

# Global Infrared Transmission Glass Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Infrared Transmission Glass market size was valued at US\$ 330 million in 2025 and is forecast to a readjusted size of US\$ 910 million by 2032 with a CAGR of 8.2% during review period.

In 2024, global production of infrared-transmitting glass reached 220.24 tons, with an average selling price of US\$1,457 per kilogram. Global annual production capacity for infrared-transmitting glass is approximately 373 tons, with a gross profit margin of about 30.2%. Infrared-transmitting glass generally refers to glass materials with excellent transmission properties in the infrared band, used to manufacture optical components such as lenses, windows, and prisms in infrared imaging, sensing, and communication systems. Compared to visible light glass, infrared-transmitting glass requires specific chemical compositions and structures in the near-infrared (NIR), mid-infrared (MIR), or far-infrared (FIR) bands to achieve high transmittance, appropriate refractive index, and low absorption. The upstream of the infrared-transmitting glass industry chain includes quartz sand, calcium carbonate, and zinc sulfide, the midstream consists of infrared-transmitting glass manufacturers, and the downstream mainly comprises industries such as military defense, security systems, and automobiles.

This report is a detailed and comprehensive analysis for global Infrared Transmission Glass market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

**Key Features:**

Global Infrared Transmission Glass market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Infrared Transmission Glass market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Infrared Transmission Glass market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Infrared Transmission Glass market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2021-2026

**The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Infrared Transmission Glass

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Infrared Transmission Glass market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Umicore, Amorphous Materials, Vitron Spezialwerkstoffe, CDGM Glass, Hubei New Huaguang, VOT, LightPath Technologies, Schott, AGC, Corning, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Infrared Transmission Glass market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Chalcogenide Glass

Germanium

ZnSe and ZnS

Others

### Market segment by Composition

Contains Germanium

Germanium-free

### Market segment by Visible Bands

Mid-Wave Infrared Glass

Long-Wave Infrared Glass

### Market segment by Application

Military and Defense

Security System

Automotive

Industrial

Medical and Other

Major players covered

Umicore

Amorphous Materials

Vitron Spezialwerkstoffe

CDGM Glass

Hubei New Huaguang

VOT

LightPath Technologies

Schott

AGC

Corning

Ohara Corporation

Sumita Optical Glass

Crystran

Gabrielle

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Infrared Transmission Glass product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Infrared Transmission Glass, with price, sales quantity, revenue, and global market share of Infrared Transmission Glass from 2021 to 2026.

Chapter 3, the Infrared Transmission Glass competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Infrared Transmission Glass breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Infrared Transmission Glass market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Infrared Transmission Glass.

Chapter 14 and 15, to describe Infrared Transmission Glass sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Infrared Transmission Glass Consumption Value by Type:  
2021 Versus 2025 Versus 2032

1.3.2 Chalcogenide Glass

1.3.3 Germanium

1.3.4 ZnSe and ZnS

1.3.5 Others

1.4 Market Analysis by Composition

1.4.1 Overview: Global Infrared Transmission Glass Consumption Value by  
Composition: 2021 Versus 2025 Versus 2032

1.4.2 Contains Germanium

1.4.3 Germanium-free

1.5 Market Analysis by Visible Bands

1.5.1 Overview: Global Infrared Transmission Glass Consumption Value by Visible  
Bands: 2021 Versus 2025 Versus 2032

1.5.2 Mid-Wave Infrared Glass

1.5.3 Long-Wave Infrared Glass

1.6 Market Analysis by Application

1.6.1 Overview: Global Infrared Transmission Glass Consumption Value by  
Application: 2021 Versus 2025 Versus 2032

1.6.2 Military and Defense

1.6.3 Security System

1.6.4 Automotive

1.6.5 Industrial

1.6.6 Medical and Other

1.7 Global Infrared Transmission Glass Market Size & Forecast

1.7.1 Global Infrared Transmission Glass Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Infrared Transmission Glass Sales Quantity (2021-2032)

