

# **Textile Adhesive Market - Global Industry Size, Share, Trends, Opportunity and Forecast, Segmented By Application (Fabric to Fabric Lamination, Fabric to Membrane Lamination, Fabric to Foam lamination), By Resin Type (PUR HM, Water Based PU, Solvent Based PU, PUR Liquid, TPU others), By End Use Industry (Lingerie/ Innerwear, Sportswear, Protective Wear, Home Furnishing, Medical, Automotive, Others), By Profitability Potential (Low, Medium, and High), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Textile Adhesive Market is projected to expand from USD 5.66 Billion in 2025 to USD 8.87 Billion by 2031, reflecting a compound annual growth rate of 7.77%. These specialized polymeric bonding agents are engineered to join fabric substrates or attach components across apparel, home furnishing, and automotive interior applications. Market growth is primarily propelled by increasing consumption of technical textiles within the hygiene and medical sectors, alongside the automotive industry's transition toward lightweight composite materials. The strength of this demand for bonded substrates is underscored by production statistics; according to INDA, North American nonwoven capacity reached 5.73 million tonnes in 2024, highlighting the expanding scale of a key sector that relies heavily on adhesive technologies.

Conversely, market expansion faces a substantial hurdle in the form of escalating regulatory pressure concerning Volatile Organic Compound (VOC) emissions. Adhering

to stringent environmental mandates frequently requires expensive reformulation efforts, while the complexity involved in recycling products made from multi-material bonded layers remains a significant technical and economic obstacle for manufacturers striving to achieve circular economy targets.

### **Market Driver**

The escalating demand for disposable hygiene products and medical-grade textiles acts as a major catalyst for the Global Textile Adhesive Market. Manufacturers increasingly depend on advanced pressure-sensitive and hot melt adhesives to guarantee the fluid management capabilities and structural integrity of essential items like feminine care products, surgical drapes, and adult incontinence briefs. This segment provides crucial stability for suppliers, as high-speed production lines demand rapid-bonding solutions that withstand sterilization while ensuring skin compatibility. The sector's financial durability is reflected in the results of key players; according to Arkema, November 2025, in the 'Third-Quarter 2025 Results', the Adhesive Solutions segment achieved sales of \$675 million, driven by consistent volumes in packaging and healthcare applications despite wider economic headwinds.

Simultaneously, the push toward low-VOC bio-based formulations and eco-friendly solutions is transforming product development throughout the textile value chain. Increasing consumer demand for sustainability and tightening global regulations are forcing chemical suppliers to move away from solvent-based systems in favor of reactive polyurethane and water-borne technologies derived from renewable feedstocks. This shift corresponds with the rising volume of sustainable substrates needing compatible bonding agents; according to Textile Exchange, October 2025, in the 'Materials Market Report', manmade cellulosic fiber (MMCF) production rose to 8.4 million tonnes in 2024, generating a significant market for bio-based adhesive systems. The sector's overall strength is further highlighted by financial metrics; according to H.B. Fuller, October 2025, in the 'Third Quarter 2025 Results', the company posted net revenue of \$892 million, signaling persistent industrial demand for specialized bonding technologies.

### **Market Challenge**

The Global Textile Adhesive Market faces significant obstacles due to increasing regulatory strictness regarding Volatile Organic Compound (VOC) emissions and the growing necessity for recyclability. Compliance with rigorous environmental standards compels manufacturers to engage in expensive reformulation cycles, diverting

resources from volume growth toward compliance-focused research and development. Furthermore, the technical challenge of creating adhesives that offer durable bonding while permitting material separation at the end of a product's life cycle places additional strain on operational efficiency and profit margins.

The magnitude of this compliance burden is demonstrated by recent industry trends. According to EURATEX, the European textile regulatory environment was affected by 16 new legislative measures in 2024 aimed at chemical management and sustainability. This influx of regulatory requirements inhibits market growth by escalating the capital and time needed to introduce compliant products, effectively creating a bottleneck for manufacturers seeking to expand their operations through improved adhesive technologies.

