

**Polyester Hot Melt Adhesives Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Form (Pellets, Powder, and Polymer Films), By Application (Food and Medical Packaging, Electrical Components, Automotive, Textiles & Fabrics, and Others), By Region and competition, 2020-2030F**

Market Report | 2025-07-29 | 180 pages | TechSci Research

**AVAILABLE LICENSES:**

- Single User License \$4500.00
- Multi-User License \$5500.00
- Custom Research License \$8000.00

**Report description:**

Market Overview

Global Polyester Hot Melt Adhesives Market was valued at USD 477.58 million in 2024 and is expected to reach USD 708.88 million by 2030 with a CAGR of 6.87%. The global polyester hot melt adhesives (HMA) market is experiencing strong and sustained growth, driven by increasing demand across diverse industries such as packaging, automotive, textiles, and electronics. Polyester HMAs are valued for their excellent bonding strength, rapid setting time, and adaptability to a wide range of substrates. These features make them highly effective in applications requiring durable and long-lasting adhesion, particularly in high-speed manufacturing environments.

One of the key advantages of polyester HMAs is their fast bonding capability, which significantly improves production efficiency and reduces manufacturing costs. This has led to their widespread adoption in industries that demand reliable, high-performance adhesives. In particular, the packaging sector is a major growth driver, fueled by the rising need for flexible packaging solutions and the rapid expansion of e-commerce. As consumer preferences shift towards sustainable and lightweight packaging, polyester HMAs offer an ideal solution for bonding various packaging materials with precision and strength.

Despite these benefits, the market faces challenges. Polyester HMAs are sensitive to temperature variations, which can affect performance in certain operational conditions. Moreover, increasing environmental concerns have placed pressure on manufacturers to innovate more sustainable adhesive solutions. As a result, there is a growing focus on developing eco-friendly polyester HMA formulations that maintain strong performance while minimizing environmental impact.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

Technological advancements are playing a crucial role in shaping the future of this market. Ongoing R\&D efforts are expected to yield enhanced formulations with improved temperature resistance, adhesion to more complex substrates, and better recyclability. The ability to tailor adhesives to specific industrial needs will further broaden application possibilities. As industries continue to prioritize speed, efficiency, and sustainability, the demand for advanced polyester hot melt adhesives is expected to accelerate. Market players that invest in innovation and sustainability will be well-positioned to capitalize on this momentum. In conclusion, the polyester HMA market is not only integral to today's industrial processes but is also set to drive the next wave of adhesive technology across global value chains.

#### Key Market Drivers

##### Rising Demand from the Automotive Industry is Major Factor for Polyester Hot Melt Adhesives Market Growth

The global polyester hot melt adhesives market is experiencing significant growth, primarily driven by the rising demand from the automotive industry. The automotive industry is one of the largest and most dynamic sectors in the world. The demand for automobiles, including passenger vehicles and commercial vehicles, continues to rise globally. Polyester hot melt adhesives are playing a crucial role in the automotive industry, where they are used for various applications, including interior and exterior assembly, trim bonding, headliner attachment, and sealing. In 2023, global automobile production reached approximately 94 million units, while the global automotive components market was valued at USD 2 trillion, with exports accounting for around USD 700 billion. India emerged as the fourth-largest vehicle producer globally, following China, the United States, and Japan, with an annual output of nearly 6 million vehicles.

Automakers are under constant pressure to produce lighter and more fuel-efficient vehicles to meet environmental regulations and consumer demands. Polyester hot melt adhesives offer lightweight bonding solutions that reduce vehicle weight without compromising structural integrity. Polyester hot melt adhesives are versatile and compatible with various automotive materials, such as plastics, metals, and fabrics. They provide excellent adhesion properties, making them suitable for diverse automotive bonding requirements. Ongoing research and development efforts in the adhesive industry have led to advanced formulations of polyester hot melt adhesives. These formulations offer improved performance, durability, and temperature resistance, addressing the demanding needs of the automotive sector. The growing demand for polyester hot melt adhesives is closely aligned with automotive industry trends, such as the increasing use of lightweight materials, electric vehicle production, and the development of autonomous vehicles.