1.7.3 Global Infrared Transmission Glass Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

2.1 Umicore

- 2.1.1 Umicore Details
- 2.1.2 Umicore Major Business
- 2.1.3 Umicore Infrared Transmission Glass Product and Services
- 2.1.4 Umicore Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 Umicore Recent Developments/Updates
- 2.2 Amorphous Materials
  - 2.2.1 Amorphous Materials Details
  - 2.2.2 Amorphous Materials Major Business
  - 2.2.3 Amorphous Materials Infrared Transmission Glass Product and Services
  - 2.2.4 Amorphous Materials Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.2.5 Amorphous Materials Recent Developments/Updates
- 2.3 Vitron Spezialwerkstoffe
  - 2.3.1 Vitron Spezialwerkstoffe Details
  - 2.3.2 Vitron Spezialwerkstoffe Major Business
  - 2.3.3 Vitron Spezialwerkstoffe Infrared Transmission Glass Product and Services
  - 2.3.4 Vitron Spezialwerkstoffe Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.3.5 Vitron Spezialwerkstoffe Recent Developments/Updates
- 2.4 CDGM Glass
  - 2.4.1 CDGM Glass Details
  - 2.4.2 CDGM Glass Major Business
  - 2.4.3 CDGM Glass Infrared Transmission Glass Product and Services
  - 2.4.4 CDGM Glass Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.4.5 CDGM Glass Recent Developments/Updates
- 2.5 Hubei New Huaguang
  - 2.5.1 Hubei New Huaguang Details
  - 2.5.2 Hubei New Huaguang Major Business
  - 2.5.3 Hubei New Huaguang Infrared Transmission Glass Product and Services
  - 2.5.4 Hubei New Huaguang Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.5.5 Hubei New Huaguang Recent Developments/Updates
- 2.6 VOT
  - 2.6.1 VOT Details
  - 2.6.2 VOT Major Business
  - 2.6.3 VOT Infrared Transmission Glass Product and Services
  - 2.6.4 VOT Infrared Transmission Glass Sales Quantity, Average Price, Revenue,

## Gross Margin and Market Share (2021-2026)

### 2.6.5 VOT Recent Developments/Updates

## 2.7 LightPath Technologies

### 2.7.1 LightPath Technologies Details

### 2.7.2 LightPath Technologies Major Business

### 2.7.3 LightPath Technologies Infrared Transmission Glass Product and Services

### 2.7.4 LightPath Technologies Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.7.5 LightPath Technologies Recent Developments/Updates

## 2.8 Schott

### 2.8.1 Schott Details

### 2.8.2 Schott Major Business

### 2.8.3 Schott Infrared Transmission Glass Product and Services

### 2.8.4 Schott Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.8.5 Schott Recent Developments/Updates

## 2.9 AGC

### 2.9.1 AGC Details

### 2.9.2 AGC Major Business

### 2.9.3 AGC Infrared Transmission Glass Product and Services

### 2.9.4 AGC Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.9.5 AGC Recent Developments/Updates

## 2.10 Corning

### 2.10.1 Corning Details

### 2.10.2 Corning Major Business

### 2.10.3 Corning Infrared Transmission Glass Product and Services

### 2.10.4 Corning Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.10.5 Corning Recent Developments/Updates

## 2.11 Ohara Corporation

### 2.11.1 Ohara Corporation Details

### 2.11.2 Ohara Corporation Major Business

### 2.11.3 Ohara Corporation Infrared Transmission Glass Product and Services

### 2.11.4 Ohara Corporation Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.11.5 Ohara Corporation Recent Developments/Updates

