

Polyester Hot Melt Adhesives Market Forecasts to 2030 – Global Analysis By Type (Ethylene-Vinyl Acetate (EVA), Polyolefin, Polyurethane, Polyamide and Other Types), Form, Technology, Application, End User and By Geography

<https://marketpublishers.com/r/PB254754BB4DEN.html>

Date: February 2025

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: PB254754BB4DEN

Abstracts

According to Statistics MRC, the Global Polyester Hot Melt Adhesives Market is accounted for \$9.78 billion in 2024 and is expected to reach \$12.51 billion by 2030 growing at a CAGR of 4.9% during the forecast period. Polyester Hot Melt Adhesives are thermoplastic adhesives made from polyester resins that are applied in a molten state. These adhesives bond materials when cooled and solidified, offering excellent adhesion to a variety of substrates like plastics, metals, and wood. They are known for their fast-setting properties, high bonding strength, and resistance to heat, moisture, and chemicals.

According to the International Trade Administration, global B2C e-commerce revenue will surpass USD 4,865.2 billion by 2025.

Market Dynamics:

Driver:

Rising demand for eco-friendly adhesives

As e-commerce continues to grow, there is a rising need for packaging that ensures product safety, easy handling, and cost-effectiveness. Polyester hot melt adhesives, known for their fast-setting properties, strong adhesion, and durability, are ideal for these applications. They enable reliable bonding in corrugated boxes, bags, and flexible

packaging, which are commonly used in e-commerce shipments. This growth in packaging demand directly contributes to the increased use of these adhesives.

Restraint:

Vulnerability to environmental factors

Polyester Hot Melt Adhesives are vulnerable to environmental factors such as extreme temperatures, humidity, and UV exposure. High temperatures can cause the adhesive to soften, compromising bond strength, while humidity can affect adhesion properties. UV exposure can degrade the adhesive over time, reducing its effectiveness. These limitations restrict their use in certain applications, particularly in outdoor or high-stress environments, thereby hampering the growth of the Polyester Hot Melt Adhesives market.

Opportunity:

Expanding e-commerce and consumer goods sectors

With the rise in e-commerce, the need for durable, efficient, and cost-effective adhesives in packaging solutions intensifies. Polyester hot melt adhesives provide fast-setting, strong bonds that are crucial for secure packaging, ensuring the safe transportation of goods. Additionally, consumer goods manufacturers require high-performance adhesives for various product applications. This surge in demand for both primary and secondary packaging, along with the need for reliable adhesives, further drives the consumption of polyester hot melt adhesives.

Threat:

High raw material costs

Polyester hot melt adhesives have high raw material costs due to the expensive nature of polyester resins and the specialized additives required for performance enhancement. The production process often involves advanced technology and quality control, further driving up costs. These high material and manufacturing costs can make the adhesives less competitive compared to alternative adhesive solutions, such as water-based or solvent-based options Adhesives, hindering widespread market adoption, particularly in price-sensitive applications.

Covid-19 Impact

The covid-19 pandemic disrupted the polyester hot melt adhesives market by causing supply chain interruptions, manufacturing delays, and a slowdown in demand from industries such as automotive, construction, and packaging. Lockdowns and restrictions led to reduced production capacity and labor shortages. However, the increased demand for medical supplies and hygiene products, including personal protective equipment (PPE) and packaging for pharmaceuticals, partially offset these challenges. The market is gradually recovering as industries resume operations and demand stabilizes.

The thermal bonding segment is expected to be the largest during the forecast period

The thermal bonding segment is predicted to secure the largest market share throughout the forecast period due to their excellent heat resistance and strong bonding capabilities. These adhesives are applied in a molten state and solidify rapidly upon cooling, making them ideal for joining materials like textiles, nonwovens, and films. Their quick setting time and durability under varying temperatures make them a popular choice in industries like automotive, textiles, and packaging.

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

The construction segment is anticipated to witness the highest CAGR during the forecast period. In the construction industry, polyester hot melt adhesives are used for bonding materials such as wood, metal, glass, and plastics. These adhesives provide strong, durable, and fast-setting bonds, making them ideal for applications like flooring, insulation, and roofing. They offer resistance to moisture, temperature fluctuations, and wear, which is crucial in construction environments. Additionally, their solvent-free nature makes them a safer, supporting the growing demand for sustainable building materials.

Region with largest share:

Asia Pacific is expected to register the largest market share during the forecast period due to expanding industrial sectors such as packaging, automotive, electronics, and construction. Countries like China, India, and Japan are key contributors, driven by rapid urbanization, infrastructure development, and increased manufacturing activities. The demand for eco-friendly, solvent-free adhesives are also rising, boosting market

expansion. The region's cost-effective production and growing end-user industries provide a favourable market outlook.