## **Market Trends**

The widespread adoption of stitch-free and seamless bonding techniques is transforming the apparel industry by replacing traditional sewing to improve garment performance, comfort, and aesthetics. Manufacturers are increasingly applying advanced adhesive tapes and films to produce lightweight, smooth activewear that enhances aerodynamic properties and minimizes skin friction, a trend especially prominent in high-performance sports and athleisure categories. This consumer shift toward technically advanced, sleek apparel is generating substantial financial returns for market leaders using these technologies; according to Lululemon, March 2025, in the 'Annual Report 2024', net revenue exceeded \$10.6 billion, a milestone largely fueled by persistent global demand for their technically constructed, innovative product lines.

Concurrently, the integration of conductive adhesives for smart e-textile applications is broadening the market's scope beyond standard joining methods to encompass electrical connectivity. As textiles develop into intelligent interfaces capable of data transmission, thermal regulation, and health monitoring, specialized conductive bonding agents have become critical for securely attaching circuitry and sensors without impairing fabric flexibility. This technological convergence is bolstered by the rapid advancement of the wider electronics sector; according to the OE-A (Organic and Printed Electronics Association), February 2025, in the 'OE-A Roadmap for Flexible, Organic and Printed Electronics', the global organic and printed electronics market has surpassed a valuation of \$35 billion, establishing a solid foundation for the expansion of adhesive-bonded smart textile solutions.

## **Key Market Players**

Henkel AG & Co. KGaA

3M Company

H.B. Fuller Company

Sika AG

Arkema

BASF SE

Jowat SE

Pidilite Industries Limited

Avery Dennison Corporation

Huntsman Corporation

## **Report Scope**

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

Textile Adhesive Market, By Application

Fabric to Fabric Lamination

Fabric to Membrane Lamination

Fabric to Foam lamination

Textile Adhesive Market, By Resin Type

PUR HM

Water Based PU

Solvent Based PU

PUR Liquid

TPU others

#### Textile Adhesive Market, By End Use Industry

Lingerie/ Innerwear

Sportswear

Protective Wear

Home Furnishing

Medical

Automotive

Others

#### Textile Adhesive Market, By Profitability Potential

Low

Medium

High

#### Textile Adhesive Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

### **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Textile Adhesive Market.

### **Available Customizations:**

Global Textile Adhesive 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).

## 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
- 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. VOICE OF CUSTOMER

### 5. GLOBAL TEXTILE ADHESIVE MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Application (Fabric to Fabric Lamination, Fabric to Membrane Lamination, Fabric to Foam lamination)
  - 5.2.2. By Resin Type (PUR HM, Water Based PU, Solvent Based PU, PUR Liquid, TPU others)

5.2.3. By End Use Industry (Lingerie/ Innerwear, Sportswear, Protective Wear, Home Furnishing, Medical, Automotive, Others)

5.2.4. By Profitability Potential (Low, Medium, High)

5.2.5. By Region

5.2.6. By Company (2025)

5.3. Market Map

## **6. NORTH AMERICA TEXTILE ADHESIVE MARKET OUTLOOK**

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Application

6.2.2. By Resin Type

6.2.3. By End Use Industry

6.2.4. By Profitability Potential

6.2.5. By Country

6.3. North America: Country Analysis

6.3.1. United States Textile Adhesive Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Application

6.3.1.2.2. By Resin Type

6.3.1.2.3. By End Use Industry

6.3.1.2.4. By Profitability Potential

6.3.2. Canada Textile Adhesive Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Application

6.3.2.2.2. By Resin Type

6.3.2.2.3. By End Use Industry

6.3.2.2.4. By Profitability Potential

6.3.3. Mexico Textile Adhesive Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Application

- 6.3.3.2.2. By Resin Type
- 6.3.3.2.3. By End Use Industry
- 6.3.3.2.4. By Profitability Potential

