

Global Pharmaceutical Type I Glass Tubing Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Pharmaceutical Type I Glass Tubing market size is expected to reach \$ 2580 million by 2032, rising at a market growth of 4.4% CAGR during the forecast period (2026-2032).

Pharmaceutical Type I Glass Tubing is a high-purity, chemically inert borosilicate/aluminosilicate glass material manufactured to meet stringent USP, EP, JP, and pharmacopoeial standards, defined by exceptional hydrolytic resistance, low alkali leachability, thermal shock stability, and ultra-low extractables. It serves as the primary raw material for sterile pharmaceutical primary packaging, engineered to maintain drug stability, withstand autoclaving/lyophilization, and prevent chemical interaction with parenteral formulations, vaccines, biologics, and sensitive pharmaceuticals.

In 2025, global Pharmaceutical Type I Glass Tubing production reached approximately 882,381 tons, with an average global market price of around US\$ 2,100 per ton.

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The upstream supply chain includes suppliers of ultra-high-purity quartz sand (>99.99% SiO₂), boron oxide, alumina, soda ash, and specialty additives, alongside manufacturers of high-temperature melting furnaces, precision drawing machines, and

automated quality control systems. Midstream operations involve melting, precision tube drawing, annealing, cutting, and rigorous testing for dimensional accuracy, chemical purity, and hydrolytic resistance under GMP conditions. Downstream channels consist of pharmaceutical packaging converters producing vials, ampoules, prefilled syringes, and cartridges, which supply biotech firms, vaccine manufacturers, generic drug producers, and contract packaging organizations for sterile drug filling and global distribution.

This report studies the global Pharmaceutical Type I Glass Tubing production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Pharmaceutical Type I Glass Tubing and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Pharmaceutical Type I Glass Tubing that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Pharmaceutical Type I Glass Tubing total production and demand, 2021-2032, (Tons)

Global Pharmaceutical Type I Glass Tubing total production value, 2021-2032, (USD Million)

Global Pharmaceutical Type I Glass Tubing production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Pharmaceutical Type I Glass Tubing consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Pharmaceutical Type I Glass Tubing domestic production, consumption, key domestic manufacturers and share

Global Pharmaceutical Type I Glass Tubing production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Pharmaceutical Type I Glass Tubing production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Pharmaceutical Type I Glass Tubing production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Pharmaceutical Type I Glass Tubing market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SCHOTT, Corning, Stevanato, Nipro

PharmaPackaging, Nippon Electric Glass, Shandong Medicinal Glass, Triumph Junheng, Four Stars Glass, Shandong Linuo Pharmaceutical Packaging, Jinan JSV Industrial, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Pharmaceutical Type I Glass Tubing market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Pharmaceutical Type I Glass Tubing Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Pharmaceutical Type I Glass Tubing Market, Segmentation by Type:

Colored

Colorless

Global Pharmaceutical Type I Glass Tubing Market, Segmentation by Chemical Composition:

Borosilicate Type I Glass Tubing

Aluminosilicate Type I Glass Tubing

Other

Global Pharmaceutical Type I Glass Tubing Market, Segmentation by Outer Diameter (OD) Range:

Micro?diameter Tubing

Standard?diameter Tubing

Large?diameter Tubing

Global Pharmaceutical Type I Glass Tubing Market, Segmentation by Application:

Injection Bottle

Ampoule

Oral Bottle

Other

Companies Profiled:

SCHOTT

Corning

Stevanato

Nipro PharmaPackaging

Nippon Electric Glass

Shandong Medicinal Glass

Triumph Junheng

Four Stars Glass

Shandong Linuo Pharmaceutical Packaging

Jinan JSV Industrial

Cangzhou Four Star Glass

Neubor Glass

Chongqing Zhengchuan Pharmaceutical

Tungshu Pharma Glass

Gerresheimer

Key Questions Answered:

1. How big is the global Pharmaceutical Type I Glass Tubing market?
2. What is the demand of the global Pharmaceutical Type I Glass Tubing market?
3. What is the year over year growth of the global Pharmaceutical Type I Glass Tubing market?
4. What is the production and production value of the global Pharmaceutical Type I Glass Tubing market?
5. Who are the key producers in the global Pharmaceutical Type I Glass Tubing market?

6. What are the growth factors driving the market demand?

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