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Food Grade Bottles Market Forecasts to 2030 – Global Analysis By Material (Plastic, Glass, Metal and Paperboard), Closure Type (Screw Cap, Flip-Top Cap, Push-On Cap, Snap-On Cap and Crown Cap), Capacity, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Food Grade Bottles Market is accounted for $22.04 billion in 2024 and is expected to reach $28.37 billion by 2030 growing at a CAGR of 4.3% during the forecast period. Food-grade bottles are containers specifically designed and manufactured to safely store food and beverages without compromising quality or safety. The materials used to make these bottles have been approved by regulatory agencies like the FDA, guaranteeing that no dangerous chemicals will seep into the contents. Food-grade bottles, which are usually made of glass, high-density polyethylene (HDPE), and polyethylene terephthalate (PET), help, maintain the purity of the product inside by being resistant to corrosion, odours, and stains.

According to the United Nations Environment Programme (UNEP), businesses accounting for 20% of all plastic packaging produced globally have progressed towards their 2025 targets to create a circular economy for plastics.

Market Dynamics:

Driver:

Growing consumer knowledge of food safety

One of the main factors propelling the food-grade bottle market is rising consumer awareness of the significance of food safety and hygiene. Concerns over the possible

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health hazards posed by chemicals seeping into consumables from non-food-grade materials are growing among consumers. Packaging that conforms to food safety standards, such as FDA or EU regulations, is therefore in greater demand. Additionally, food-grade bottles are a popular option for both consumers and food and beverage manufacturers because they guarantee the integrity and safety of stored goods.

Restraint:

Expensive production costs

The high production costs involved in producing bottles that satisfy strict safety and quality standards are one of the main factors limiting the market for food-grade bottles. Glass, PET, HDPE, BPA-free plastics, and other food-grade materials are frequently more costly than their non-food-grade counterparts. Production costs are further increased by the specialized manufacturing procedures needed to guarantee adherence to legal requirements. Furthermore, consumers frequently bear the brunt of these increased costs, which can impede market expansion, especially in areas where consumers are price-sensitive.

Opportunity:

Growing interest in eco-friendly and sustainable packaging

The market for food-grade bottles has a big chance as environmental sustainability gains more attention worldwide. Both governments and consumers are pushing for environmentally friendly packaging options, which are driving up demand for bottles that are completely recyclable, biodegradable, and compostable. This expanding market segment can be served by businesses that invest in sustainable materials like plant-based resins and bio-based plastics. Moreover, efforts to decrease single-use plastic waste and improvements in closed-loop recycling systems are opening the door for new ideas in the production of sustainable food-grade bottles.

Threat:

Substitution using different packaging materials

The market for food-grade bottles is seriously threatened by the rising use of substitute packaging materials like metal cans, pouches, and cartons. These materials have special benefits like being lighter, less expensive, and having less of an impact on the

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environment. For instance, the beverage industry is using aseptic cartons more and more because of their capacity to preserve goods without refrigeration. Similar to this, flexible pouches are becoming more and more popular for baby food, sauces, and condiments because of their practicality and ability to save space. Additionally, the market share of food-grade bottles may be eroded by the move toward such substitutes.

Covid-19 Impact:

The COVID-19 pandemic had a mixed impact on the food-grade bottles market. On the one hand, the increased demand for packaged food, beverages, and necessities during lockdowns increased demand for food-grade bottles, especially for water, juices, and ready-to-eat products; on the other hand, the rise in e-commerce contributed to the need for safe and durable packaging. Furthermore, on the other hand, supply chain disruptions, shortages of raw materials, and manufacturing halts had a significant impact on production capabilities; the economic slowdown resulted in lower consumer spending on nonessential packaged goods, which slowed the growth of the market as a whole; and the post-pandemic shift in consumer preferences forced manufacturers to adopt eco-friendly packaging solutions.

The Screw Cap segment is expected to be the largest during the forecast period

The Screw Cap segment is expected to account for the largest market share during the forecast period. Screw caps are highly favored due to their convenience, ease of use, and resealing capability, making them ideal for a wide range of food and beverage products, including bottled water, juices, sauces, and condiments. Their extensive use is fueled by their tamper-evident and leak-proof designs, which improve product safety and shelf life. Moreover, screw caps offer manufacturers flexibility because they work with a variety of bottle materials, including PET, glass, and HDPE. Moreover, their widespread use in mass production, affordability, and consumer preference for resealable packaging options all contribute to their dominance.