Region with highest CAGR:

North America is expected to witness the highest CAGR over the forecast period driven by increasing demand in packaging, automotive, and construction industries, along with a growing preference for environmentally friendly, solvent-free adhesive solutions. The U.S. and Canada are key markets, benefiting from advanced manufacturing capabilities and stringent regulations promoting sustainable materials. Additionally, the growing focus on innovation and performance improvements in adhesives further contributes to market expansion in the region.

Key players in the market

Some of the key players profiled in the Polyester Hot Melt Adhesives Market include The 3M Company, Henkel, Sika AG, Bostik, Arkema, H.B. Fuller, Avery Dennison, Scapa Group, Dow Chemical Company, LORD Corporation, BASF SE, Collano Adhesives, Gasketing Solutions, Paramelt, Jowat AG, Mapei S.p.A. and Power Adhesives Limited.

Key Developments:

In September 2024, Power Adhesives introduced Tecbond 214B, a fully certified biodegradable hot melt adhesive tailored for carton, corrugated packaging, point-of-sale (POS) converters, and contract packers. Manufactured with 44% bio-based materials, Tecbond 214B meets ASTM D6400 and EN13432 standards, which set requirements for compostable and biodegradable products.

In September 2024, Avery Dennison launched new recycling initiatives aimed at enhancing sustainability within the label and packaging industry. These initiatives include expanding the use of recyclable materials, improving the recyclability of their products, and fostering better waste management practices.

Types Covered:

Ethylene-Vinyl Acetate (EVA)

Polyolefin

Polyurethane

Polyamide

Polystyrene

Other Types

Forms Covered:

Solid

Powder

Film

Bead

Other Forms

Technologies Covered:

Thermoplastic

Reactive

Ultraviolet-Curable

Other Technologies

Applications Covered:

Thermal Bonding

Pressure Sensitivity

Product Assembly

Laminate Bonding

Sealants

Coating

Other Applications

End Users Covered:

Packaging

Automotive

Electronics

Construction

Woodworking

Medical

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
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- 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

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Technology Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL POLYESTER HOT MELT ADHESIVES MARKET, BY TYPE

- 5.1 Introduction
- 5.2 Ethylene-Vinyl Acetate (EVA)
- 5.3 Polyolefin
- 5.4 Polyurethane
- 5.5 Polyamide
- 5.6 Polystyrene
- 5.7 Other Types

6 GLOBAL POLYESTER HOT MELT ADHESIVES MARKET, BY FORM

- 6.1 Introduction
- 6.2 Solid
- 6.3 Powder
- 6.4 Film
- 6.5 Bead
- 6.6 Other Forms

7 GLOBAL POLYESTER HOT MELT ADHESIVES MARKET, BY TECHNOLOGY

- 7.1 Introduction
- 7.2 Thermoplastic
- 7.3 Reactive
- 7.4 Ultraviolet-Curable
- 7.5 Other Technologies

8 GLOBAL POLYESTER HOT MELT ADHESIVES MARKET, BY APPLICATION

- 8.1 Introduction
- 8.2 Thermal Bonding
- 8.3 Pressure Sensitivity
- 8.4 Product Assembly
- 8.5 Laminate Bonding
- 8.6 Sealants
- 8.7 Coating
- 8.8 Other Applications

9 GLOBAL POLYESTER HOT MELT ADHESIVES MARKET, BY END USER

- 9.1 Introduction
- 9.2 Packaging
- 9.3 Automotive
- 9.4 Electronics
- 9.5 Construction
- 9.6 Woodworking
- 9.7 Medical
- 9.8 Other End Users

10 GLOBAL POLYESTER HOT MELT ADHESIVES MARKET, BY GEOGRAPHY

- 10.1 Introduction
- 10.2 North America
 - 10.2.1 US
 - 10.2.2 Canada
 - 10.2.3 Mexico
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 UK
 - 10.3.3 Italy
 - 10.3.4 France
 - 10.3.5 Spain
 - 10.3.6 Rest of Europe
- 10.4 Asia Pacific
 - 10.4.1 Japan
 - 10.4.2 China
 - 10.4.3 India
 - 10.4.4 Australia
 - 10.4.5 New Zealand
 - 10.4.6 South Korea
 - 10.4.7 Rest of Asia Pacific
- 10.5 South America
 - 10.5.1 Argentina
 - 10.5.2 Brazil
 - 10.5.3 Chile
 - 10.5.4 Rest of South America
- 10.6 Middle East & Africa

- 10.6.1 Saudi Arabia
- 10.6.2 UAE
- 10.6.3 Qatar
- 10.6.4 South Africa
- 10.6.5 Rest of Middle East & Africa

11 KEY DEVELOPMENTS

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

12 COMPANY PROFILING

- 12.1 The 3M Company
- 12.2 Henkel
- 12.3 Sika AG
- 12.4 Bostik
- 12.5 Arkema
- 12.6 H.B. Fuller
- 12.7 Avery Dennison
- 12.8 Scapa Group
- 12.9 Dow Chemical Company
- 12.10 LORD Corporation
- 12.11 BASF SE
- 12.12 Collano Adhesives
- 12.13 Gasketing Solutions
- 12.14 Paramelt
- 12.15 Jowat AG
- 12.16 Mapei S.p.A.
- 12.17 Power Adhesives Limited

