

Pharmaceutical Glass Packaging - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Pharmaceutical Glass Packaging Market size is estimated at USD 31.34 billion in 2025, and is expected to reach USD 40.56 billion by 2030, at a CAGR of 5.29% during the forecast period (2025-2030).

Key Highlights

- Glass packaging solutions are offered mainly as the primary packaging for pharmaceutical products and are among the leading packaging materials for the pharmaceutical industry. This is primarily due to advantages such as being sustainable, inert, impermeable, recyclable with no loss in quality, and reusable. Glass containers are among the primary packaging materials that have found significant use in the pharmaceutical industries.
- The pharmaceutical industry is growing significantly worldwide, creating the need for packaging for communicable and non-communicable disease treatments. Thus, the demand for glass packaging in pharmaceutical manufacturing is increasing as it protects medicines from damage, biological contamination, and external influences.
- Furthermore, the growing demand for injectable pharmaceuticals is propelling the growth of glass bottles in the pharmaceutical industry. The strong demand for oncology and other high-potency drugs (such as antibody conjugates and steroids with a fast onset of action) and growth in the per capita pharmaceutical spending are expected to be the primary growth drivers.
- Over time, the market also faced challenges that included glass packaging getting expensive due to raw material prices and other factors, and it could not provide economically viable solutions for packaging products across mass consumption. That marked the advent of plastics as an option.
- The COVID-19 pandemic has left a steady growth rate with increased demand for medicines. The surge in the need for pharmaceutical drugs during the pandemic has positively impacted the market's growth. It is further expected to grow as new drugs and vaccines are being approved and phased out in different countries by pharmaceutical manufacturers, expanding the scope of glass packaging.

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Pharmaceutical Glass Packaging Market Trends

Pharmaceutical Industry in Emerging Economies to Drive Growth

- Emerging markets are described as growing prosperous nations where investment is anticipated to increase profits despite significant risks. While pharmaceutical sales grow slowly in many developed nations, emerging market sales patterns indicate ongoing expansion. Several economic and demographic variables influence the trend in these markets, such as challenging conditions in established markets, with growth that has been flattened due to patent expiration, cost-cutting measures that encourage generic replacement, and strict enforcement of restrictions.
- The pharmaceutical glass packaging industry has seen significant penetration in nations like China. Glass pharmaceutical packaging is becoming more widely used in developed countries. After COVID-19, the healthcare and pharmaceutical sectors are growing in emerging nations, presenting opportunities for the pharmaceutical glass packaging market.
- For instance, in September 2022, SCHOTT Pharma expanded cartridge output in China. Several million investments are intended to significantly improve the manufacturing capabilities for pharmaceutical cartridges in China and Hungary.
- Moreover, R&D is highly valued in India's pharmaceutical sector. India became a worldwide medical giant in 2022 by enlarging its R&D ecosystem and raising pharmaceutical exports, creating opportunities for various domestic glass packaging vendors.
- Furthermore, Southeast & East Asia is expected to generate USD 263 billion in pharmaceutical sales and take the third position after North America and Europe. All the growth factors and investments by significant market incumbents due to the industry's growth are anticipated to drive the market's growth.

Asia-Pacific to Witness Significant Growth

- The Chinese pharmaceutical glass packaging market is expected to grow rapidly as China has built a standard system for the pharmaceutical industry over the years. The country pays more and more attention to the stability of pharmaceutical packaging materials during the drug storage period and safety when used. Against this background, new green, degradable, and easy-to-use pharmaceutical packaging materials and vessels are booming.
- China's large and rapidly growing healthcare market has been an obvious target of opportunity for the glass packaging market due to the presence of major multinational pharmaceutical companies. These companies are among the most significant revenue earners in the Chinese pharmaceutical market.
- In India, pharmaceutical glass packaging has been growing due to the increasing usage of generic injectable drugs in the healthcare industry. Pharmaceutical glass packaging is available in various drug types, such as injectable and non-injectable. The significant properties of pharmaceutical glass packaging include its high chemical durability, which maximizes the reliability of the products.
- The demand for glass packaging in India is expected to proliferate as India is a prominent and expanding player in the global medicines market. According to data published on the India Brand Equity Foundation website, India is the world's largest provider of generic pharmaceuticals, accounting for 20% of the worldwide supply and meeting over 60% of global vaccine demand. According to India Ratings & Research, the Indian pharmaceutical market revenue was predicted to increase by more than 12% in 2022.
- Furthermore, Japan has one of the fastest-growing pharmaceutical industries after the United States and constantly focuses on steady innovation and patented drugs. The Government of Japan also contributes to this growth through deregulations for international companies to invest, thereby driving the country's pharmaceutical market.
- The scope of the Rest of the Asia-Pacific region covers Indonesia, Australia, Singapore, Thailand, South Korea, and Malaysia. The

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market is driven by the growth in international partnerships, biosimilars, the expansion in the export of finished formulations, and a robust generics market.

Pharmaceutical Glass Packaging Industry Overview

The pharmaceutical glass packaging market is fragmented. The surge in government initiatives and increasing demand for injectables and other medicines provide lucrative pharmaceutical glass packaging solutions opportunities. Overall, the competitive rivalry among existing competitors is high. Large companies are actively involved in expansion and mergers in different pharmaceutical industries, driving the demand in the market. Key players include Gerresheimer Glass Inc., Corning Incorporated, Nipro Corporation, SGD SA, and Stolzle-Oberglass GmbH.

- September 2022: Gerresheimer AG and StevanatoGroup SpA developed a high-end ready-to-use (RTU) solution platform with an initial focus on vials built on Stevanato Group's market-leading EZ-fill technology. The customers are expected to benefit from the partnership in terms of increased productivity, higher quality standards, quicker time to market, lower total cost of ownership (TCO), and reduced supply chain risk.
- July 2022: Nipro Corporation Japan, a medical equipment manufacturing company, invested HRK 100 million (USD 13.6 million/EUR 13.3 million) in a new glass packaging plant for the pharmaceutical industry in Croatia. The new factory that produces glass ampoules and vials to package life-saving drugs was inaugurated in Zagreb's suburb Sesvete, Nipro's division, Nipro PharmaPackaging.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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