

Global Anti Glare Glass Market Size study, by Application (Automotive, Aviation, Consumer Electronics, Architectural, Medical), by End Use (Residential, Commercial, Industrial), by Product Type (Tempered Glass, Laminated Glass, Coated Glass), by Technology (Chemical Coating, Physical Vapor Deposition, Electrochromic Technology), and Regional Forecasts 2022-2032

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Abstracts

The Global Anti Glare Glass Market is valued at approximately USD 4.14 billion in 2023 and is expected to accelerate with a compound annual growth rate (CAGR) of 5.81% over the forecast period 2024 to 2032. Anti-glare glass, engineered to minimize light reflection and reduce visual discomfort, has emerged as a pivotal solution across various sectors where visual performance, safety, and clarity are paramount. Its growing ubiquity in automotive displays, consumer electronics, and architectural installations stems from its ability to suppress reflections while maintaining crystal-clear visibility. As consumer expectations around aesthetics and usability rise in tandem with evolving design philosophies, anti-glare glass is transitioning from a luxury material to a standard design specification, particularly in tech-forward environments.

The market has witnessed transformative growth as technological innovation converges with user-centric design. In consumer electronics, anti-glare glass panels are increasingly preferred in smartphones, tablets, and monitors to support uninterrupted screen readability under bright ambient light. Likewise, in the automotive industry, it is being widely adopted in infotainment systems, instrument clusters, and sunroofs to enhance driver safety and reduce fatigue. Advanced processing techniques such as

chemical coating, electrochromic technology, and physical vapor deposition are enabling customized anti-glare properties that cater to specific operational environments—be it high-end residential facades or aviation cockpit displays. These innovations are not only enhancing optical performance but also improving scratch resistance, thermal stability, and energy efficiency.

Despite the forward momentum, the market faces several restraints. High initial production costs associated with advanced coating technologies, coupled with limited awareness in emerging economies, remain key bottlenecks. Furthermore, compatibility issues with certain substrates and challenges in mass production scale-up pose additional complexity for manufacturers. Nevertheless, increasing R&D investments and collaboration between glassmakers and end-use industries are actively bridging these gaps. The rising focus on energy-efficient building materials and sustainable transportation systems is opening up new avenues for anti-glare glass integration across eco-conscious construction and e-mobility projects.

Geographically, North America leads the market, largely due to strong adoption of anti-reflective solutions in electronics and automotive applications, backed by robust R&D infrastructure. Europe is another prominent market, bolstered by stringent building regulations and a high penetration of smart glass applications in modern architectural design. The Asia Pacific region, particularly China, Japan, South Korea, and India, is anticipated to exhibit the fastest growth rate, propelled by booming consumer electronics demand, urban infrastructure development, and increasing production capacity across industries. Meanwhile, Latin America and the Middle East & Africa are gradually gaining traction, driven by growing awareness and infrastructural investment.

Major market players included in this report are:

Saint-Gobain S.A.

AGC Inc.

NSG Group (Nippon Sheet Glass Co., Ltd.)

Guardian Industries

PPG Industries, Inc.

Xinyi Glass Holdings Limited

Fuyao Glass Industry Group Co., Ltd.

SCHOTT AG

Abrisa Technologies

Pilkington Group Limited

Tru Vue, Inc.

Glas Tr?sch Holding AG

Taiwan Glass Ind. Corp.

IQ Glass Solutions Ltd.

Cardinal Glass Industries

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

By Application

Automotive

Aviation

Consumer Electronics

Architectural

Medical

By End Use

Residential

Commercial

Industrial

By Product Type

Tempered Glass

Laminated Glass

Coated Glass

By Technology

Chemical Coating

Physical Vapor Deposition

Electrochromic Technology

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

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

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.

Contents

CHAPTER 1. GLOBAL ANTI GLARE GLASS MARKET EXECUTIVE SUMMARY

- 1.1. Global Anti Glare Glass Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Application
 - 1.3.2. By End Use
 - 1.3.3. By Product Type
 - 1.3.4. By Technology
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL ANTI GLARE GLASS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Manufacturer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL ANTI GLARE GLASS MARKET DYNAMICS

Global Anti Glare Glass Market Size study, by Application (Automotive, Aviation, Consumer Electronics, Archite...