## 2.12 Sumita Optical Glass

### 2.12.1 Sumita Optical Glass Details

- 2.12.2 Sumita Optical Glass Major Business
- 2.12.3 Sumita Optical Glass Infrared Transmission Glass Product and Services
- 2.12.4 Sumita Optical Glass Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.12.5 Sumita Optical Glass Recent Developments/Updates
- 2.13 Crystran
  - 2.13.1 Crystran Details
  - 2.13.2 Crystran Major Business
  - 2.13.3 Crystran Infrared Transmission Glass Product and Services
  - 2.13.4 Crystran Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.13.5 Crystran Recent Developments/Updates
- 2.14 Gabrielle
  - 2.14.1 Gabrielle Details
  - 2.14.2 Gabrielle Major Business
  - 2.14.3 Gabrielle Infrared Transmission Glass Product and Services
  - 2.14.4 Gabrielle Infrared Transmission Glass Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.14.5 Gabrielle Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: INFRARED TRANSMISSION GLASS BY MANUFACTURER**

- 3.1 Global Infrared Transmission Glass Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Infrared Transmission Glass Revenue by Manufacturer (2021-2026)
- 3.3 Global Infrared Transmission Glass Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of Infrared Transmission Glass by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 Infrared Transmission Glass Manufacturer Market Share in 2025
  - 3.4.3 Top 6 Infrared Transmission Glass Manufacturer Market Share in 2025
- 3.5 Infrared Transmission Glass Market: Overall Company Footprint Analysis
  - 3.5.1 Infrared Transmission Glass Market: Region Footprint
  - 3.5.2 Infrared Transmission Glass Market: Company Product Type Footprint
  - 3.5.3 Infrared Transmission Glass Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

#### 4.1 Global Infrared Transmission Glass Market Size by Region

4.1.1 Global Infrared Transmission Glass Sales Quantity by Region (2021-2032)

4.1.2 Global Infrared Transmission Glass Consumption Value by Region (2021-2032)

4.1.3 Global Infrared Transmission Glass Average Price by Region (2021-2032)

#### 4.2 North America Infrared Transmission Glass Consumption Value (2021-2032)

#### 4.3 Europe Infrared Transmission Glass Consumption Value (2021-2032)

#### 4.4 Asia-Pacific Infrared Transmission Glass Consumption Value (2021-2032)

#### 4.5 South America Infrared Transmission Glass Consumption Value (2021-2032)

#### 4.6 Middle East & Africa Infrared Transmission Glass Consumption Value (2021-2032)

### 5 MARKET SEGMENT BY TYPE

#### 5.1 Global Infrared Transmission Glass Sales Quantity by Type (2021-2032)

#### 5.2 Global Infrared Transmission Glass Consumption Value by Type (2021-2032)

#### 5.3 Global Infrared Transmission Glass Average Price by Type (2021-2032)

### 6 MARKET SEGMENT BY APPLICATION

#### 6.1 Global Infrared Transmission Glass Sales Quantity by Application (2021-2032)

#### 6.2 Global Infrared Transmission Glass Consumption Value by Application (2021-2032)

#### 6.3 Global Infrared Transmission Glass Average Price by Application (2021-2032)

### 7 NORTH AMERICA

#### 7.1 North America Infrared Transmission Glass Sales Quantity by Type (2021-2032)

#### 7.2 North America Infrared Transmission Glass Sales Quantity by Application (2021-2032)

#### 7.3 North America Infrared Transmission Glass Market Size by Country

#### 7.3.1 North America Infrared Transmission Glass Sales Quantity by Country (2021-2032)

#### 7.3.2 North America Infrared Transmission Glass Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

### 8 EUROPE

- 8.1 Europe Infrared Transmission Glass Sales Quantity by Type (2021-2032)
- 8.2 Europe Infrared Transmission Glass Sales Quantity by Application (2021-2032)
- 8.3 Europe Infrared Transmission Glass Market Size by Country
  - 8.3.1 Europe Infrared Transmission Glass Sales Quantity by Country (2021-2032)
  - 8.3.2 Europe Infrared Transmission Glass Consumption Value by Country (2021-2032)
  - 8.3.3 Germany Market Size and Forecast (2021-2032)
  - 8.3.4 France Market Size and Forecast (2021-2032)
  - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
  - 8.3.6 Russia Market Size and Forecast (2021-2032)
  - 8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Infrared Transmission Glass Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Infrared Transmission Glass Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Infrared Transmission Glass Market Size by Region
  - 9.3.1 Asia-Pacific Infrared Transmission Glass Sales Quantity by Region (2021-2032)
  - 9.3.2 Asia-Pacific Infrared Transmission Glass Consumption Value by Region (2021-2032)
  - 9.3.3 China Market Size and Forecast (2021-2032)
  - 9.3.4 Japan Market Size and Forecast (2021-2032)
  - 9.3.5 South Korea Market Size and Forecast (2021-2032)
  - 9.3.6 India Market Size and Forecast (2021-2032)
  - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
  - 9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