The automotive industry is actively pursuing lightweighting strategies to improve fuel efficiency and reduce emissions. Polyester hot melt adhesives contribute to these initiatives by replacing traditional mechanical fasteners, reducing vehicle weight, and enhancing structural integrity. The rise of electric vehicles presents new opportunities for polyester hot melt adhesives. These adhesives are used in EV battery assembly and electric motor bonding, contributing to the growth of the market. The development of autonomous vehicles requires advanced bonding solutions for sensor placement, interior assembly, and safety-critical components. Polyester hot melt adhesives offer reliable and durable bonding for these applications.

The global polyester hot melt adhesives market is experiencing robust growth, primarily fueled by the surging demand from the automotive industry. Polyester hot melt adhesives have become integral in achieving lightweighting goals, improving fuel efficiency, and enhancing the overall performance of vehicles. As the automotive industry continues to evolve and embrace technological advancements, the market for polyester hot melt adhesives is expected to thrive. Manufacturers and suppliers in this market must remain at the forefront of technology and innovation to meet the evolving demands of automakers and ensure continued growth while contributing to the development of more sustainable and efficient vehicles worldwide.

#### Key Market Challenges

##### Temperature Sensitivity

Temperature sensitivity poses a significant hindrance to the global polyester hot melt adhesives market. These adhesives are renowned for their exceptional bonding properties when exposed to heat, making them a preferred choice in various industries. However, their performance can be severely impacted by temperature fluctuations, both during application and in the subsequent operational environment.

During application, the temperature sensitivity of polyester hot melt adhesives necessitates precise control of heating equipment to achieve optimal adhesive viscosity and flow. Variations in temperature can lead to adhesive inconsistencies, affecting the bond strength and overall quality of the adhesion process. Another concern is extreme temperature conditions can cause these

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

adhesives to become brittle in cold environments or soften excessively in high heat, potentially compromising the structural integrity of bonded materials.

Addressing temperature sensitivity in polyester hot melt adhesives requires advanced formulations that offer greater stability across a wide temperature range. Manufacturers must invest in research and development to create adhesives that maintain their performance in diverse environments, ensuring the reliability and durability of bonded products. Overcoming temperature sensitivity challenges is essential to sustain growth and competitiveness in the global polyester hot melt adhesives market.

#### Key Market Trends

##### Sustainability Focus

A prominent trend in the global polyester hot melt adhesives market is an intensified focus on sustainability. With environmental concerns at the forefront of industry and consumer consciousness, there is a growing demand for adhesives that align with eco-friendly principles. Polyester hot melt adhesives, which are known for their versatility and robust bonding capabilities across various substrates, are adapting to meet these sustainability requirements.

Manufacturers are increasingly investing in research and development to create polyester hot melt adhesives that incorporate recycled materials, reduce volatile organic compound (VOC) emissions, and exhibit biodegradability. These innovations not only cater to stringent environmental regulations but also resonate with companies aiming to reduce their carbon footprint and enhance their corporate responsibility image.

As industries across packaging, textiles, automotive, and more seek sustainable adhesive solutions, the polyester hot melt adhesives market is poised for significant growth. This sustainability-focused trend underscores the industry's commitment to minimizing its environmental impact and plays a pivotal role in shaping the future of adhesive technology.

##### Key Market Players

□□ 3M Company

□□ H.B. Fuller Adhesives LLC

□□ Bostik SA

□□ Cattie Adhesive

□□ Mitsubishi Chemical Corporation

□□ Sika AG

□□ Guangdong SUNTIP New Material Co, Ltd

□□ Henkel Adhesives Co. Ltd

□□ GC Adhesives Company

□□ EMS-CHEMIE HOLDING AG

##### Report Scope:

In this report, the Global Polyester Hot Melt Adhesives Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

##### □□ Polyester Hot Melt Adhesives Market, By Form:

- o Pellets
- o Powder
- o Polymer Films

##### □□ Polyester Hot Melt Adhesives Market, By Application:

- o Food and Medical Packaging
- o Electrical Components
- o Automotive
- o Textiles & Fabrics
- o Others

##### □□ Polyester Hot Melt Adhesives Market, By Region:

- o Asia-Pacific
  - China
  - India

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Japan
- Australia
- South Korea
- o North America
- United States
- Canada
- Mexico
- o Europe
- France
- United Kingdom
- Italy
- Germany
- Spain
- o South America
- Brazil
- Argentina
- Colombia
- o Middle East & Africa
- South Africa
- Saudi Arabia
- UAE
- Qatar
- Turkiye
- Egypt

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Polyester Hot Melt Adhesives Market.

