety, comfort, and visibility for drivers and passengers. It contributes to structural integrity by facilitating weight reduction and allowing for creative design freedom. As global demand for automobiles rises due to population growth and increasing disposable incomes in emerging economies, it stimulates demand for auto glazing products. Furthermore, increasing vehicle production worldwide fuels the need for advanced and high-quality glazing solutions such as sunroof and rear quarter glass, while stringent safety regulations emphasize enhanced visibility and passenger protection fuel the market growth. However, the availability of substitutes for

automotive glazing impacts the market penetration and growth rates of traditional automotive glazing products. Fluctuations in raw material prices can impact profitability margins within the industry, adversely affecting supply chain stability. Growing preferences for lightweight materials and emerging technologies, including electric mobility and autonomous driving, are expected to increase the potential for market growth. Innovations such as smart glass technologies that offer improved energy efficiency or enhanced functionality are creating new opportunities within the market.

**Vehicle:** Increase use of glazing in passenger vehicles for comfort features for an pleasant driving experience

Commercial vehicle glazing targets business-oriented vehicles such as light commercial vehicles (LCVs), heavy trucks, buses, coaches, and specialized industrial vehicles. Glazing for commercial vehicles focuses on durability and functionality to ensure safety standards are met while withstanding rigorous usage. Recent trends in commercial vehicle glazing include lightweight materials for better fuel efficiency without compromising performance. Passenger vehicle glazing encompasses various types of cars, such as sedans, hatchbacks, SUVs, and luxury automobiles. The main focus is comfort, aesthetics, and safety features such as UV protection or soundproofing properties while adhering to local emission standards. Durability and fuel efficiency are more crucial for commercial vehicles due to their heavy usage patterns, while passenger vehicles prioritize comfort features and aesthetic design elements.

**Glazing Type:** Rising inclination towards polycarbonate glazing for manufacturing lightweight vehicle

Laminated glazing is a safety glass composed of two or more layers of glass with a plastic interlayer that offers enhanced impact protection and reduces shattering. It is widely utilized in windshields and side windows due to its excellent sound reduction, UV protection, and intrusion resistance properties. Polycarbonate glazing has gained popularity in the automotive industry for its lightweight nature and high impact resistance compared to traditional glass materials. With up to 50% weight reduction than conventional glass types, polycarbonate glazing contributes significantly to energy conservation by reducing overall vehicle weight while enabling more innovative designs due to its moldability. Tempered glazing is produced by heating annealed glass at high temperatures followed by rapid cooling, resulting in greater strength than untreated annealed glass while maintaining optical clarity. This type of glazing is commonly used in rear and side windows for its increased strength and shatter-resistant properties.

**Application:** Rising adoption of automotive glazing for windscreens with enhanced UV resistance and heat resistance capabilities

Backlites are essential for rearward visibility in vehicles. Modern cars extensively use tempered glass for backlites due to its enhanced durability and shatter resistance compared to traditional laminated glass. Front lighting is crucial for safe driving during nighttime or low-visibility conditions. Advancements in LED technologies have led to more efficient headlight systems with adaptive features that enhance driver safety without compromising aesthetics. Rear lighting ensures clear communication between drivers regarding braking or turning intentions. Sidelites

or side windows are essential for lateral visibility and cabin illumination during daylight hours. Tempered glass is preferred for sidelines due to its strength, reduced weight, and enhanced safety during breakage. Sunroofs increase natural light exposure inside vehicles while offering superior ventilation options. Windscreens are pivotal for driver vision as they protect against wind and debris on the road.

**Distribution:** Widening availability of automotive glazing solution through various distribution channels

In the aftermarket space, automotive glazing solutions are provided by third-party manufacturers or suppliers that offer replacement or upgrade options for vehicle owners. These products cater to those seeking cost-effective solutions, as well as those desiring customization opportunities for their vehicles. Original equipment manufacturers (OEMs) of automotive glazing directly participate in vehicle production and supply glazing components for new cars. They emphasize quality, safety standards, and durability.