- 10.1 South America Infrared Transmission Glass Sales Quantity by Type (2021-2032)
- 10.2 South America Infrared Transmission Glass Sales Quantity by Application (2021-2032)
- 10.3 South America Infrared Transmission Glass Market Size by Country
  - 10.3.1 South America Infrared Transmission Glass Sales Quantity by Country (2021-2032)
  - 10.3.2 South America Infrared Transmission Glass Consumption Value by Country (2021-2032)
  - 10.3.3 Brazil Market Size and Forecast (2021-2032)
  - 10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Infrared Transmission Glass Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Infrared Transmission Glass Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Infrared Transmission Glass Market Size by Country

11.3.1 Middle East & Africa Infrared Transmission Glass Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Infrared Transmission Glass Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

12.1 Infrared Transmission Glass Market Drivers

12.2 Infrared Transmission Glass Market Restraints

12.3 Infrared Transmission Glass Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Infrared Transmission Glass and Key Manufacturers

13.2 Manufacturing Costs Percentage of Infrared Transmission Glass

13.3 Infrared Transmission Glass Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Infrared Transmission Glass Typical Distributors

14.3 Infrared Transmission Glass Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global Infrared Transmission Glass Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global Infrared Transmission Glass Consumption Value by Composition, (USD Million), 2021 & 2025 & 2032
- Table 3. Global Infrared Transmission Glass Consumption Value by Visible Bands, (USD Million), 2021 & 2025 & 2032
- Table 4. Global Infrared Transmission Glass Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 5. Umicore Basic Information, Manufacturing Base and Competitors
- Table 6. Umicore Major Business
- Table 7. Umicore Infrared Transmission Glass Product and Services
- Table 8. Umicore Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 9. Umicore Recent Developments/Updates
- Table 10. Amorphous Materials Basic Information, Manufacturing Base and Competitors
- Table 11. Amorphous Materials Major Business
- Table 12. Amorphous Materials Infrared Transmission Glass Product and Services
- Table 13. Amorphous Materials Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 14. Amorphous Materials Recent Developments/Updates
- Table 15. Vitron Spezialwerkstoffe Basic Information, Manufacturing Base and Competitors
- Table 16. Vitron Spezialwerkstoffe Major Business
- Table 17. Vitron Spezialwerkstoffe Infrared Transmission Glass Product and Services
- Table 18. Vitron Spezialwerkstoffe Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 19. Vitron Spezialwerkstoffe Recent Developments/Updates
- Table 20. CDGM Glass Basic Information, Manufacturing Base and Competitors
- Table 21. CDGM Glass Major Business
- Table 22. CDGM Glass Infrared Transmission Glass Product and Services
- Table 23. CDGM Glass Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 24. CDGM Glass Recent Developments/Updates