#### Available Customizations:

Global Polyester Hot Melt Adhesives market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

□□ Detailed analysis and profiling of additional market players (up to five).

### **Table of Contents:**

1. Product Overview
  - 1.1. Market Definition
  - 1.2. Scope of the Market
    - 1.2.1. Markets Covered
    - 1.2.2. Years Considered for Study
    - 1.2.3. Key Market Segmentations
2. Research Methodology
  - 2.1. Objective of the Study
  - 2.2. Baseline Methodology
  - 2.3. Key Industry Partners
  - 2.4. Major Association and Secondary Sources
  - 2.5. Forecasting Methodology
  - 2.6. Data Triangulation & Validation

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 2.7. Assumptions and Limitations
- 3. Executive Summary
  - 3.1. Overview of the Market
  - 3.2. Overview of Key Market Segmentations
  - 3.3. Overview of Key Market Players
  - 3.4. Overview of Key Regions/Countries
  - 3.5. Overview of Market Drivers, Challenges, Trends
- 4. Impact of COVID-19 on Global Polyester Hot Melt Adhesives Market
- 5. Global Polyester Hot Melt Adhesives Market Outlook
  - 5.1. Market Size & Forecast
    - 5.1.1. By Value & Volume
  - 5.2. Market Share & Forecast
    - 5.2.1. By Form (Pellets, Powder, and Polymer Films)
    - 5.2.2. By Application (Food and Medical Packaging, Electrical Components, Automotive, Textiles & Fabrics, and Others)
    - 5.2.3. By Region
    - 5.2.4. By Company (2024)
  - 5.3. Market Map
- 6. Asia Pacific Polyester Hot Melt Adhesives Market Outlook
  - 6.1. Market Size & Forecast
    - 6.1.1. By Value & Volume
  - 6.2. Market Share & Forecast
    - 6.2.1. By Form
    - 6.2.2. By Application
    - 6.2.3. By Country
  - 6.3. Asia Pacific: Country Analysis
    - 6.3.1. China Polyester Hot Melt Adhesives Market Outlook
      - 6.3.1.1. Market Size & Forecast
        - 6.3.1.1.1. By Value & Volume
      - 6.3.1.2. Market Share & Forecast
        - 6.3.1.2.1. By Form
        - 6.3.1.2.2. By Application
    - 6.3.2. India Polyester Hot Melt Adhesives Market Outlook
      - 6.3.2.1. Market Size & Forecast
        - 6.3.2.1.1. By Value & Volume
      - 6.3.2.2. Market Share & Forecast
        - 6.3.2.2.1. By Form
        - 6.3.2.2.2. By Application
    - 6.3.3. Australia Polyester Hot Melt Adhesives Market Outlook
      - 6.3.3.1. Market Size & Forecast
        - 6.3.3.1.1. By Value & Volume
      - 6.3.3.2. Market Share & Forecast
        - 6.3.3.2.1. By Form
        - 6.3.3.2.2. By Application
    - 6.3.4. Japan Polyester Hot Melt Adhesives Market Outlook
      - 6.3.4.1. Market Size & Forecast
        - 6.3.4.1.1. By Value & Volume
      - 6.3.4.2. Market Share & Forecast