## **7. EUROPE TEXTILE ADHESIVE MARKET OUTLOOK**

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Application
  - 7.2.2. By Resin Type
  - 7.2.3. By End Use Industry
  - 7.2.4. By Profitability Potential
  - 7.2.5. By Country
- 7.3. Europe: Country Analysis
  - 7.3.1. Germany Textile Adhesive Market Outlook
    - 7.3.1.1. Market Size & Forecast
      - 7.3.1.1.1. By Value
    - 7.3.1.2. Market Share & Forecast
      - 7.3.1.2.1. By Application
      - 7.3.1.2.2. By Resin Type
      - 7.3.1.2.3. By End Use Industry
      - 7.3.1.2.4. By Profitability Potential
  - 7.3.2. France Textile Adhesive Market Outlook
    - 7.3.2.1. Market Size & Forecast
      - 7.3.2.1.1. By Value
    - 7.3.2.2. Market Share & Forecast
      - 7.3.2.2.1. By Application
      - 7.3.2.2.2. By Resin Type
      - 7.3.2.2.3. By End Use Industry
      - 7.3.2.2.4. By Profitability Potential
  - 7.3.3. United Kingdom Textile Adhesive Market Outlook
    - 7.3.3.1. Market Size & Forecast
      - 7.3.3.1.1. By Value
    - 7.3.3.2. Market Share & Forecast
      - 7.3.3.2.1. By Application
      - 7.3.3.2.2. By Resin Type
      - 7.3.3.2.3. By End Use Industry
      - 7.3.3.2.4. By Profitability Potential

#### 7.3.4. Italy Textile Adhesive Market Outlook

##### 7.3.4.1. Market Size & Forecast

###### 7.3.4.1.1. By Value

##### 7.3.4.2. Market Share & Forecast

###### 7.3.4.2.1. By Application

###### 7.3.4.2.2. By Resin Type

###### 7.3.4.2.3. By End Use Industry

###### 7.3.4.2.4. By Profitability Potential

#### 7.3.5. Spain Textile Adhesive Market Outlook

##### 7.3.5.1. Market Size & Forecast

###### 7.3.5.1.1. By Value

##### 7.3.5.2. Market Share & Forecast

###### 7.3.5.2.1. By Application

###### 7.3.5.2.2. By Resin Type

###### 7.3.5.2.3. By End Use Industry

###### 7.3.5.2.4. By Profitability Potential

## 8. ASIA PACIFIC TEXTILE ADHESIVE MARKET OUTLOOK

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

#### 8.2.1. By Application

#### 8.2.2. By Resin Type

#### 8.2.3. By End Use Industry

#### 8.2.4. By Profitability Potential

#### 8.2.5. By Country

### 8.3. Asia Pacific: Country Analysis

#### 8.3.1. China Textile Adhesive Market Outlook

##### 8.3.1.1. Market Size & Forecast

###### 8.3.1.1.1. By Value

##### 8.3.1.2. Market Share & Forecast

###### 8.3.1.2.1. By Application

###### 8.3.1.2.2. By Resin Type

###### 8.3.1.2.3. By End Use Industry

###### 8.3.1.2.4. By Profitability Potential

#### 8.3.2. India Textile Adhesive Market Outlook

##### 8.3.2.1. Market Size & Forecast

###### 8.3.2.1.1. By Value

- 8.3.2.2. Market Share & Forecast
  - 8.3.2.2.1. By Application
  - 8.3.2.2.2. By Resin Type
  - 8.3.2.2.3. By End Use Industry
  - 8.3.2.2.4. By Profitability Potential
- 8.3.3. Japan Textile Adhesive Market Outlook
  - 8.3.3.1. Market Size & Forecast
    - 8.3.3.1.1. By Value
  - 8.3.3.2. Market Share & Forecast
    - 8.3.3.2.1. By Application
    - 8.3.3.2.2. By Resin Type
    - 8.3.3.2.3. By End Use Industry
    - 8.3.3.2.4. By Profitability Potential
- 8.3.4. South Korea Textile Adhesive Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Application
    - 8.3.4.2.2. By Resin Type
    - 8.3.4.2.3. By End Use Industry
    - 8.3.4.2.4. By Profitability Potential
- 8.3.5. Australia Textile Adhesive Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Application
    - 8.3.5.2.2. By Resin Type
    - 8.3.5.2.3. By End Use Industry
    - 8.3.5.2.4. By Profitability Potential

