

# **Caps & Closures Packaging Market Forecasts to 2034 – Global Analysis By Material Type (Plastic Caps & Closures, Metal Caps & Closures, Rubber Closures, Composite Materials, and Biodegradable & Bio-based Materials), Product Type, Closure Technology, Application, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Caps & Closures Packaging Market is accounted for \$78.6 billion in 2026 and is expected to reach \$121.5 billion by 2034 growing at a CAGR of 5.6% during the forecast period. Caps and closures packaging encompasses screw caps, dispensing closures, snap-on lids, cork closures, child-resistant systems, tamper-evident mechanisms, and smart closures for beverage, food, pharmaceutical, personal care, and household chemical packaging applications. As the primary interface between product and consumer, closures play a critical role in product preservation, safety compliance, consumer convenience, and brand differentiation across virtually all packaged goods categories.

Market Dynamics:

Driver:

Rising demand for child-resistant and tamper-evident closure solutions in pharmaceuticals

Stringent pharmaceutical packaging safety regulations in North America, Europe, and rapidly developing regulatory frameworks in Asia Pacific mandate child-resistant closure systems across a broad range of over-the-counter and prescription medications, dietary supplements, and household chemical products. Evolving Consumer Product Safety Commission requirements in the US and corresponding international standards are driving continuous closure design updates. Concurrently, global growth in generic drug production, OTC health supplement consumption, and household chemical product

markets is generating sustained volume demand for compliant closure solutions. Brand owners additionally invest in tamper-evident closures to protect product integrity and consumer safety across retail distribution channels.

#### Restraint:

Raw material price volatility for polypropylene and polyethylene closures

Caps and closures are predominantly manufactured from polypropylene and polyethylene, making the segment highly exposed to petroleum-derived resin price volatility driven by crude oil price cycles, trade policy interventions, and energy cost fluctuations. Closure manufacturers operating on thin margins in commodity beverage and food closure segments face difficulty absorbing input cost increases without triggering customer price renegotiations. The global shortage of certain specialty resin grades and injection molding equipment components has periodically constrained production capacity. Environmental regulations imposing recycled content mandates on plastic closures may require resin grade reformulation, introducing performance validation costs that further pressure margins.

#### Opportunity:

Growth in smart closures integrating NFC, RFID, and sensor technologies

The convergence of closure manufacturing expertise with embedded electronics is creating compelling growth opportunities in smart closure systems that deliver consumer engagement, product authentication, supply chain tracking, and dosing accuracy enhancement. NFC-enabled beverage closures allowing consumers to scan bottles for brand content, product provenance, and loyalty rewards are gaining commercial traction with premium spirits, wine, and functional beverage brands. Connected pharmaceutical closures incorporating electronic dispensing recorders and patient adherence monitoring capabilities are demonstrating clinical outcome benefits. As NFC module costs continue declining, smart closure integration is becoming commercially viable across mid-market personal care, food, and beverage categories, unlocking substantial new revenue opportunities for innovative closure manufacturers.

#### Threat:

Tethered cap regulations and design mandate compliance costs in the European Union  
The European Union's Single-Use Plastics Directive requirement for tethered caps on beverage containers up to three liters, effective July 2024, compels significant closure redesign investment across beverage filling operations globally. While the regulation applies directly to EU markets, multinational beverage brands operating standardized global packaging formats are implementing tethered closure designs across wider market footprints, increasing capital investment requirements for tooling and equipment adaptation. The redesign process requires extensive consumer testing, filling line compatibility validation, and regulatory documentation updates.

#### Covid-19 Impact:

COVID-19 generated significant demand surges for pharmaceutical caps, hand sanitizer and disinfectant closures, and food and beverage closures as consumer stockpiling behavior drove elevated packaged goods purchasing. Supply chain disruptions temporarily constrained resin supply and injection molding capacity. Post-pandemic, pharmaceutical market growth, beverage industry volume recovery, and personal care product demand normalization have restored and exceeded pre-pandemic closure market volumes, while sustainability innovation in recyclable and bio-based closure materials has accelerated.