- Table 25. Hubei New Huaguang Basic Information, Manufacturing Base and Competitors
- Table 26. Hubei New Huaguang Major Business
- Table 27. Hubei New Huaguang Infrared Transmission Glass Product and Services
- Table 28. Hubei New Huaguang Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 29. Hubei New Huaguang Recent Developments/Updates
- Table 30. VOT Basic Information, Manufacturing Base and Competitors
- Table 31. VOT Major Business
- Table 32. VOT Infrared Transmission Glass Product and Services
- Table 33. VOT Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 34. VOT Recent Developments/Updates
- Table 35. LightPath Technologies Basic Information, Manufacturing Base and Competitors
- Table 36. LightPath Technologies Major Business
- Table 37. LightPath Technologies Infrared Transmission Glass Product and Services
- Table 38. LightPath Technologies Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 39. LightPath Technologies Recent Developments/Updates
- Table 40. Schott Basic Information, Manufacturing Base and Competitors
- Table 41. Schott Major Business
- Table 42. Schott Infrared Transmission Glass Product and Services
- Table 43. Schott Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 44. Schott Recent Developments/Updates
- Table 45. AGC Basic Information, Manufacturing Base and Competitors
- Table 46. AGC Major Business
- Table 47. AGC Infrared Transmission Glass Product and Services
- Table 48. AGC Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 49. AGC Recent Developments/Updates
- Table 50. Corning Basic Information, Manufacturing Base and Competitors
- Table 51. Corning Major Business
- Table 52. Corning Infrared Transmission Glass Product and Services
- Table 53. Corning Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Corning Recent Developments/Updates

Table 55. Ohara Corporation Basic Information, Manufacturing Base and Competitors

Table 56. Ohara Corporation Major Business

Table 57. Ohara Corporation Infrared Transmission Glass Product and Services

Table 58. Ohara Corporation Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Ohara Corporation Recent Developments/Updates

Table 60. Sumita Optical Glass Basic Information, Manufacturing Base and Competitors

Table 61. Sumita Optical Glass Major Business

Table 62. Sumita Optical Glass Infrared Transmission Glass Product and Services

Table 63. Sumita Optical Glass Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Sumita Optical Glass Recent Developments/Updates

Table 65. Crystran Basic Information, Manufacturing Base and Competitors

Table 66. Crystran Major Business

Table 67. Crystran Infrared Transmission Glass Product and Services

Table 68. Crystran Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. Crystran Recent Developments/Updates

Table 70. Gabrielle Basic Information, Manufacturing Base and Competitors

Table 71. Gabrielle Major Business

Table 72. Gabrielle Infrared Transmission Glass Product and Services

Table 73. Gabrielle Infrared Transmission Glass Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 74. Gabrielle Recent Developments/Updates

Table 75. Global Infrared Transmission Glass Sales Quantity by Manufacturer (2021-2026) & (Tons)

Table 76. Global Infrared Transmission Glass Revenue by Manufacturer (2021-2026) & (USD Million)

Table 77. Global Infrared Transmission Glass Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 78. Market Position of Manufacturers in Infrared Transmission Glass, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 79. Head Office and Infrared Transmission Glass Production Site of Key Manufacturer

Table 80. Infrared Transmission Glass Market: Company Product Type Footprint

Table 81. Infrared Transmission Glass Market: Company Product Application Footprint

Table 82. Infrared Transmission Glass New Market Entrants and Barriers to Market Entry

Table 83. Infrared Transmission Glass Mergers, Acquisition, Agreements, and Collaborations

Table 84. Global Infrared Transmission Glass Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 85. Global Infrared Transmission Glass Sales Quantity by Region (2021-2026) & (Tons)

Table 86. Global Infrared Transmission Glass Sales Quantity by Region (2027-2032) & (Tons)

Table 87. Global Infrared Transmission Glass Consumption Value by Region (2021-2026) & (USD Million)

Table 88. Global Infrared Transmission Glass Consumption Value by Region (2027-2032) & (USD Million)

Table 89. Global Infrared Transmission Glass Average Price by Region (2021-2026) & (US\$/kg)

Table 90. Global Infrared Transmission Glass Average Price by Region (2027-2032) & (US\$/kg)

Table 91. Global Infrared Transmission Glass Sales Quantity by Type (2021-2026) & (Tons)

Table 92. Global Infrared Transmission Glass Sales Quantity by Type (2027-2032) & (Tons)

Table 93. Global Infrared Transmission Glass Consumption Value by Type (2021-2026) & (USD Million)

Table 94. Global Infrared Transmission Glass Consumption Value by Type (2027-2032) & (USD Million)

