

Compostable Adhesive Tapes Market to Reach USD 2.67 Bn by 2035, Driven by Biodegradable Packaging Innovation

Prominent players in the market are Greendot Biopak Pvt. Ltd., Taghleef Industries, Ajit Industries, Shandong Chengrui Packaging, and others.

ROCKVILLE, MD, UNITED STATES, November 4, 2025 /EINPresswire.com/ -- The global [compostable adhesive tapes market](#) is witnessing rapid expansion as industries and consumers increasingly shift toward sustainable and eco-friendly packaging materials. Valued at USD 1,322 million in 2025, the market is projected to reach USD 2,674 million by 2035, advancing at a CAGR of 7.3% during the forecast period from 2025 to 2035.

The demand for compostable adhesive tapes is surging across multiple industries—including food & beverages, logistics, e-commerce, and consumer goods—driven by global efforts to minimize plastic waste and transition to biodegradable alternatives. These tapes are designed to maintain strong adhesion while decomposing naturally without leaving harmful residues, making them a crucial component in the circular economy.

Market Drivers: Circular Economy, Biodegradable Materials, and Regulatory Push

Growing Shift Toward Sustainable Packaging

As environmental concerns and plastic waste reduction initiatives gain momentum, industries are embracing compostable packaging solutions. Compostable adhesive tapes, made from bio-based materials such as PLA (polylactic acid), cellulose, and natural rubber, offer a sustainable



alternative to conventional plastic-based tapes. The growing adoption of these tapes aligns with corporate sustainability goals and evolving environmental regulations worldwide.

Advances in Bio-based Adhesive Technologies

Continuous innovation in bio-based polymer chemistry and adhesive formulations is improving the performance, durability, and shelf life of compostable tapes. These technological advancements are enabling compatibility with various packaging materials, from corrugated boxes to flexible films, without compromising adhesion or tensile strength. Enhanced moisture resistance and printability further expand their industrial usability.

Regulatory Support and Corporate Commitments

Global regulatory frameworks supporting compostable and biodegradable materials are catalyzing market growth. Policies banning single-use plastics and promoting extended producer responsibility (EPR) are compelling manufacturers and brand owners to invest in sustainable adhesive solutions. Additionally, multinational corporations are committing to 100% recyclable or compostable packaging targets, further fueling adoption.

Competitive Landscape:

The compostable adhesive tapes market is competitive, featuring both established adhesive manufacturers and new sustainability-focused entrants. Companies are emphasizing product innovation, certification compliance, and partnerships with packaging producers to expand market presence.

Key players include:

Greendot Biopak Pvt. Ltd.
Taghleef Industries
Ajit Industries
Shandong Chengrui Packaging
Naikos Adhesive Tapes
Others

These companies are investing in advanced compostable adhesive technologies, expanding product portfolios, and securing certifications such as EN 13432 and ASTM D6400 to validate compostability. Strategic collaborations and regional expansions are common strategies to meet rising demand in Europe, Asia-Pacific, and North America.

Recent Developments:

October 2025 – KM Packaging Launches Compostable Product Range:

Global flexible packaging and lidding films supplier KM Packaging introduced its C-Range of bio-plastic packaging materials, which includes shrink wrap, stretch wrap, adhesive tape, nets, and bags, expanding its sustainable product lineup.

July 2025 – Tex Year Establishes Asia’s First Compostable Hot Melt Adhesive Line:
Tex Year inaugurated Asia’s first “Compostable Hot Melt Adhesive Dedicated Production Line”, reinforcing its position as a leader in sustainable material innovation and production capacity for compostable adhesives.

Market Segmentation

The compostable adhesive tapes market can be segmented by material type, end-use industry, adhesive technology, distribution channel, and region.

By Material Type: Cellulose, PLA, Paper-Based, Others

By Adhesive Technology: Natural Rubber, Bio-based Acrylic, Hot Melt Adhesive

By End-use Industry: Food & Beverage, Logistics, Consumer Goods, Healthcare, E-commerce, Others

By Distribution Channel: Offline Retail, Online Platforms

By Region: North America, Latin America, Europe, East Asia, South Asia & Pacific, Middle East & Africa

Europe dominates the market due to stringent environmental regulations and strong sustainability commitments, while Asia-Pacific is expected to be the fastest-growing region owing to increasing packaging production and supportive government policies for green materials.

Future Outlook: Toward Fully Compostable Packaging Ecosystems

Over the next decade, compostable adhesive tapes are set to play a pivotal role in building fully compostable packaging ecosystems. Emerging innovations will focus on:

Enhanced Adhesion and Barrier Properties for industrial and cold-chain applications.

Integration with Smart Labels and Biodegradable Inks for traceability and brand identity.

Expansion in E-commerce and Logistics Packaging, ensuring sustainability in large-scale distribution.

Global Certification and Standardization to streamline cross-border trade of eco-packaging products.

By 2035, compostable adhesive tapes will become an integral part of sustainable packaging design, supporting global decarbonization and waste reduction goals.

Request for Discount: https://www.factmr.com/connectus/sample?flag=S&rep_id=11267

Buy Now at USD 2900: <https://www.factmr.com/checkout/11267>

Check out More Related Studies Published by Fact.MR Research:

Printed Tapes Market Outlook (2025 to 2035) - <https://www.factmr.com/report/printed-tapes-market>

Packaging Adhesives Market Size and Share Forecast Outlook 2025 to 2035 - <https://www.factmr.com/report/packaging-adhesives-market>

Surface Protection Tapes Market - <https://www.factmr.com/report/surface-protection-tapes-market>

Instant Adhesives Market Outlook (2025 to 2035) - <https://www.factmr.com/report/instant-adhesives-market>

Editor's Note

Fact.MR is a leading global market research and consulting firm, providing actionable insights across diverse industries. Our research on the Compostable Adhesive Tapes Market integrates technology assessment, sustainability trends, and regional market analysis. As industries move toward greener materials, Fact.MR continues to deliver strategic intelligence that helps businesses navigate opportunities and challenges in the fast-evolving world of sustainable packaging.

S. N. Jha

Fact.MR

+1 628-251-1583

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/864141102>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.