

Disappearing Packaging Market Forecasts to 2034 – Global Analysis By Raw Material (Fibers, Polymers and Other Raw Materials), End User (Polycarbonate, Polyethylene and Other End Users) and By Geography

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Abstracts

According to Statistics MRC, the Global Disappearing Packaging Market is accounted for \$5.51 billion in 2026 and is expected to reach \$14.96 billion by 2034 growing at a CAGR of 13.2% during the forecast period. The primary goal of disappearing packaging is to minimize environmental impact by utilizing materials that are easily biodegradable, compostable, or recyclable. The market encourages the adoption of recyclable materials, fostering a circular economy where packaging can be reused and repurposed. Additionally, by promoting responsible and environmentally conscious packaging practices, this market plays a pivotal role in raising awareness about the environmental consequences of traditional packaging materials.

Market Dynamics:

Driver:

Corporate sustainability goals

In response to global environmental concerns, companies are integrating sustainability into their core strategies, recognizing the importance of minimizing their ecological footprint. Embracing disappearing packaging aligns with these goals, as it involves the use of materials that are biodegradable, compostable, or recyclable, contributing to a reduction in plastic pollution and environmental impact. Moreover, by adopting disappearing packaging, companies not only address consumer expectations for environmentally responsible products but also enhance their brand image and

reputation.

Restraint:

Cost concerns

While disappearing packaging materials are environmentally friendly, they can often be more expensive than conventional alternatives. The production processes, sourcing of eco-friendly materials, and adherence to stringent quality standards contribute to higher manufacturing costs. For businesses operating on tight budgets, the initial investment and ongoing expenses associated with transitioning to disappearing packaging may be perceived as prohibitive. This financial consideration can hinder widespread adoption, particularly among smaller enterprises.

Opportunity:

Technological advancements

Ongoing innovations in materials science, packaging technologies, and manufacturing processes enable the development of sustainable alternatives to traditional packaging. Researchers and industry experts are continually exploring new materials that are biodegradable, compostable, and environmentally friendly. Advancements in processing techniques facilitate the mass production of these materials, making them more accessible and cost-effective for businesses. Additionally, technology contributes to the improvement of packaging design, ensuring that disappearing packaging solutions meet the necessary durability and functionality standards.

Threat:

Lack of awareness

Many individuals remain unfamiliar with the concept of disappearing packaging and its environmental benefits. Limited awareness regarding the existence, advantages, and proper disposal methods of eco-friendly packaging hinders consumer demand. Businesses may hesitate to invest in disappearing packaging solutions without a well-informed consumer base. However, the success of sustainable packaging initiatives relies heavily on consumer education and understanding.

Covid-19 Impact:

While heightened concerns for health and safety led to an increased demand for single-use packaging, the pandemic also underscored the environmental repercussions of such materials. The surge in e-commerce and takeout services during lockdowns amplified the use of disposable packaging, emphasizing the need for sustainable alternatives. Lockdowns, restrictions, and disruptions in transportation and logistics globally affected the production and distribution of packaging materials. Supply chain interruptions impacted the availability of raw materials for eco-friendly packaging, causing delays and increased costs.

The fibers segment is expected to be the largest during the forecast period

Fibers segment is expected to be the largest during the forecast period due to its eco-friendly and biodegradable properties. As an alternative to traditional packaging materials, fiber-based solutions, often derived from sources like paper, cardboard, or plant-based materials, have gained popularity for their sustainability and ease of decomposition. The emphasis on reducing plastic waste and adopting more environmentally friendly practices has propelled the demand for fiber-based disappearing packaging. Moreover, manufacturers are increasingly incorporating innovative fiber technologies, such as molded pulp and cellulose-based materials, to create robust yet compostable packaging solutions.

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

Due to its unique combination of strength, transparency and recyclability, polycarbonate segment is expected to have the highest CAGR during the forecast period.

Polycarbonate, a durable and lightweight thermoplastic, is increasingly being employed in the production of disappearing packaging solutions, which are designed to minimize environmental impact by dissolving, disintegrating, or becoming biodegradable after use. Moreover, the recyclability of polycarbonate aligns with the growing consumer demand for sustainable packaging options.

Region with largest share:

North America region commanded the largest market share throughout the projection period. Consumers' heightened consciousness regarding sustainability has led to a surge in demand for eco-friendly packaging solutions. North American companies are actively adopting disappearing packaging technologies, with a focus on reducing their

carbon footprint and contributing to waste reduction initiatives. Additionally, regulatory bodies in the region are promoting sustainable practices through stringent guidelines and incentives, further propelling the adoption of disappearing packaging solutions.

Region with highest CAGR:

Over the extended period, the Europe region is expected to experience profitable growth due to early advancements in technology and strong investment in environmentally friendly products. Stringent measures such as extended producer responsibility (EPR) regulations and plastic waste reduction targets have compelled businesses to explore disappearing packaging alternatives that align with circular economy principles. European consumers and businesses are increasingly adopting traditional packaging, such as biodegradable materials, edible packaging, and water-soluble films. These elements are enhancing the regional growth.

Key players in the market

Some of the key players in Disappearing Packaging market include Lithey Inc, Kuraray Co. Ltd, Aicello Corporation, Sekisui Chemicals, Aquapak Polymer Ltd, Mondi Group, Mitsubishi Chemical Holdings, Cortec Corporation and JRF Technology LLC.

Key Developments:

In April 2023, Kuraray Co., Ltd. is partnering with PTT Global Chemical Public Company Limited (GC) and Sumitomo Corporation to open a manufacturing plant under the name of Kuraray GC Advanced Materials Co., Ltd. and Kuraray Advanced Chemicals (Thailand) Limited. This manufacturing plant is designed to upgrade and develop competitiveness in the Eastern Economic Corridor (EEC) region.

In October 2022, The collaboration between Total Energies, W&H, and Mitsubishi Chemical Group produced high-barrier recyclable packaging that helped increase the circular flow of materials. To replace multilateral structures, the partners have created totally recyclable high-barrier packaging.

Raw Materials Covered:

Fibers

Polymers

Other Raw Materials

End Users Covered:

Polycarbonate

Polyethylene

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

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

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments

Disappearing Packaging Market Forecasts to 2034 – Global Analysis By Raw Material (Fibers, Polymers and Other...

- 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)

Competitive Benchmarking

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

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