Table 95. Global Infrared Transmission Glass Average Price by Type (2021-2026) & (US\$/kg)

Table 96. Global Infrared Transmission Glass Average Price by Type (2027-2032) & (US\$/kg)

Table 97. Global Infrared Transmission Glass Sales Quantity by Application (2021-2026) & (Tons)

Table 98. Global Infrared Transmission Glass Sales Quantity by Application (2027-2032) & (Tons)

Table 99. Global Infrared Transmission Glass Consumption Value by Application (2021-2026) & (USD Million)

Table 100. Global Infrared Transmission Glass Consumption Value by Application (2027-2032) & (USD Million)

Table 101. Global Infrared Transmission Glass Average Price by Application

(2021-2026) & (US\$/kg)

Table 102. Global Infrared Transmission Glass Average Price by Application

(2027-2032) & (US\$/kg)

Table 103. North America Infrared Transmission Glass Sales Quantity by Type

(2021-2026) & (Tons)

Table 104. North America Infrared Transmission Glass Sales Quantity by Type

(2027-2032) & (Tons)

Table 105. North America Infrared Transmission Glass Sales Quantity by Application

(2021-2026) & (Tons)

Table 106. North America Infrared Transmission Glass Sales Quantity by Application

(2027-2032) & (Tons)

Table 107. North America Infrared Transmission Glass Sales Quantity by Country

(2021-2026) & (Tons)

Table 108. North America Infrared Transmission Glass Sales Quantity by Country

(2027-2032) & (Tons)

Table 109. North America Infrared Transmission Glass Consumption Value by Country

(2021-2026) & (USD Million)

Table 110. North America Infrared Transmission Glass Consumption Value by Country

(2027-2032) & (USD Million)

Table 111. Europe Infrared Transmission Glass Sales Quantity by Type (2021-2026) &

(Tons)

Table 112. Europe Infrared Transmission Glass Sales Quantity by Type (2027-2032) &

(Tons)

Table 113. Europe Infrared Transmission Glass Sales Quantity by Application

(2021-2026) & (Tons)

Table 114. Europe Infrared Transmission Glass Sales Quantity by Application

(2027-2032) & (Tons)

Table 115. Europe Infrared Transmission Glass Sales Quantity by Country (2021-2026)

& (Tons)

Table 116. Europe Infrared Transmission Glass Sales Quantity by Country (2027-2032)

& (Tons)

Table 117. Europe Infrared Transmission Glass Consumption Value by Country

(2021-2026) & (USD Million)

Table 118. Europe Infrared Transmission Glass Consumption Value by Country

(2027-2032) & (USD Million)

Table 119. Asia-Pacific Infrared Transmission Glass Sales Quantity by Type

(2021-2026) & (Tons)

Table 120. Asia-Pacific Infrared Transmission Glass Sales Quantity by Type

(2027-2032) & (Tons)

Table 121. Asia-Pacific Infrared Transmission Glass Sales Quantity by Application (2021-2026) & (Tons)

Table 122. Asia-Pacific Infrared Transmission Glass Sales Quantity by Application (2027-2032) & (Tons)

Table 123. Asia-Pacific Infrared Transmission Glass Sales Quantity by Region (2021-2026) & (Tons)

Table 124. Asia-Pacific Infrared Transmission Glass Sales Quantity by Region (2027-2032) & (Tons)

Table 125. Asia-Pacific Infrared Transmission Glass Consumption Value by Region (2021-2026) & (USD Million)

Table 126. Asia-Pacific Infrared Transmission Glass Consumption Value by Region (2027-2032) & (USD Million)

Table 127. South America Infrared Transmission Glass Sales Quantity by Type (2021-2026) & (Tons)

Table 128. South America Infrared Transmission Glass Sales Quantity by Type (2027-2032) & (Tons)

Table 129. South America Infrared Transmission Glass Sales Quantity by Application (2021-2026) & (Tons)

Table 130. South America Infrared Transmission Glass Sales Quantity by Application (2027-2032) & (Tons)