The Ready-to-drink (RTD) Beverages segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the Ready-to-drink (RTD) Beverages segment is predicted to witness the highest growth rate. The quick growth of this market is a result of consumers' increasing need for portable, convenient beverage options. Consumers who are busy and health-conscious are increasingly choosing RTD beverages, such as flavored waters, energy drinks, iced teas, and functional drinks. Because they are

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portable, lightweight, and have superior barrier qualities, food-grade bottles—especially those composed of PET and HDPE—are the recommended packaging option for RTD beverages. Additionally, adoption of food-grade bottles in this market has also been fueled by the growth of e-commerce platforms and health trends like plant-based and low-sugar beverages.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share. This region's dominance is fueled by a well-established food processing industry, high consumer demand for convenience products, and high consumption of packaged foods and beverages. The market has grown as a result of North America's emphasis on sustainability and the notable shift toward reusable and recyclable food-grade bottles. The existence of significant manufacturers, sophisticated packaging techniques, and stringent food safety regulations have all contributed to this market's expansion.

Region with highest CAGR:

Over the forecast period, the Asia-Pacific (APAC) region is anticipated to exhibit the highest CAGR. The main causes of this growth are rising disposable incomes, fast urbanization, and rising demand for packaged foods and drinks. Consumer preferences are changing significantly in nations like China and India, with a move toward more convenient and healthful packaging options. Moreover, the region's need for food-grade bottles is fuelled by the growth of the food and beverage sector as well as growing consciousness of sustainability and food safety.

Key players in the market

Some of the key players in Food Grade Bottles market include Amcor plc, CCL Industries Inc., TCPL Packaging Ltd, Essel Propack Limited, Gerresheimer AG, UFlex Ltd, Ball Corporation, Plastipak Holdings, Inc., Graham Packaging Company, Silgan Holdings Inc., Ardagh Group S.A., Berry Global, Inc., Parekhplast India Limited, Becton, Dickinson and Company and Vetropack Holding AG.

Key Developments:

In November 2024, Amcor plc and Berry Global Group, Inc. announced they have entered into a definitive merger agreement, pursuant to which Amcor and Berry will

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combine in an all-stock transaction. Berry shareholders will receive a fixed exchange ratio of 7.25 Amcor shares for each Berry share held upon closing, resulting in Amcor and Berry shareholders owning approximately 63% and 37% of the combined company, respectively.

In November 2024, Berry Global Group, Inc., announced it has entered into a definitive agreement to sell its Specialty Tapes business (“Tapes”) to the private equity firm Nautic Partners, LLC (“Nautic”) for a headline purchase price of approximately $540 million, which is subject to a number of closing adjustments.

In October 2024, Graham Packaging, a global leader in the design and manufacturing of innovative and sustainable packaging solutions, announced a $35 million investment to expand and modernize its production facility in Tangipahoa Parish. The expansion will allow Graham Packaging to acquire advanced equipment, increase the skills of its existing workforce, and retain more than 100 jobs at its Hammond facility.

Materials Covered:

- Plastic
- Glass
- Metal
- Paperboard

Closure Types Covered:

- Screw Cap
- Flip-Top Cap
- Push-On Cap
- Snap-On Cap
- Crown Cap

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Capacities Covered:

- Less than 250 ml
- 251 to 500 ml
- 501 to 750 ml
- Above 750 ml

End Users Covered:

- Water
- Juices & Beverages
- Dairy Products
- Sauces & Condiments
- Ready-to-drink (RTD) Beverages
- Pharmaceutical

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany

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- UK
- Italy
- France
- Spain
- Rest of Europe

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- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

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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 2022, 2023, 2024, 2026, and 2030
- 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

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

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Competitive Benchmarking

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

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Contents

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10 KEY DEVELOPMENTS

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11 COMPANY PROFILING

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List Of Tables

LIST OF TABLES

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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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