3.1.?Market Drivers

- 3.1.1.?Surging Demand for Uninterrupted Screen Visibility in Electronics
- 3.1.2.?Regulatory Push for Energy Efficient Building Materials
- 3.1.3.?Growing Adoption in Automotive Infotainment and Safety Systems

3.2.?Market Challenges

- 3.2.1.?High Initial Production Costs of Advanced Coating Technologies
- 3.2.2.?Limited Awareness and Code Compliance in Emerging Economies

3.3.?Market Opportunities

- 3.3.1.?Integration with Smart and Sustainable Architectural Facades
- 3.3.2.?Expansion in E Mobility and Green Transportation Projects
- 3.3.3.?Rising Demand in Aviation Cockpit Displays and Medical Equipment

CHAPTER 4.?GLOBAL ANTI GLARE GLASS MARKET INDUSTRY ANALYSIS

4.1.?Porter's Five Forces Model

- 4.1.1.?Bargaining Power of Suppliers
- 4.1.2.?Bargaining Power of Buyers
- 4.1.3.?Threat of New Entrants
- 4.1.4.?Threat of Substitutes
- 4.1.5.?Competitive Rivalry
- 4.1.6.?Futuristic Approach to Porter's Model
- 4.1.7.?Porter's Five Forces Impact Analysis

4.2.?PESTEL Analysis

- 4.2.1.?Political
- 4.2.2.?Economic
- 4.2.3.?Social
- 4.2.4.?Technological
- 4.2.5.?Environmental
- 4.2.6.?Legal