Table 131. South America Infrared Transmission Glass Sales Quantity by Country (2021-2026) & (Tons)

Table 132. South America Infrared Transmission Glass Sales Quantity by Country (2027-2032) & (Tons)

Table 133. South America Infrared Transmission Glass Consumption Value by Country (2021-2026) & (USD Million)

Table 134. South America Infrared Transmission Glass Consumption Value by Country (2027-2032) & (USD Million)

Table 135. Middle East & Africa Infrared Transmission Glass Sales Quantity by Type (2021-2026) & (Tons)

Table 136. Middle East & Africa Infrared Transmission Glass Sales Quantity by Type (2027-2032) & (Tons)

Table 137. Middle East & Africa Infrared Transmission Glass Sales Quantity by Application (2021-2026) & (Tons)

Table 138. Middle East & Africa Infrared Transmission Glass Sales Quantity by Application (2027-2032) & (Tons)

Table 139. Middle East & Africa Infrared Transmission Glass Sales Quantity by Country (2021-2026) & (Tons)

Table 140. Middle East & Africa Infrared Transmission Glass Sales Quantity by Country

(2027-2032) & (Tons)

Table 141. Middle East & Africa Infrared Transmission Glass Consumption Value by Country (2021-2026) & (USD Million)

Table 142. Middle East & Africa Infrared Transmission Glass Consumption Value by Country (2027-2032) & (USD Million)

Table 143. Infrared Transmission Glass Raw Material

Table 144. Key Manufacturers of Infrared Transmission Glass Raw Materials

Table 145. Infrared Transmission Glass Typical Distributors

Table 146. Infrared Transmission Glass Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Infrared Transmission Glass Picture
- Figure 2. Global Infrared Transmission Glass Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Infrared Transmission Glass Revenue Market Share by Type in 2025
- Figure 4. Chalcogenide Glass Examples
- Figure 5. Germanium Examples
- Figure 6. ZnSe and ZnS Examples
- Figure 7. Others Examples
- Figure 8. Global Infrared Transmission Glass Revenue by Composition, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Infrared Transmission Glass Revenue Market Share by Composition in 2025
- Figure 10. Contains Germanium Examples
- Figure 11. Germanium-free Examples
- Figure 12. Global Infrared Transmission Glass Revenue by Visible Bands, (USD Million), 2021 & 2025 & 2032
- Figure 13. Global Infrared Transmission Glass Revenue Market Share by Visible Bands in 2025
- Figure 14. Mid-Wave Infrared Glass Examples
- Figure 15. Long-Wave Infrared Glass Examples
- Figure 16. Global Infrared Transmission Glass Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 17. Global Infrared Transmission Glass Revenue Market Share by Application in 2025
- Figure 18. Military and Defense Examples
- Figure 19. Security System Examples
- Figure 20. Automotive Examples
- Figure 21. Industrial Examples
- Figure 22. Medical and Other Examples
- Figure 23. Global Infrared Transmission Glass Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 24. Global Infrared Transmission Glass Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 25. Global Infrared Transmission Glass Sales Quantity (2021-2032) & (Tons)
- Figure 26. Global Infrared Transmission Glass Price (2021-2032) & (US\$/kg)

Figure 27. Global Infrared Transmission Glass Sales Quantity Market Share by Manufacturer in 2025

Figure 28. Global Infrared Transmission Glass Revenue Market Share by Manufacturer in 2025

Figure 29. Producer Shipments of Infrared Transmission Glass by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 30. Top 3 Infrared Transmission Glass Manufacturer (Revenue) Market Share in 2025

Figure 31. Top 6 Infrared Transmission Glass Manufacturer (Revenue) Market Share in 2025

Figure 32. Global Infrared Transmission Glass Sales Quantity Market Share by Region (2021-2032)

Figure 33. Global Infrared Transmission Glass Consumption Value Market Share by Region (2021-2032)

Figure 34. North America Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 35. Europe Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 36. Asia-Pacific Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 37. South America Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 38. Middle East & Africa Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 39. Global Infrared Transmission Glass Sales Quantity Market Share by Type (2021-2032)

