

# **Textile Printing Technologies Market Forecasts to 2034 – Global Analysis By Printing Method (Block Printing, Digital Printing, Direct-to-Fabric Printing, Direct-to-Garment Printing, Discharge Printing and Other Printing Methods), Ink Type (Acid Inks, Discharge Inks, Dye Sublimation Inks and Other Ink Types), Substrate, Application and By Geography**

<https://marketpublishers.com/r/TDFC3D2C3FB9EN.html>

Date: May 2026

Pages: 200

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

ID: TDFC3D2C3FB9EN

## **Abstracts**

According to Statistics MRC, the Global Textile Printing Technologies Market is accounted for \$30.49 million in 2026 and is expected to reach \$62.11 million by 2034 growing at a CAGR of 9.3% during the forecast period. The Textile Printing Technologies Market refers to the industry that encompasses various technologies used to imprint designs, patterns, or colors onto fabrics and textiles. It finds widespread applications across diverse industries, enhancing the aesthetic appeal, functionality, and customization of textile products. It plays a crucial role in the production of promotional and advertising materials, such as banners and flags.

According to the recent statistics released by Kohan Textile Journal, Saudi Textile Industry witnessed a promising upsurge, with imports increasing by 13% to 15% annually. According to a recent study published by HP Inc., In 2018, printed textiles in the market of Europe were valued at up to USD 230 billion; however, the market was accessed at around USD 320 million.

### **Market Dynamics:**

#### **Driver:**

## Increased application in home decor

As consumers increasingly seek personalized and unique interior design solutions, textile printing technologies offer a versatile and customizable approach to home textiles. From curtains and upholstery to bedding and wall coverings, these technologies allow for the creation of vibrant, intricate designs that cater to individual tastes and style preferences. The ability to print on a variety of fabrics provides homeowners with a wide array of options, fostering creativity in decor choices. As a result, the integration of textile printing technologies in home decor not only meets consumer desires for customization but also contributes to the overall growth and innovation within the textile printing technologies market.

### **Restraint:**

#### High initial investment costs

Implementing state-of-the-art machinery, equipment, and infrastructure requires substantial financial resources, which can pose a challenge for small and medium-sized enterprises (SMEs) or new entrants. The upfront expenses encompass not only the acquisition of printing machinery but also the costs associated with staff training, system integration, and facility upgrades. These financial barriers may deter smaller businesses from embracing cutting-edge technologies, limiting their ability to compete in an increasingly innovative market.

### **Opportunity:**

#### Technological innovations

Continuous advancements in printing techniques, machinery, and materials contribute to the industry's growth by enhancing efficiency, quality, and versatility. The integration of cutting-edge technologies, such as 3D printing and digital inkjet printing, revolutionizes the precision and intricacy with which designs can be transferred onto textiles. These innovations enable manufacturers to produce high-resolution, detailed patterns, and even experiment with new materials and functionalities, expanding the market's creative possibilities. Moreover, the development of smart textiles, incorporating elements like conductive inks for wearable technology, further drives market expansion by meeting the demand for functional and interactive fabrics.

### **Threat:**

## Environmental concerns

Traditional printing methods often involve the use of environmentally harmful chemicals, substantial water consumption, and energy-intensive processes, contributing to pollution and resource depletion. The industry faces increasing pressure to adopt eco-friendly practices and reduce its ecological footprint. Compliance with stringent environmental regulations adds operational complexities and may necessitate investments in sustainable technologies and practices. However, the disposal of waste generated during printing processes, including inks and chemicals, raises challenges in meeting environmentally responsible standards.

## **Covid-19 Impact:**

Disruptions in the global supply chain, restrictions on movement, and economic uncertainties led to a decline in consumer demand for textile products. Manufacturing facilities faced closures or reduced capacities, affecting production schedules. The fashion and apparel industry, a major consumer of textile printing technologies, witnessed a shift in priorities, with a decreased focus on non-essential items. However, disruptions in international trade affected the availability of raw materials and components.

The rotary printing segment is expected to be the largest during the forecast period

Rotary Printing segment is poised to hold the largest share of the market throughout the projection period. Rotary printing, known for its high-speed and large-scale capabilities, offers efficient and cost-effective solutions for textile manufacturers. Its continuous and seamless printing process allows for the rapid production of textiles, catering to the demands of the fast-paced fashion industry. The method's ability to achieve consistent and precise prints on various fabric types enhances its versatility, appealing to a broad spectrum of applications. As the demand for intricate and vibrant designs grows, rotary printing stands out for its capacity to deliver high-quality, detailed patterns on a mass scale.