**Regional Insights:**

The automotive glazing market in the Americas is driven by growing consumer preference for lightweight vehicles that offer improved fuel efficiency. The increasing adoption of panoramic sunroofs among luxury vehicles contributes to the growth of automotive glazing in this region. European countries have seen a surge in demand for automotive glazing due to concerns over CO2 emissions and energy efficiency. Countries such as Germany and France have well-established automotive sectors with a high rate of technological adoption, driving demand for automotive glazing upwards in these economies. In the Middle East and Africa, rapid urbanization has led to rising vehicle sales, necessitating advanced glazing solutions that ensure passenger safety while reducing energy consumption. The Asia Pacific region exhibits a rapidly growing automotive glazing market driven by increasing vehicle production, urbanization, and rising disposable incomes in the emerging economies such as China and India. Furthermore, the growth of electric vehicles (EVs) in the APAC region has increased demand for advanced glazing solutions that offer enhanced safety and thermal management capabilities.

**FPNV Positioning Matrix:**

The FPNV Positioning Matrix is essential for assessing the Automotive Glazing Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

**Market Share Analysis:**

The Market Share Analysis offers an insightful look at the current state of vendors in the Automotive Glazing Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their

performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

#### Key Company Profiles:

The report delves into recent significant developments in the Automotive Glazing Market, highlighting leading vendors and their innovative profiles. These include AGC Inc., AGP Group, Apex Auto Glass Company Limited, Benson Auto Glass, LLC, Carlex Glass America, LLC, Central Glass Co., Ltd., Compagnie de Saint-Gobain, Corning Incorporated, Covestro AG, FUSO Glass India Private Limited, Fuyao Glass Industry Group Co., Ltd., Gentex Corporation, Glavista Autoglas GmbH, Koch Industries, Inc., Kochhar Glass (India) Pvt. Ltd., Magna International Inc., Marvel Glass Pvt. Ltd., Nippon Paint Automotive Coatings Co. Ltd., Olimpia Auto Glass Inc., PG Group, PGW Auto Glass, LLC, Precision Glasses Ltd., Schott AG, Tyneside Safety Glass, Vitro, S.A.B de C.V, Webasto SE, Xinyi Glass Holdings Limited, and Şişecam.

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#### Market Segmentation & Coverage:

This research report categorizes the Automotive Glazing Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Glazing Type, market is studied across Laminated, Polycarbonate, and Tempered. The Polycarbonate is projected to witness significant market share during forecast period.

Based on Distribution, market is studied across Aftermarket and OEMs. The Aftermarket is projected to witness significant market share during forecast period.

Based on Application, market is studied across Backlite, Front Lighting, Rear Lighting, Sidelite, Sunroof, and Windscreen. The Front Lighting is projected to witness significant market share during forecast period.

Based on Vehicle, market is studied across Commercial Vehicle and Passenger Vehicle. The Commercial Vehicle is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France,

Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Asia-Pacific commanded largest market share of 38.44% in 2022, followed by Europe, Middle East & Africa.

#### Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Automotive Glazing Market, by Glazing Type
7. Automotive Glazing Market, by Distribution
8. Automotive Glazing Market, by Application
9. Automotive Glazing Market, by Vehicle
10. Americas Automotive Glazing Market
11. Asia-Pacific Automotive Glazing Market
12. Europe, Middle East & Africa Automotive Glazing Market
13. Competitive Landscape
14. Competitive Portfolio
15. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Automotive Glazing Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Automotive Glazing Market?
3. What is the competitive strategic window for opportunities in the Automotive Glazing Market?
4. What are the technology trends and regulatory frameworks in the Automotive Glazing

Market?

5. What is the market share of the leading vendors in the Automotive Glazing Market?

6. What modes and strategic moves are considered suitable for entering the Automotive Glazing Market?

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Mr. Ketan Rohom

360iResearch

+1 530-264-8485

ketan@360iresearch.com

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