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Multi Layer Blown Films Market Forecasts to 2034 – Global Analysis By Product Type (Bags, Lids, Pouches, Wraps and Other Product Types), Layer Type (2-Layers, 3-Layer, 5-Layer, 7-Layer, 9-Layer, 11-Layer and Other Layer Types), Material Type, Film Type, Manufacturing Process, Application, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Multi Layer Blown Films Market is accounted for $9.6 billion in 2026 and is expected to reach $16.7 billion by 2034 growing at a CAGR of 7.2% during the forecast period. Multilayer blown films are multilayer films of two or more polymers which are formed by the coextrusion process. This process involves melting plastic resin and then blowing it into a bubble through a circular die. The bubble is then collapsed and flattened to form a film. These films find applications in various industries, including food packaging, pharmaceuticals, agriculture, and industrial packaging. The ability to control barrier properties makes these films suitable for packaging perishable goods, protecting against external elements, and ensuring product freshness.

Market Dynamics:

Driver:

Rising demand for efficient packaging solutions

As consumer lifestyles evolve and e-commerce expands, the need for packaging that ensures product protection, shelf life extension, and logistical efficiency becomes

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paramount. Multi-layer blown films offer versatile solutions with customisable properties, including barrier performance, strength, and flexibility. These films cater to diverse industry needs, from food and pharmaceuticals to industrial applications. Furthermore, multi-layer structures can include high-barrier materials like ethylene vinyl alcohol (EVOH) to prevent the permeation of gases. This versatility makes these films suitable for packaging products with varying sensitivity to environmental factors, enhancing their market appeal.

Restraint:

Fluctuations in the prices of raw materials

Multi-layer blow film production relies on different polymer materials, including polyethylene, polypropylene, and specialty polymers. Fluctuations in the prices of these raw materials directly impact production costs, as they constitute a substantial portion of the overall expenses. Also, manufacturers may be hesitant to pass on increased raw material costs to customers in order to remain competitive. This could result in reduced profit margins and financial strain on multi-layer blow film producers, especially in price-sensitive industries.

Opportunity:

Advancements in material and processing technologies

Innovations in materials, such as the development of new polymer blends and additives, contribute to improved barrier properties, mechanical strength, clarity, and sustainability of multilayer blown films. Additionally, advancements in processing technologies allow for precise control over film thickness, layer distribution, and production efficiency, enabling manufacturers to meet diverse customer requirements and address evolving market needs. These advancements enhance the competitiveness and value proposition of multi-layer blown films, positioning them as versatile and innovative packaging solutions in various industries.

Threat:

Technological disruptions

Technological disruptions pose a threat to the multi-layer blow film market by introducing alternative packaging solutions with superior properties or functionalities.

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Advancements in 3D printing, digital printing, and novel packaging technologies may offer innovative alternatives that challenge the relevance and competitiveness of traditional MLBF. Also, technological disruptions may lead to shifts in industry standards, consumer preferences, or regulatory requirements, further impacting the market position.

Covid-19 Impact

The COVID-19 pandemic disrupted the multi-layer blown film market with supply chain interruptions, fluctuating demand, and operational challenges. Lockdowns and economic uncertainties led to shifts in consumer behaviour, emphasising hygiene and safety in packaging. However, the e-commerce boom and sustainability trends accelerated, influencing demand for specific film types. While some sectors, like food and healthcare, saw increased demand, others faced declines. The pandemic underscored the need for resilient supply chains and adaptable manufacturing processes in the multi-layer blown film industry.

The polyvinyl chloride segment is expected to be the largest during the forecast period

The polyvinyl chloride segment is estimated to hold the largest share. PVC is a polymer layer that is frequently utilised in film manufacture, providing packaging flexibility and durability. Its benefits include a broad sealing temperature range, chemical resistance, and outstanding clarity. PVC layers improve barrier qualities, offering defence against gases and moisture. Moreover, it is widely used in industrial, medicinal, and food packaging applications. It enhances the overall functionality and performance of multi-layer blown films.

The co-extrusion lamination segment is expected to have the highest CAGR during the forecast period

The co-extrusion lamination segment is anticipated to have lucrative growth during the forecast period. Co-extrusion lamination is widely employed in flexible packaging for food, pharmaceuticals, and industrial applications. The technique allows for precise control over layer thickness and composition, enabling manufacturers to tailor films to meet diverse packaging requirements. Furthermore, its versatility and ability to create high-performance films make co-extrusion lamination integral to the evolving multi-layer blown film market.

Region with largest share:

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Asia Pacific commanded the largest market share during the extrapolated period due to increasing industrialization, urbanization, and a rising demand for packaged goods. China, in particular, has been a key player in both production and consumption. The region has seen advancements in extrusion and co-extrusion technologies, enabling manufacturers to produce high-performance multi-layer films with specific properties tailored to diverse applications.

Region with highest CAGR:

North America is expected to witness profitable growth over the projection period. The United States, being a major industrial and consumer goods market, is a key player in the North American region for multi-layer blown films. The region has been at the forefront of adopting advanced manufacturing technologies and materials in the packaging industry. North America engages in both domestic and international trade of multi-layer blown films. The region exports and imports these films, contributing to the overall dynamics of the global market.

Key players in the market

Some of the key players in the Multi Layer Blown Films Market include Ultimate Flexipack Limited, Girish Polychem Industries, Charter Next Generation, Hosokawa Alpine AG, Borealis AG, Sigma Plastics Group, Balcan Plastic, Berry Global Inc, Scientex Berhad, Coveris, Loparex, WINPAK LTD., RKW Group, ProAmpac, KOROZO Ambalaj San.Ve Tic. A.S, Siva Group, Reifenhauser, The10company and Next Generation Film Inc.

Key Developments:

In November 2023, Berry Global has launched a new version of its Omni® Xtra polyethylene cling film for fresh food applications, which provides a high-performance alternative to traditional polyvinyl chloride (PVC) cling films.

In April 2023, Berry Global Group, Inc., a leader in the design, development, and production of innovative, sustainable stretch films has begun expanding one of its leading stretch film manufacturing facilities in Lewisburg, Tennessee.

Product Types Covered:

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Bags

Lids

Pouches

Wraps

Other Product Types

Layer Types Covered:

2-Layers

3-Layer

5-Layer

7-Layer

9-Layer

11-Layer

Other Layer Types

Material Types Covered:

Ethylene Vinyl Acetate (EVA)

Polyethylene (PE)

Polypropylene (PP)

Polyamide

Ethyl Vinyl Alcohol (EVOH)

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- Polyvinyl Chloride
- Nylon
- Polystyrene
- Other Material Types

Film Types Covered:

- Shrink Film
- Stretch Film
- Specialty Film

Manufacturing Process Covered:

- Blown Film Extrusion
- Cast Film Extrusion
- Co-Extrusion Lamination
- Co-Extrusion Coating

Applications Covered:

- Industrial Films and Bags
- Barrier Films
- Lamination Films
- Converter-Grade Films

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- Packaging Films
- Printing Films
- Can Liners

End Users Covered:

- Electronics
- Food and Beverages
- Textiles
- Pharmaceuticals
- Agriculture
- Consumer Goods
- Other End Users

Regions Covered:

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

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- 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

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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, 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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Competitive Benchmarking

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

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Contents

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13 KEY DEVELOPMENTS

14 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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