The Plastic Caps & Closures segment is expected to be the largest during the forecast period

The plastic caps and closures segment is expected to account for the largest market share during the forecast period. Polypropylene and polyethylene closures dominate across beverage, food, personal care, and pharmaceutical applications due to their design versatility, chemical compatibility, cost efficiency, and compatibility with high-speed filling and capping equipment. The segment's volume leadership is reinforced by the vast installed base of plastic closure-compatible filling lines across global consumer goods manufacturing.

The Smart Closures segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the smart closures incorporating RFID and NFC technologies segment is predicted to witness the highest growth rate. Increasing brand owner investment in consumer engagement, supply chain anti-counterfeiting, and pharmaceutical patient adherence monitoring is driving rapid adoption of NFC and RFID-embedded closure solutions. Declining NFC module costs and expanding consumer smartphone NFC capability are accelerating the commercial viability of smart closure applications across premium beverage, spirits, pharmaceutical, and personal care categories.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, anchored by the region's large pharmaceutical, beverage, and personal care industries with high per-capita packaged goods consumption and stringent child-resistant closure compliance requirements. Advanced injection molding capabilities, strong converter innovation capacity, and leading global closure companies headquartered in the region reinforce North America's revenue dominance.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, driven by rapidly growing pharmaceutical, beverage, personal care, and household chemical industries across China, India, and Southeast Asia. Rising consumer spending, expanding modern retail infrastructure, and strengthening

pharmaceutical packaging safety regulations are creating robust incremental closure demand, positioning Asia Pacific as the fastest-growing regional caps and closures market globally.

Key players in the market

Some of the key players in Caps & Closures Packaging Market include Amcor plc, AptarGroup, Inc., Berry Global Inc., Silgan Holdings Inc., Crown Holdings, Inc., Closure Systems International, Inc., BERICAP GmbH & Co. KG, Guala Closures S.p.A, ALPLA Group, United Caps, RPC Group plc, Reynolds Group Holdings Limited, O.Berk Company, LLC, Gerresheimer AG, and Mold-Rite Plastics LLC.

Key Developments:

In April 2026, Amcor announced that new capacity to support DecoFusion™ hybrid tube technology at its facility in Easthampton, Massachusetts, is fully commissioned and production ready. DecoFusion combines an extruded tube's seamless construction and premium feel with high-quality, photorealistic graphics to help brands achieve next-level precision decoration so their products can catch the eyes of consumers from every angle – all while including consumer-relevant sustainability attributes.

In November 2024, Amcor Plc agreed to buy U.S. peer Berry Global for \$8.43 billion in an all-stock deal, creating a consumer and healthcare packaging giant with combined revenues of \$24 billion. As part of the transaction, Berry's shareholders will receive \$73.59 per share, representing a premium of 9.75% to the stock's last close. Berry's shares were up 1% in afternoon trading.

Material Types Covered:

Plastic Caps & Closures

Metal Caps & Closures

Rubber Closures

Composite Materials

Biodegradable & Bio-based Materials

Product Types Covered:

Screw Closures

Dispensing Closures

Snap-on Closures

Cork Closures

Child-resistant Closures

Tamper-evident Closures

Spray & Aerosol Closures

#### Closure Technologies Covered:

Standard Closures

Tamper-Evident Technology

Child-Resistant Technology

Smart Closures (RFID/NFC enabled)

Reclosable Systems

#### Applications Covered:

Beverages

Food

Pharmaceuticals

Personal Care & Cosmetics

Household & Industrial Chemicals

Other Applications

**End Users Covered:**

- Food & Beverage Industry
- Pharmaceutical Industry
- Personal Care & Cosmetics Industry
- Household & Industrial Chemicals
- Agriculture & Agrochemicals

**Regions Covered:****North America**

- United States
- Canada
- Mexico

**Europe**

- United Kingdom
- Germany
- France
- Italy
- Spain
- Netherlands
- Belgium

Sweden

Switzerland

Poland

Rest of Europe

#### Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

#### South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of 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,

2032 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)

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