

India Airless Packaging Market, By Material (Glass, Plastic, Aluminum), By Packaging Type (Bottles & Jars, Bags & Pouches, Tubes, Other), By Application (Personal & Home Care, Pharmaceutical, Pet Care, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F

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Abstracts

India Airless Packaging Market was reached USD 352.69 million by 2024 and is anticipated to project steady growth in the forecast period with a CAGR of 4.75% through 2030. The airless packaging market in India is experiencing a steady ascent, fueled by robust research and development initiatives and a growing demand across various sectors. This market has witnessed significant growth due to its ability to address key challenges in packaging, such as preserving product quality and sustainability.

A key driver propelling the airless packaging market's growth in India is the rising consumer awareness about the importance of product quality and sustainability. As consumers become more conscious of their environmental impact, they are increasingly seeking packaging solutions that minimize waste and optimize product usage. Airless packaging aligns well with this growing consumer preference for eco-friendly solutions, making it a compelling choice for both consumers and businesses.

Technological advancements and innovations spurred by dedicated research and development efforts have led to the production of cost-effective and high-quality airless packaging solutions. These advancements include improved barrier properties, enhanced dispensing mechanisms, and innovative designs that provide better protection for the packaged products. These developments not only cater to the

evolving needs of the market but also across various sectors, contribute various sectors, consumer awareness, and continuous technological to the overall consumer awareness, and continuous technological advancements.

Key Market Drivers

Growing Demand of Airless Packaging in Food & Beverage Industry

Airless packaging is increasingly gaining traction in the food and beverage industry due to its ability to minimize the exposure of products to air, which significantly reduces oxidation and spoilage. This feature is especially beneficial for sensitive products like sauces, dressings, juices, and dairy, where maintaining freshness is critical. By limiting air contact, airless packaging helps preserve the product's flavor, color, and nutritional value over extended periods, making it a valuable solution for both manufacturers and consumers who prioritize freshness.

In addition to enhancing product quality, airless packaging ensures that the contents remain sealed from external contaminants, offering a robust barrier against light, moisture, and temperature fluctuations. This sealed environment helps maintain the integrity of the product, from production through to consumption, ensuring that it reaches consumers in optimal condition. This is particularly crucial for premium or perishable items that require stringent preservation methods. The reduced air exposure afforded by airless packaging also enables manufacturers to decrease or even eliminate the need for preservatives, which aligns with the growing consumer preference for cleaner, more natural products. With consumers increasingly seeking foods with fewer additives and chemicals, airless packaging provides a way to meet this demand without compromising product quality.

Airless packaging enhances convenience for consumers. Products such as ketchup, mayonnaise, yogurt, and creams are easier to dispense without the need for shaking, squeezing, or spooning. This ease of use appeals to busy consumers who prioritize practicality and portion control, making it an attractive option in the competitive food and beverage market. Sustainability is another key driver of the demand for airless packaging. As environmental concerns grow, the food industry is increasingly looking for ways to reduce waste, and airless packaging contributes by minimizing the use of large containers and reducing plastic waste. Many airless packaging solutions are designed to be recyclable or reusable, which adds to their environmental appeal and aligns with consumer expectations for sustainable products.

Airless packaging also helps elevate the perceived value of products. By preserving freshness and extending shelf life, this packaging type enhances the premium appeal of food and beverage items. Consumers are often willing to pay a premium for products that offer longer shelf life, higher quality, and superior freshness, making airless packaging a desirable choice for brands seeking to differentiate themselves in the market. The growing demand for organic and natural foods has further fueled the adoption of airless packaging. These products, which often lack artificial preservatives, require more careful handling to maintain their freshness and quality. Airless packaging, by providing a sealed environment, helps preserve these products for longer periods without the need for additional preservatives, supporting the trend towards cleaner, more natural offerings. Airless packaging serves as a key differentiator for brands. By ensuring ease of use, hygiene, and product integrity, it enhances the overall consumer experience and helps brands stand out in a crowded and competitive marketplace. As consumers become more discerning, the ability to offer a high-quality, convenient, and sustainable product will continue to drive the demand for airless packaging in the food and beverage sector.

