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Barrier Films Market to Exceed USD 53.80 Billion by 2032 with Increasing Packaging Applications

Technological advancements and sustainability trends drive Barrier Films Market growth, with rising demand in food, healthcare, and electronics sectors.

Barrier Films Market

AUSTIN, TX, UNITED STATES, February 25, 2025 /EINPresswire.com/ -- The Barrier Films Market Size was valued at 35.38 Billion in 2023 and is expected to reach USD 53.80 Billion by 2032, growing at a CAGR of 4.77% over the forecast period of 2024-2032.

Barrier films are materials that are designed to prevent the transmission of external influences into packaging. Growing consumption of packaged food and beverages as well as preserving the integrity of pharmaceutical products has bolstered the uptake of barrier films. With the evolution of technology, the high-performance barrier is developed for the packaging films which provide enhanced protection while being eco-friendly. For instance, in March 2024, Toppan and Toppan Specialty Films (TSF) launched a new barrier film called GL-SP, which uses a biaxially oriented polypropylene (BOPP) substrate to strengthen its GL Barrier series. Moreover, the growing concern among consumers about environmental issues has led many manufacturers to develop more environmentally effective barrier films, including recyclable and biodegradable alternatives, to comply with the regulatory scenario and buyer preference. This trend will likely continue in the future and fuel market growth during the forecast period.

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Key Players:

• Amcor Plc (AmLite, Ultra Pouch, Formpack)
• Berry Global Inc. (ClearSeal Barrier Films, Optym™ Pure, NorDiVent FFS Film)
• Cosmo Films Ltd. (Barrier Metalized BOPP Film, High Barrier Transparent Film, Heat Resistant

Barrier Film)
• Dow Chemical Company (INNATE Precision Packaging Resins, SURLYN Ionomers, ELITE Polyethylene Resins)
• DuPont Teijin Films (Melinex Polyester Films, Mylar Polyester Films, Cronar Polyester Films)
• Evonik Industries AG (VESTOPLAST Amorphous Polyalphaolefins, VESTAMID Polyamide Resins, VISIOMER Methacrylate Monomers)
• ExxonMobil (Vistamaxx Performance Polymers, Enable Performance PE Polymers, Exceed XP Performance Polymers)
• Flair Flexible Packaging Corporation (CLEAR-TITE High Barrier Films, INNOVAC Foil Replacement Films, ENVi Recyclable Films)
• HPM Global Inc. (High Barrier Retort Films, Vacuum Skin Packaging Films, Anti-Fog Lidding Films)
• INEOS Group Limited (SURLYN Ionomers, BAREX Polyacrylonitrile Resins, ELITE Enhanced Polyethylene)
• Jindal Poly Films Ltd. (BOPP Barrier Films, Metalized Polyester Films, Coated Films)
• Mondi Plc (BarrierPack Recyclable, FunctionalBarrier Paper, PerFORMing Paper-Based Trays)
• PJSC Nizhnekamskneftekhim (Polyethylene Films, Polypropylene Films, Polystyrene Films)
• Qatar Chemical Company (QAPCO LDPE Barrier Films, Q-Chem HDPE Films, Qatofin LLDPE Films)
• Royal Dutch Shell (Carilon Polyketone Films, Kraton Polymers, High-Performance Polyethylene Films)
• SABIC (LLDPE Barrier Films, BOPP Films, Polyamide Films)
• Sasol Limited (Low-Density Polyethylene Films, Linear Low-Density Polyethylene Films, High-Density Polyethylene Films)
• Sealed Air Corporation (Cryovac Barrier Films, OptiDure High-Performance Films, Darfresh Vacuum Skin Packaging Films)
• Toppan Inc. (GL Barrier Films, Toppan TLB Barrier Films, Transparent Barrier Films)
• Chevron Phillips Chemical Company (Marlex Polyethylene Films, MarFlex Polypropylene Films, High-Density Polyethylene Barrier Films)

By Type, Metalized Barrier Films dominated the Barrier Films market, holding a market share of 45%.

This is attributable to their outstanding barrier properties against moisture and oxygen, enabling food and pharmaceutical packaging on a larger scale. For example, the snack food and confectionery sectors primarily use metalized films in food packaging, as they help retain food freshness and have a longer shelf life. The reflective quality of sputtered films also provides some protection, a vital property for UV-sensitive products. Along with functionality and cost efficiency, this has established metalized films as a preferred option among manufacturers.

By Technology, Blown Film Technology Segment Dominated, Accounting for 55% Share in 2023

By adjusting crystallization and particle content, this method can produce films of consistent thickness and high mechanical properties for numerous applications. The packaging solutions created using blown films are versatile and cost-effective which is the reason why the industry prefers them. The blending of materials to create films with customized barrier properties only adds to their marketability.

By End-Use Industry, Food & Beverage industry dominated the Barrier Films Market In 2023, Accounting for About 47.3% Of the Market Share.

The demand to maintain product quality and enhance shelf life has increased the use of barrier films in this sector. Barrier films that provide a protective environment and minimize contamination and spoilage are ideal for products such as prepared foods, dairy products, and drinks. This growing trend of usage of barriers in food & beverage packaging can be attributed to the increasing need for safe and effective packaging solutions.

Asia Pacific Dominated the Barrier Films Market In 2023, Holding A 35% Market Share.

Rapidly growing population and increasing disposable income are contributing to the rising demand for packaged food and pharmaceutical products in the region, driving the need for advanced packaging solutions. Rapid industrialization in countries such as China and India is resulting in a rise in barrier films production and consumption. Additionally, the growing sector of retail and e-commerce in this region is also significantly driving the demand for suitable packaging materials that can ensure the product remains secure and unaffected during distribution as well as storage.

North America Emerged as The Fastest-Growing Region in The Barrier Films Market, With A Significant CAGR During the Forecast Period.

A key driver propelling the growth of the region is the emphasis placement by the region on sustainability and rigorous regulatory standards that has driven an evolution towards new, environmentally-friendly barrier film solutions. Hence, the expansion of the market is due to the presence of significant industry players investing in research and development. The rising demand for efficient and durable packaging in the food and pharmaceutical industries is also contributing to the adoption of advanced barrier films across North America.

Recent Developments

• January 2025: Jindal Films installed a high-barrier metallizer in Italy to enhance production for high-performance packaging solutions in line with European market demand.
• April 2024: Inteplast Group has introduced VerdaFresh, eco-friendly barrier film line for food, designed to improve recyclability and aid in sustainability initiatives.

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Jagney Dave
SNS Insider Pvt. Ltd
+1 315 636 4242
email us here
Visit us on social media:
Facebook
X
LinkedIn
Instagram