## **9. MIDDLE EAST & AFRICA TEXTILE ADHESIVE MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Application
  - 9.2.2. By Resin Type
  - 9.2.3. By End Use Industry
  - 9.2.4. By Profitability Potential

- 9.2.5. By Country
- 9.3. Middle East & Africa: Country Analysis
  - 9.3.1. Saudi Arabia Textile Adhesive Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Application
      - 9.3.1.2.2. By Resin Type
      - 9.3.1.2.3. By End Use Industry
      - 9.3.1.2.4. By Profitability Potential
  - 9.3.2. UAE Textile Adhesive Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share & Forecast
      - 9.3.2.2.1. By Application
      - 9.3.2.2.2. By Resin Type
      - 9.3.2.2.3. By End Use Industry
      - 9.3.2.2.4. By Profitability Potential
  - 9.3.3. South Africa Textile Adhesive Market Outlook
    - 9.3.3.1. Market Size & Forecast
      - 9.3.3.1.1. By Value
    - 9.3.3.2. Market Share & Forecast
      - 9.3.3.2.1. By Application
      - 9.3.3.2.2. By Resin Type
      - 9.3.3.2.3. By End Use Industry
      - 9.3.3.2.4. By Profitability Potential

## **10. SOUTH AMERICA TEXTILE ADHESIVE MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Application
  - 10.2.2. By Resin Type
  - 10.2.3. By End Use Industry
  - 10.2.4. By Profitability Potential
  - 10.2.5. By Country
- 10.3. South America: Country Analysis
  - 10.3.1. Brazil Textile Adhesive Market Outlook

- 10.3.1.1. Market Size & Forecast
  - 10.3.1.1.1. By Value
- 10.3.1.2. Market Share & Forecast
  - 10.3.1.2.1. By Application
  - 10.3.1.2.2. By Resin Type
  - 10.3.1.2.3. By End Use Industry
  - 10.3.1.2.4. By Profitability Potential
- 10.3.2. Colombia Textile Adhesive Market Outlook
  - 10.3.2.1. Market Size & Forecast
    - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
    - 10.3.2.2.1. By Application
    - 10.3.2.2.2. By Resin Type
    - 10.3.2.2.3. By End Use Industry
    - 10.3.2.2.4. By Profitability Potential
- 10.3.3. Argentina Textile Adhesive Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Application
    - 10.3.3.2.2. By Resin Type
    - 10.3.3.2.3. By End Use Industry
    - 10.3.3.2.4. By Profitability Potential

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

## **12. MARKET TRENDS & DEVELOPMENTS**

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

## **13. GLOBAL TEXTILE ADHESIVE MARKET: SWOT ANALYSIS**

## **14. PORTER'S FIVE FORCES ANALYSIS**

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

## **15. COMPETITIVE LANDSCAPE**

- 15.1. Henkel AG & Co. KGaA
  - 15.1.1. Business Overview
  - 15.1.2. Products & Services
  - 15.1.3. Recent Developments
  - 15.1.4. Key Personnel
  - 15.1.5. SWOT Analysis
- 15.2. 3M Company
- 15.3. H.B. Fuller Company
- 15.4. Sika AG
- 15.5. Arkema
- 15.6. BASF SE
- 15.7. Jowat SE
- 15.8. Pidilite Industries Limited
- 15.9. Avery Dennison Corporation
- 15.10. Huntsman Corporation

## **16. STRATEGIC RECOMMENDATIONS**

## **17. ABOUT US & DISCLAIMER**

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