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 6.3.4.2.1. By Form
- 6.3.4.2.2. By Application
- 6.3.5. South Korea Polyester Hot Melt Adhesives Market Outlook
  - 6.3.5.1. Market Size & Forecast
    - 6.3.5.1.1. By Value & Volume
  - 6.3.5.2. Market Share & Forecast
    - 6.3.5.2.1. By Form
    - 6.3.5.2.2. By Application
- 7. Europe Polyester Hot Melt Adhesives Market Outlook
  - 7.1. Market Size & Forecast
    - 7.1.1. By Value & Volume
  - 7.2. Market Share & Forecast
    - 7.2.1. By Form
    - 7.2.2. By Application
    - 7.2.3. By Country
  - 7.3. Europe: Country Analysis
    - 7.3.1. France Polyester Hot Melt Adhesives Market Outlook
      - 7.3.1.1. Market Size & Forecast
        - 7.3.1.1.1. By Value & Volume
      - 7.3.1.2. Market Share & Forecast
        - 7.3.1.2.1. By Form
        - 7.3.1.2.2. By Application
    - 7.3.2. Germany Polyester Hot Melt Adhesives Market Outlook
      - 7.3.2.1. Market Size & Forecast
        - 7.3.2.1.1. By Value & Volume
      - 7.3.2.2. Market Share & Forecast
        - 7.3.2.2.1. By Form
        - 7.3.2.2.2. By Application
    - 7.3.3. Spain Polyester Hot Melt Adhesives Market Outlook
      - 7.3.3.1. Market Size & Forecast
        - 7.3.3.1.1. By Value & Volume
      - 7.3.3.2. Market Share & Forecast
        - 7.3.3.2.1. By Form
        - 7.3.3.2.2. By Application
    - 7.3.4. Italy Polyester Hot Melt Adhesives Market Outlook
      - 7.3.4.1. Market Size & Forecast
        - 7.3.4.1.1. By Value & Volume
      - 7.3.4.2. Market Share & Forecast
        - 7.3.4.2.1. By Form
        - 7.3.4.2.2. By Application
    - 7.3.5. United Kingdom Polyester Hot Melt Adhesives Market Outlook
      - 7.3.5.1. Market Size & Forecast
        - 7.3.5.1.1. By Value & Volume
      - 7.3.5.2. Market Share & Forecast
        - 7.3.5.2.1. By Form
        - 7.3.5.2.2. By Application
- 8. North America Polyester Hot Melt Adhesives Market Outlook

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.1. Market Size & Forecast
  - 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
  - 8.2.1. By Form
  - 8.2.2. By Application
  - 8.2.3. By Country
- 8.3. North America: Country Analysis
  - 8.3.1. United States Polyester Hot Melt Adhesives Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value & Volume
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Form
      - 8.3.1.2.2. By Application
  - 8.3.2. Mexico Polyester Hot Melt Adhesives Market Outlook
    - 8.3.2.1. Market Size & Forecast
      - 8.3.2.1.1. By Value & Volume
    - 8.3.2.2. Market Share & Forecast
      - 8.3.2.2.1. By Form
      - 8.3.2.2.2. By Application
  - 8.3.3. Canada Polyester Hot Melt Adhesives Market Outlook
    - 8.3.3.1. Market Size & Forecast
      - 8.3.3.1.1. By Value & Volume
    - 8.3.3.2. Market Share & Forecast
      - 8.3.3.2.1. By Form
      - 8.3.3.2.2. By Application
- 9. South America Polyester Hot Melt Adhesives Market Outlook
  - 9.1. Market Size & Forecast
    - 9.1.1. By Value & Volume
  - 9.2. Market Share & Forecast
    - 9.2.1. By Form
    - 9.2.2. By Application
    - 9.2.3. By Country
  - 9.3. South America: Country Analysis
    - 9.3.1. Brazil Polyester Hot Melt Adhesives Market Outlook
      - 9.3.1.1. Market Size & Forecast
        - 9.3.1.1.1. By Value & Volume
      - 9.3.1.2. Market Share & Forecast
        - 9.3.1.2.1. By Form
        - 9.3.1.2.2. By Application
    - 9.3.2. Argentina Polyester Hot Melt Adhesives Market Outlook
      - 9.3.2.1. Market Size & Forecast
        - 9.3.2.1.1. By Value & Volume
      - 9.3.2.2. Market Share & Forecast
        - 9.3.2.2.1. By Form
        - 9.3.2.2.2. By Application
    - 9.3.3. Colombia Polyester Hot Melt Adhesives Market Outlook
      - 9.3.3.1. Market Size & Forecast