Growing Demand of Airless Packaging in Healthcare Industry

The healthcare industry is experiencing a notable surge in demand for airless packaging, driven by its ability to meet critical requirements for product safety, preservation, and convenience. This innovative solution is becoming an essential choice across pharmaceutical and personal care segments due to its effectiveness in maintaining product integrity, minimizing contamination risks, and delivering precise dosage. Airless packaging is revolutionizing the preservation of pharmaceutical products and healthcare formulations, particularly those containing sensitive active ingredients. Medications, topical creams, and serums are prone to degradation from exposure to air, moisture, or light. By creating a vacuum-sealed environment, airless packaging significantly reduces oxidation, ensuring the product's efficacy and safety are preserved over an extended shelf life. This technology is especially critical for biologics, cosmeceuticals, and high-value medications that demand stringent storage conditions. Hygiene and sterility are non-negotiable in healthcare. Airless packaging addresses this by completely isolating the product from direct air exposure, effectively preventing microbial contamination during usage. Products such as lotions, ointments, and liquid formulations benefit from this advanced protection, maintaining their purity and integrity. This feature makes airless packaging an ideal choice for high-risk healthcare applications, ensuring that both patients and healthcare professionals can rely on uncontaminated, high-quality products.

Precision in dosing is a cornerstone of healthcare product design, and airless packaging excels in this regard. Its engineering ensures consistent, measured dispensing with every use, making it invaluable for topical treatments, injectable formulations, and specialized medical ointments. By offering accurate dosage, airless packaging enhances patient adherence to prescribed treatments, reduces product wastage, and fosters greater trust in the reliability of the product. One of the standout advantages of airless packaging is its ability to extend the shelf life of healthcare products. By preventing air infiltration, it ensures that even products with fragile active ingredients remain stable and effective long after opening. This extended shelf life not only safeguards consumer safety but also reduces returns and wastage, offering tangible cost savings to both manufacturers and end-users. The ergonomic design of airless packaging, including pump dispensers and push mechanisms, makes it easy for patients to use, particularly those with limited dexterity or mobility challenges. The leak-proof and portable nature of these systems further enhances convenience for both patients and healthcare providers, providing an added layer of functionality and practicality. As the demand for clean-label products with fewer additives and preservatives rises, airless packaging offers a strategic advantage. Its ability to preserve product integrity without heavy reliance on chemical preservatives aligns perfectly with consumer preferences for natural and organic healthcare solutions, making it a preferred choice for both manufacturers and consumers.

Airless packaging is designed to meet the rigorous regulatory standards governing healthcare products. Its ability to maintain product stability, prevent contamination, and facilitate precise labeling ensures compliance with international safety and efficacy requirements. This makes it an indispensable tool for healthcare manufacturers looking to navigate stringent regulatory landscapes effectively. With growing emphasis on sustainability in the healthcare sector, airless packaging provides a compelling solution. Its ability to evacuate products completely from containers minimizes wastage, while designs incorporating recyclable or eco-friendly materials align with environmental goals. This dual benefit of reducing waste and enhancing recyclability makes airless packaging a sustainable choice for forward-thinking manufacturers. Airless packaging is increasingly associated with high-end, innovative healthcare products, giving brands a competitive edge in the marketplace. The sleek, modern aesthetics of airless containers not only enhance product presentation but also elevate consumer perception of quality, allowing brands to position themselves as leaders in innovation and excellence. Airless packaging is transforming the healthcare industry by addressing critical challenges and unlocking new opportunities for innovation, sustainability, and consumer satisfaction. Its multifaceted benefits make it a pivotal component of modern healthcare packaging strategies.

Key Market Challenges

Rise in Cost Considerations

Airless packaging, with its advanced technology and high-quality materials, is undoubtedly more expensive than traditional packaging methods. This cost is often passed on to consumers, resulting in increased prices for the packaged products. For businesses and consumers, this price increase can be a significant deterrent.

One contributing factor to the rising costs of airless packaging is the fluctuating prices of raw materials, such as plastic and metal, used in its production. These fluctuations can have a substantial impact on overall production costs, making airless packaging less affordable for many manufacturers.

The complex production process of airless packaging requires specialized machinery and skilled labor. Additionally, maintaining the operational efficiency of these machines incurs additional costs. These factors collectively contribute to the overall high cost of airless packaging.

It is important to note that the packaging industry is highly competitive, often operating on thin profit margins. With the added cost of airless packaging, many companies find it challenging to maintain profitability without significantly increasing their product prices.

In conclusion, while the demand for airless packaging in India continues to grow, the rising cost considerations pose a significant challenge. To overcome this challenge, manufacturers need to invest in research and development to devise cost-effective production methods. Moreover, initiatives to stabilize raw material prices can also play a pivotal role in addressing this issue. Despite these challenges, the airless packaging market in India holds immense potential, given its numerous advantages over traditional packaging methods.

