

Ophthalmic Packaging Market Forecasts to 2034 – Global Analysis By Product (Plastic Droptainer Bottles, Glass Dropper Bottles, Metal Collapsible Tubes, Plastic Collapsible Tubes and Other Products), Type, Dose, Raw Material, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Ophthalmic Packaging Market is accounted for \$15.47 billion in 2026 and is expected to reach \$34.14 billion by 2034 growing at a CAGR of 10.4% during the forecast period. Ophthalmic packaging plays a crucial role in protecting and delivering sensitive eye medications. These specialized packages are designed with precision and care, considering factors like sterility, accuracy, and ease of use. These are typically sterile and sealed to maintain product efficacy, ophthalmic packaging employs materials that meet regulatory standards. Clear labeling facilitates proper usage instructions, while tamper-evident features enhance consumer confidence. The packaging's ergonomic design prioritizes user convenience, supporting easy dispensing and storage.

According to the USA General Population Cross-sectional Study, 2018, around 16.7 to 50.2 million Americans have a dry eye disease, accounting for 5% to 15% of the total population.

Market Dynamics:

Driver:

Increase in eye-related disorders and conditions

As the prevalence of ailments like cataracts and glaucoma rises globally, there is an increased demand for specialized packaging that ensures the safety, efficacy, and proper administration of ophthalmic products. This has led to innovations in packaging design, incorporating features like advanced drug delivery systems and tamper-evident measures. The growing need for compliance with stringent regulatory standards and the emphasis on consumer-friendly, convenient packaging further propel the Ophthalmic Packaging market

Restraint:

Limited shelf life

Packaging solutions must ensure product stability and prevent deterioration within a short timeframe, increasing complexity and cost. Manufacturers face challenges in meeting stringent requirements for preserving the efficacy of sensitive formulations. Short shelf life necessitates rapid production and distribution, raising operational costs. Additionally, frequent product turnover places pressure on inventory management. This constraint not only limits the flexibility of packaging design but also hinders cost-effectiveness, impacting profit margins.

Opportunity:

Growing awareness among consumers regarding eye health

Increased awareness prompts consumers to prioritize eye care, leading to a surge in demand for ophthalmic products. Consequently, packaging plays a crucial role in attracting and retaining customers by ensuring product safety, efficacy, and convenience. Brands are compelled to invest in visually appealing and informative packaging to communicate the benefits of their eye care products, fostering consumer trust boosting the market growth.

Threat:

Availability of raw materials with intense competition

Meeting rigorous regulatory requirements demands extensive testing, documentation, and adherence to complex guidelines, escalating development and production costs. Small and medium-sized enterprises may find it particularly burdensome, hindering their

entry into the market. The need for continuous updates to comply with evolving regulations further strains resources. Additionally, the stringent standards may limit flexibility and innovation, as companies prioritize meeting compliance over exploring novel packaging solutions hindering the market growth.

Covid-19 Impact

Lockdowns, travel restrictions, and a shift in consumer priorities have caused a decline in demand for non-essential goods, including certain ophthalmic products. Additionally, the focus on healthcare resources for pandemic-related issues has diverted attention from routine eye care. These factors have collectively resulted in a temporary downturn for the Ophthalmic Packaging market

The plastic droptainer bottles segment is expected to be the largest during the forecast period

The plastic droptainer bottles segment is estimated to have a lucrative growth, as these lightweight and durable containers provide a secure environment for ophthalmic solutions, protecting them from contamination and preserving their efficacy. The adoption of plastic droptainer bottles has led to improved user-friendliness and increased shelf life of ophthalmic products. Their cost-effectiveness and ease of manufacturing have also contributed to market growth.

The eye lotions segment is expected to have the highest CAGR during the forecast period

The eye lotions segment is anticipated to witness the highest CAGR growth during the forecast period, as these formulations gain popularity for their therapeutic and cosmetic applications, packaging requirements have evolved. Demand for innovative packaging solutions, ensuring product integrity and user convenience, has surged. Manufacturers are increasingly focusing on creating user-friendly, airtight, and light-protective packaging to preserve the potency of eye lotions. The dynamic growth in the eye lotion segment has consequently stimulated innovation in Ophthalmic Packaging

Region with largest share:

North America is projected to hold the largest market share during the forecast period owing to the rising prevalence of ocular disorders, the growing export of ophthalmic products, increasing investment in R&D specific to the ophthalmic field, and

stringent regulatory policies in parametrical packaging. For instance, in February 2023, West Pharmaceutical Services announced the expansion of its current collaboration with Corning. This expansion included exclusive rights to distribute Corning Valour glass vials. It also involved launching the company's primary product, West Ready Pack, containing Corning Valour RTU vials.

Region with highest CAGR:

Asia Pacific is projected to have the highest CAGR over the forecast period, owing to owing to the need for speedy and reliable packaging solutions that fulfil a combination of security requirements, enhance patient comfort, comprise tamper-evident technology, and provide high-quality products and product protection. For instance, in March 2023, SCHOTT launched the production of amber medical glass in India to address rising demand. This initiative extended the availability of borosilicate glass variants to pharma packaging producers in India and Asia.

Key players in the market

Some of the key players in the Ophthalmic Packaging Market include SCHOTT AG, West Pharmaceutical Services, Inc., Mitotech, SA, Akorn, Inc., Santen Pharmaceutical Co., Amcor, Bausch & Lomb Incorporated, Bayer AG, Teva Pharmaceutical Industries Ltd., Gerresheimer AG, Novartis AG, ALLERGAN, Johnson & Johnson Vision, AptarGroup, Inc., F. Hoffmann-La Roche Ltd., Aerie Pharmaceuticals, INC and Merck Sharp & Dohme Corp.

Key Developments:

In November 2023, Amcor and NOVA Chemicals announce agreement to source mechanically recycled polyethylene. Increasing the use of rPE in flexible packaging applications is an important element of Amcor's commitment to support packaging circularity.

In July 2023, Santen Agrees to License Agreements and Asset Transfer for its Pharmaceutical Products in North America. Under the terms of the agreement, Santen grants Visiox exclusive rights in the U.S. for product manufacturing and commercialization of OMLONTI??. Santen is eligible to receive sales milestone payments, as well as royalties on net U.S. sales of OMLONTI??.

In July 2022, Mitotech S.A, announced entering a partnership agreement with Essex Bio-

Investment for Phase 3 clinical program in Dry Eye Disease. Mitotech S.A, a Luxembourg based clinical stage biotechnology company, announced entering a partnership agreement with Essex Bio-Investment for Phase 3 clinical program.

Products Covered:

Plastic Droptainer Bottles

Glass Dropper Bottles

Metal Collapsible Tubes

Plastic Collapsible Tubes

Other Products

Types Covered:

Eye Drops

Eye Lotions

Ointments

Creams

Gels

Contact Lens Solutions

Ophthalmic Inserts

Ophthalmic Powders

Other Types

Doses Covered:

Single-Dose

Multi-Dose

Raw Materials Covered:

Plastic

Metal

Glass

Adhesives & Sealants

Labels & Inks

End Users Covered:

Pharmaceutical Industries

Medical Device Manufacturers

Hospitals & Clinics

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 3032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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