Figure 40. Global Infrared Transmission Glass Consumption Value Market Share by Type (2021-2032)

Figure 41. Global Infrared Transmission Glass Average Price by Type (2021-2032) & (US\$/kg)

Figure 42. Global Infrared Transmission Glass Sales Quantity Market Share by Application (2021-2032)

Figure 43. Global Infrared Transmission Glass Revenue Market Share by Application (2021-2032)

Figure 44. Global Infrared Transmission Glass Average Price by Application (2021-2032) & (US\$/kg)

Figure 45. North America Infrared Transmission Glass Sales Quantity Market Share by Type (2021-2032)

Figure 46. North America Infrared Transmission Glass Sales Quantity Market Share by

Application (2021-2032)

Figure 47. North America Infrared Transmission Glass Sales Quantity Market Share by Country (2021-2032)

Figure 48. North America Infrared Transmission Glass Consumption Value Market Share by Country (2021-2032)

Figure 49. United States Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 50. Canada Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 51. Mexico Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 52. Europe Infrared Transmission Glass Sales Quantity Market Share by Type (2021-2032)

Figure 53. Europe Infrared Transmission Glass Sales Quantity Market Share by Application (2021-2032)

Figure 54. Europe Infrared Transmission Glass Sales Quantity Market Share by Country (2021-2032)

Figure 55. Europe Infrared Transmission Glass Consumption Value Market Share by Country (2021-2032)

Figure 56. Germany Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 57. France Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 58. United Kingdom Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 59. Russia Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 60. Italy Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 61. Asia-Pacific Infrared Transmission Glass Sales Quantity Market Share by Type (2021-2032)

Figure 62. Asia-Pacific Infrared Transmission Glass Sales Quantity Market Share by Application (2021-2032)

Figure 63. Asia-Pacific Infrared Transmission Glass Sales Quantity Market Share by Region (2021-2032)

Figure 64. Asia-Pacific Infrared Transmission Glass Consumption Value Market Share by Region (2021-2032)

Figure 65. China Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 66. Japan Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 67. South Korea Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 68. India Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 69. Southeast Asia Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 70. Australia Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 71. South America Infrared Transmission Glass Sales Quantity Market Share by Type (2021-2032)

Figure 72. South America Infrared Transmission Glass Sales Quantity Market Share by Application (2021-2032)

Figure 73. South America Infrared Transmission Glass Sales Quantity Market Share by Country (2021-2032)

Figure 74. South America Infrared Transmission Glass Consumption Value Market Share by Country (2021-2032)

Figure 75. Brazil Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 76. Argentina Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 77. Middle East & Africa Infrared Transmission Glass Sales Quantity Market Share by Type (2021-2032)

Figure 78. Middle East & Africa Infrared Transmission Glass Sales Quantity Market Share by Application (2021-2032)

Figure 79. Middle East & Africa Infrared Transmission Glass Sales Quantity Market Share by Country (2021-2032)

Figure 80. Middle East & Africa Infrared Transmission Glass Consumption Value Market Share by Country (2021-2032)

Figure 81. Turkey Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 82. Egypt Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 83. Saudi Arabia Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 84. South Africa Infrared Transmission Glass Consumption Value (2021-2032) & (USD Million)

Figure 85. Infrared Transmission Glass Market Drivers

Figure 86. Infrared Transmission Glass Market Restraints

Figure 87. Infrared Transmission Glass Market Trends

Figure 88. Porters Five Forces Analysis

Figure 89. Manufacturing Cost Structure Analysis of Infrared Transmission Glass in 2025

Figure 90. Manufacturing Process Analysis of Infrared Transmission Glass

Figure 91. Infrared Transmission Glass Industrial Chain

Figure 92. Sales Channel: Direct to End-User vs Distributors

Figure 93. Direct Channel Pros & Cons

Figure 94. Indirect Channel Pros & Cons

Figure 95. Methodology

Figure 96. Research Process and Data Source

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