Key Market Trends

Growing Demand of Sustainability and Eco-Friendly Packaging

Airless packaging is a revolutionary solution designed to address the pressing need for sustainable and eco-friendly packaging practices. By utilizing fewer resources and generating less waste, airless packaging maximizes product usage and minimizes

environmental impact. This innovative packaging design eliminates air ingress, effectively extending the shelf life of products and reducing waste caused by spoilage.

Airless packaging empowers consumers to utilize almost every bit of the product inside, ensuring minimal wastage and enhancing the overall user experience. With increasing consumer awareness about environmental issues, there is a growing demand for packaging that aligns with sustainable values. Today's conscientious consumers actively seek out products that are packaged using eco-friendly materials and methods.

This shift in consumer preference towards sustainability is driving significant changes in packaging trends across various industries, including food, beverage, healthcare, and cosmetics. Companies are adopting eco-friendly packaging practices to cater to the evolving needs of environmentally conscious consumers. Moreover, government regulations and initiatives are playing a crucial role in promoting sustainability in packaging. Stringent regulations on packaging waste and encouragement of eco-friendly alternatives are pushing industries towards adopting more sustainable practices.

In India's airless packaging market, the demand for sustainability and eco-friendly packaging is experiencing remarkable growth. The combined influence of heightened consumer awareness, regulatory support, and technological advancements is fueling this trend. As a result, airless packaging is poised to play an increasingly important role in India's packaging industry, revolutionizing the way products are packaged and consumed.

In conclusion, the adoption of airless packaging is a significant and transformative trend in India's packaging market. With its ability to reduce waste, extend product shelf life, and meet the demands of environmentally conscious consumers, airless packaging is set to shape the future of sustainable packaging practices in the country.

Segmental Insights

Material Insights

Based on the category of material, the plastic segment emerged as the dominant segment in the Indian market for Airless Packaging in 2024. Various types of plastic resins, such as PE, PET, ABS, PMMA, and SAN, are widely utilized for manufacturing plastic-based airless bottles, jars, and tubes. Plastic, known for its lightweight nature, ease of molding, and cost-effectiveness compared to metal and glass, has become the

preferred choice for end-user companies in the packaging industry. In particular, acrylic plastic, also known as PMMA, offers a glass-like appearance while being unbreakable, making it an ideal alternative for manufacturing airless packaging products.

Moreover, plastics like PP exhibit remarkable inertness towards acids, alkalis, and most solvents, ensuring the purity and integrity of the formulation packed inside PP airless containers. The increasing demand for convenience, lightweight, and travel-friendly packaging from the cosmetics and pharmaceutical industries is expected to further drive the growth of the plastic material segment in the foreseeable future.

Regional Insights

West India emerged as the dominant region in the India Airless Packaging Market in 2024, holding the largest market share in terms of value. West India, a vibrant region with a rich industrial landscape, is home to several prominent industries, including pharmaceuticals, cosmetics, and food and beverages. These industries rely heavily on the utilization of airless packaging solutions, which have become a cornerstone of their operations. The presence of these industries, along with their increasing demand for airless packaging, has created a thriving market for such solutions in the region.

For instance, the pharmaceutical industry in West India greatly depends on airless packaging to ensure the potency and extended shelf-life of its products. This innovative packaging method provides a protective barrier against external contaminants, preserving the quality and efficacy of pharmaceutical formulations.

Moreover, the region boasts a vast and discerning consumer base that places a high emphasis on product quality and sustainability. Consumers in West India are becoming increasingly conscious of their environmental footprint and actively seek out eco-friendly alternatives. This growing awareness has led to a surge in demand for sustainable packaging options like airless packaging, which aligns perfectly with their desire for environmentally responsible choices.

With the perfect blend of thriving industries, growing consumer awareness, and the need for sustainable solutions, West India continues to be a hotbed for the adoption and advancement of airless packaging technologies.

Key Market Players

ABC Packaging Ltd.

Aptar Pharma (India) Pvt. Ltd.

Fusion Packaging

Albea Betts India Pvt. Ltd.

Silgan Dispensing Systems India Private Limited

Report Scope:

In this report, the India Airless Packaging Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Airless Packaging Market, By Material:

Plastic

Glass

Aluminum

India Airless Packaging Market, By Packaging Type:

Bags & Pouches

Bottles & Jars

Tubes

Others

India Airless Packaging Market, By Application:

Personal & Healthcare

Pharmaceutical

Pet Care

Others

India Airless Packaging Market, By Region:

North India

East India

West India

South India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Airless Packaging Market.

Available Customizations:

India Airless Packaging Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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