4.3.?Top Investment Opportunity

4.4.?Top Winning Strategies

4.5.?Disruptive Trends

4.6.?Industry Expert Perspective

4.7.?Analyst Recommendation & Conclusion

CHAPTER 5.?GLOBAL ANTI GLARE GLASS MARKET SIZE & FORECASTS BY APPLICATION 2022 2032

5.1. Segment Dashboard

5.2. Global Anti Glare Glass Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

5.2.1. Automotive

5.2.2. Aviation

5.2.3. Consumer Electronics

5.2.4. Architectural

5.2.5. Medical

CHAPTER 6. GLOBAL ANTI GLARE GLASS MARKET SIZE & FORECASTS BY END USE 2022 2032

6.1. Segment Dashboard

6.2. Global Anti Glare Glass Market: End Use Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1. Residential

6.2.2. Commercial

6.2.3. Industrial

CHAPTER 7. GLOBAL ANTI GLARE GLASS MARKET SIZE & FORECASTS BY PRODUCT TYPE 2022 2032

7.1. Segment Dashboard

7.2. Global Anti Glare Glass Market: Product Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

7.2.1. Tempered Glass

7.2.2. Laminated Glass

7.2.3. Coated Glass

CHAPTER 8. GLOBAL ANTI GLARE GLASS MARKET SIZE & FORECASTS BY TECHNOLOGY 2022 2032

8.1. Segment Dashboard

8.2. Global Anti Glare Glass Market: Technology Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

8.2.1. Chemical Coating

8.2.2. Physical Vapor Deposition

8.2.3. Electrochromic Technology

CHAPTER 9. GLOBAL ANTI GLARE GLASS MARKET SIZE & FORECASTS BY REGION 2022 2032

- 9.1. North America Anti Glare Glass Market
 - 9.1.1. U.S. Anti Glare Glass Market
 - 9.1.1.1. Application breakdown size & forecasts, 2022 2032
 - 9.1.1.2. End Use breakdown size & forecasts, 2022 2032
 - 9.1.2. Canada Anti Glare Glass Market
- 9.2. Europe Anti Glare Glass Market
 - 9.2.1. UK Anti Glare Glass Market
 - 9.2.2. Germany Anti Glare Glass Market
 - 9.2.3. France Anti Glare Glass Market
 - 9.2.4. Spain Anti Glare Glass Market
 - 9.2.5. Italy Anti Glare Glass Market
 - 9.2.6. Rest of Europe Anti Glare Glass Market
- 9.3. Asia Pacific Anti Glare Glass Market
 - 9.3.1. China Anti Glare Glass Market
 - 9.3.2. India Anti Glare Glass Market
 - 9.3.3. Japan Anti Glare Glass Market
 - 9.3.4. Australia Anti Glare Glass Market
 - 9.3.5. South Korea Anti Glare Glass Market
 - 9.3.6. Rest of Asia Pacific Anti Glare Glass Market
- 9.4. Latin America Anti Glare Glass Market
 - 9.4.1. Brazil Anti Glare Glass Market
 - 9.4.2. Mexico Anti Glare Glass Market
 - 9.4.3. Rest of Latin America Anti Glare Glass Market
- 9.5. Middle East & Africa Anti Glare Glass Market
 - 9.5.1. Saudi Arabia Anti Glare Glass Market
 - 9.5.2. South Africa Anti Glare Glass Market
 - 9.5.3. Rest of Middle East & Africa Anti Glare Glass Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Saint Gobain S.A.
 - 10.1.2. AGC Inc.
 - 10.1.3. NSG Group (Nippon Sheet Glass Co., Ltd.)
- 10.2. Top Market Strategies
- 10.3. Company Profiles

- 10.3.1.?Saint Gobain S.A.
 - 10.3.1.1.?Key Information
 - 10.3.1.2.?Overview
 - 10.3.1.3.?Financial (Subject to Data Availability)
 - 10.3.1.4.?Product Summary
 - 10.3.1.5.?Market Strategies
- 10.3.2.?AGC Inc.
- 10.3.3.?NSG Group (Nippon Sheet Glass Co., Ltd.)
- 10.3.4.?Guardian Industries
- 10.3.5.?PPG Industries, Inc.
- 10.3.6.?Xinyi Glass Holdings Limited
- 10.3.7.?Fuyao Glass Industry Group Co., Ltd.
- 10.3.8.?SCHOTT AG
- 10.3.9.?Abrisa Technologies
- 10.3.10.?Pilkington Group Limited
- 10.3.11.?Tru Vue, Inc.
- 10.3.12.?Glas Tr?sch Holding AG
- 10.3.13.?Taiwan Glass Ind. Corp.
- 10.3.14.?IQ Glass Solutions Ltd.
- 10.3.15.?Cardinal Glass Industries

CHAPTER 11.?RESEARCH PROCESS

- 11.1.?Research Process
 - 11.1.1.?Data Mining
 - 11.1.2.?Analysis
 - 11.1.3.?Market Estimation
 - 11.1.4.?Validation
 - 11.1.5.?Publishing
- 11.2.?Research Attributes

List Of Tables

LIST OF TABLES

TABLE?1.?Global Anti Glare Glass Market, report scope

TABLE?2.?Global Anti Glare Glass Market estimates & forecasts by Region 2022 2032
(USD?Million/Billion)

TABLE?3.?Global Anti Glare Glass Market estimates & forecasts by Application 2022
2032 (USD?Million/Billion)

TABLE?4.?Global Anti Glare Glass Market estimates & forecasts by End Use 2022
2032 (USD?Million/Billion)

TABLE?5.?Global Anti Glare Glass Market estimates & forecasts by Product Type 2022
2032 (USD?Million/Billion)

TABLE?6.?Global Anti Glare Glass Market estimates & forecasts by Technology 2022
2032 (USD?Million/Billion)

TABLE?7.?Global Anti Glare Glass Market by segment, estimates & forecasts, 2022
2032 (USD?Million/Billion)

TABLE?8.?U.S. Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?9.?Canada Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?10.?UK Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?11.?Germany Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?12.?China Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?13.?India Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?14.?Brazil Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?15.?Mexico Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?16.?Saudi Arabia Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?17.?South Africa Anti Glare Glass Market estimates & forecasts, 2022 2032
(USD?Million/Billion)

TABLE?18.?Global Anti Glare Glass Market by company, market share analysis (2023)

TABLE?19.?Global Anti Glare Glass Market demand supply gap analysis, 2022 2032

TABLE 20. Global Anti Glare Glass Market pricing analysis, 2022-2032

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