List Of Tables

LIST OF TABLES

Table 1 Global Polyester Hot Melt Adhesives Market Outlook, By Region (2022-2030) (\$MN)

Table 2 Global Polyester Hot Melt Adhesives Market Outlook, By Type (2022-2030) (\$MN)

Table 3 Global Polyester Hot Melt Adhesives Market Outlook, By Ethylene-Vinyl Acetate (EVA) (2022-2030) (\$MN)

Table 4 Global Polyester Hot Melt Adhesives Market Outlook, By Polyolefin (2022-2030) (\$MN)

Table 5 Global Polyester Hot Melt Adhesives Market Outlook, By Polyurethane (2022-2030) (\$MN)

Table 6 Global Polyester Hot Melt Adhesives Market Outlook, By Polyamide (2022-2030) (\$MN)

Table 7 Global Polyester Hot Melt Adhesives Market Outlook, By Polystyrene (2022-2030) (\$MN)

Table 8 Global Polyester Hot Melt Adhesives Market Outlook, By Other Types (2022-2030) (\$MN)

Table 9 Global Polyester Hot Melt Adhesives Market Outlook, By Form (2022-2030) (\$MN)

Table 10 Global Polyester Hot Melt Adhesives Market Outlook, By Solid (2022-2030) (\$MN)

Table 11 Global Polyester Hot Melt Adhesives Market Outlook, By Powder (2022-2030) (\$MN)

Table 12 Global Polyester Hot Melt Adhesives Market Outlook, By Film (2022-2030) (\$MN)

Table 13 Global Polyester Hot Melt Adhesives Market Outlook, By Bead (2022-2030) (\$MN)

Table 14 Global Polyester Hot Melt Adhesives Market Outlook, By Other Forms (2022-2030) (\$MN)

Table 15 Global Polyester Hot Melt Adhesives Market Outlook, By Technology (2022-2030) (\$MN)

Table 16 Global Polyester Hot Melt Adhesives Market Outlook, By Thermoplastic (2022-2030) (\$MN)

Table 17 Global Polyester Hot Melt Adhesives Market Outlook, By Reactive (2022-2030) (\$MN)

Table 18 Global Polyester Hot Melt Adhesives Market Outlook, By Ultraviolet-Curable

(2022-2030) (\$MN)

Table 19 Global Polyester Hot Melt Adhesives Market Outlook, By Other Technologies
(2022-2030) (\$MN)

Table 20 Global Polyester Hot Melt Adhesives Market Outlook, By Application
(2022-2030) (\$MN)

Table 21 Global Polyester Hot Melt Adhesives Market Outlook, By Thermal Bonding
(2022-2030) (\$MN)

Table 22 Global Polyester Hot Melt Adhesives Market Outlook, By Pressure Sensitivity
(2022-2030) (\$MN)

Table 23 Global Polyester Hot Melt Adhesives Market Outlook, By Product Assembly
(2022-2030) (\$MN)

Table 24 Global Polyester Hot Melt Adhesives Market Outlook, By Laminate Bonding
(2022-2030) (\$MN)

Table 25 Global Polyester Hot Melt Adhesives Market Outlook, By Sealants
(2022-2030) (\$MN)

Table 26 Global Polyester Hot Melt Adhesives Market Outlook, By Coating (2022-2030)
(\$MN)

Table 27 Global Polyester Hot Melt Adhesives Market Outlook, By Other Applications
(2022-2030) (\$MN)

Table 28 Global Polyester Hot Melt Adhesives Market Outlook, By End User
(2022-2030) (\$MN)

Table 29 Global Polyester Hot Melt Adhesives Market Outlook, By Packaging
(2022-2030) (\$MN)

Table 30 Global Polyester Hot Melt Adhesives Market Outlook, By Automotive
(2022-2030) (\$MN)

Table 31 Global Polyester Hot Melt Adhesives Market Outlook, By Electronics
(2022-2030) (\$MN)

Table 32 Global Polyester Hot Melt Adhesives Market Outlook, By Construction
(2022-2030) (\$MN)

Table 33 Global Polyester Hot Melt Adhesives Market Outlook, By Woodworking
(2022-2030) (\$MN)

Table 34 Global Polyester Hot Melt Adhesives Market Outlook, By Medical (2022-2030)
(\$MN)

Table 35 Global Polyester Hot Melt Adhesives Market Outlook, By Other End Users
(2022-2030) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

I would like to order

Product name: Polyester Hot Melt Adhesives Market Forecasts to 2030 – Global Analysis By Type (Ethylene-Vinyl Acetate (EVA), Polyolefin, Polyurethane, Polyamide and Other Types), Form, Technology, Application, End User and By Geography

Product link: <https://marketpublishers.com/r/PB254754BB4DEN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/PB254754BB4DEN.html>