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 9.3.3.1.1. By Value & Volume
- 9.3.3.2. Market Share & Forecast
- 9.3.3.2.1. By Form
- 9.3.3.2.2. By Application
- 10. Middle East and Africa Polyester Hot Melt Adhesives Market Outlook
- 10.1. Market Size & Forecast
- 10.1.1. By Value & Volume
- 10.2. Market Share & Forecast
- 10.2.1. By Form
- 10.2.2. By Application
- 10.2.3. By Country
- 10.3. MEA: Country Analysis
- 10.3.1. South Africa Polyester Hot Melt Adhesives Market Outlook
- 10.3.1.1. Market Size & Forecast
- 10.3.1.1.1. By Value & Volume
- 10.3.1.2. Market Share & Forecast
- 10.3.1.2.1. By Form
- 10.3.1.2.2. By Application
- 10.3.2. Saudi Arabia Polyester Hot Melt Adhesives Market Outlook
- 10.3.2.1. Market Size & Forecast
- 10.3.2.1.1. By Value & Volume
- 10.3.2.2. Market Share & Forecast
- 10.3.2.2.1. By Form
- 10.3.2.2.2. By Application
- 10.3.3. UAE Polyester Hot Melt Adhesives Market Outlook
- 10.3.3.1. Market Size & Forecast
- 10.3.3.1.1. By Value & Volume
- 10.3.3.2. Market Share & Forecast
- 10.3.3.2.1. By Form
- 10.3.3.2.2. By Application
- 10.3.4. Qatar Polyester Hot Melt Adhesives Market Outlook
- 10.3.4.1. Market Size & Forecast
- 10.3.4.1.1. By Value & Volume
- 10.3.4.2. Market Share & Forecast
- 10.3.4.2.1. By Form
- 10.3.4.2.2. By Application
- 10.3.5. Turkiye Polyester Hot Melt Adhesives Market Outlook
- 10.3.5.1. Market Size & Forecast
- 10.3.5.1.1. By Value & Volume
- 10.3.5.2. Market Share & Forecast
- 10.3.5.2.1. By Form
- 10.3.5.2.2. By Application
- 10.3.6. Egypt Polyester Hot Melt Adhesives Market Outlook
- 10.3.6.1. Market Size & Forecast
- 10.3.6.1.1. By Value & Volume
- 10.3.6.2. Market Share & Forecast
- 10.3.6.2.1. By Form

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.3.6.2.2. By Application
- 11. Market Dynamics
  - 11.1. Drivers
  - 11.2. Challenges
- 12. Market Trends and Developments
  - 12.1. Recent Developments
  - 12.2. Product Launches
  - 12.3. Mergers & Acquisitions
- 13. Global Polyester Hot Melt Adhesives Market: SWOT Analysis
- 14. Pricing Analysis
- 15. Porter's Five Forces Analysis
  - 15.1. Competition in the Industry
  - 15.2. Potential of New Entrants
  - 15.3. Power of Suppliers
  - 15.4. Power of Customers
  - 15.5. Threat of Substitute Application
- 16. PESTLE Analysis
- 17. Competitive Landscape
  - 17.1. 3M Company
    - 17.1.1. Business Overview
    - 17.1.2. Company Snapshot
    - 17.1.3. Products & Services
    - 17.1.4. Financials (In case of listed companies)
    - 17.1.5. Recent Developments
    - 17.1.6. SWOT Analysis
  - 17.2. H.B. Fuller Adhesives LLC
  - 17.3. Bostik SA
  - 17.4. Cattie Adhesive
  - 17.5. Mitsubishi Chemical Corporation
  - 17.6. Sika AG
  - 17.7. Guangdong SUNTIP New Material Co, Ltd
  - 17.8. Henkel Adhesives Co. Ltd
  - 17.9. GC Adhesives Company
  - 17.10. EMS-CHEMIE HOLDING AG
- 18. Strategic Recommendations
- 19. About Us and Disclaimer

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Polyester Hot Melt Adhesives Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Form (Pellets, Powder, and Polymer Films), By Application (Food and Medical Packaging, Electrical Components, Automotive, Textiles & Fabrics, and Others), By Region and competition, 2020-2030F**

Market Report | 2025-07-29 | 180 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$4500.00
	Multi-User License	\$5500.00
	Custom Research License	\$8000.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

□\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-05"/>
		Signature	<input type="text"/>