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

Due to the industry's evolving demands for sustainability and unique design effects, discharge inks segment is estimated to witness profitable growth throughout the

extrapolated period. Discharge inks, which remove the dye from the fabric rather than adding color, are gaining prominence due to their environmentally friendly characteristics. This method reduces water usage and minimizes the need for additional chemicals, aligning with the growing emphasis on eco-conscious practices. Moreover, discharge inks enable the creation of soft, breathable prints with excellent color vibrancy, achieving a sought-after vintage or distressed aesthetic.

### **Region with largest share:**

Owing to the region's robust manufacturing capabilities, particularly in countries like China, India, and Japan, contribute to the high production volumes of textiles, Asia Pacific region commanded the largest share throughout the estimation period. The growing population and rising disposable incomes in these countries fuel increased consumer demand for customized and aesthetically appealing textile products, fostering the adoption of advanced printing technologies. The shift towards digital printing technologies aligns with the region's technological advancements and the need for quick-turnaround solutions.

### **Region with highest CAGR:**

Asia Pacific region is enhancing profitable growth throughout the domination period. With increasing awareness of the ecological impact of traditional textile printing methods, governments in countries like China, India, and Japan are implementing stringent regulations to curb pollution and reduce the industry's carbon footprint. This has led to a growing emphasis on eco-friendly printing technologies and the use of water-based, non-toxic inks. Furthermore, incentives, subsidies, and regulatory frameworks that encourage the adoption of sustainable practices have prompted textile manufacturers to invest in advanced printing technologies that align with these environmental guidelines.

### **Key players in the market**

Some of the key players in Textile Printing Technologies market include Dover Corporation, DuPont de Nemours, Inc, Epson Corporation, Hollanders Printing Systems B.V., Huntsman Corporation, Sensient Technologies Corporation, Konica Minolta, Inc, Kornit Digital Ltd, Print Equipment GmbH and Roland DG Corporation.

### **Key Developments:**

In January 2024, Epson Corporation has announced that it has fully transitioned to renewable energy for all its operations globally in its bid to reduce carbon emissions. Epson consumes around 876 Gwh (Gigawatt Hours) of electricity annually and with this shift, it anticipates reducing its carbon emission by about 400,000 tonnes.

In October 2023, Epson Introduces SureColor P5370 17-Inch Professional Photographic Printer. Empowering photographers to produce the finest exhibition quality prints, Epson introduced the new 17-inch SureColor® P5370 professional printer designed to meet the demanding needs of professional and production photographic markets.

In April 2023, Roland DG expands its portfolio with new VersaOBJECT brand products. The new lineup adds six new CO models to the company's series of large-format UV-LED flatbed inkjet printers, four of which have fixed flatbed tables with three different fixed table sizes for the 64-inch versions, and two printers built with belt systems.

#### Printing Methods Covered:

Block Printing

Digital Printing

Direct-to-Fabric Printing

Direct-to-Garment Printing

Discharge Printing

Heat Transfer Printing

Inkjet Printing

Roll-to-Roll Printing

Rotary Printing

Screen Printing

Other Printing Methods

### Ink Types Covered:

Acid Inks

Discharge Inks

Dye Sublimation Inks

Pigment Inks

Reactive Inks

Water-Based Inks

Other Ink Types

### Substrates Covered:

Cotton

Microfiber

Nylon

Polyester

Silk

Other Substrates

### Applications Covered:

Industrial

Display and Signage

Household

Garment and Apparel

Other Applications

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 2023, 2024, 2025, 2026, 2027, 2028, 2030, 3032 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

## 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 Application Analysis
- 3.7 Emerging Markets
- 3.8 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 TEXTILE PRINTING TECHNOLOGIES MARKET, BY PRINTING METHOD**

*Textile Printing Technologies Market Forecasts to 2034 – Global Analysis By Printing Method (Block Printing, D...*

- 5.1 Introduction
- 5.2 Block Printing
- 5.3 Digital Printing
- 5.4 Direct-to-Fabric Printing
- 5.5 Direct-to-Garment Printing
- 5.6 Discharge Printing
- 5.7 Heat Transfer Printing
- 5.8 Inkjet Printing
- 5.9 Roll-to-Roll Printing
- 5.10 Rotary Printing
- 5.11 Screen Printing
- 5.12 Other Printing Methods

## **6 GLOBAL TEXTILE PRINTING TECHNOLOGIES MARKET, BY INK TYPE**

- 6.1 Introduction
- 6.2 Acid Inks
- 6.3 Discharge Inks
- 6.4 Dye Sublimation Inks
- 6.5 Pigment Inks
- 6.6 Reactive Inks
- 6.7 Water-Based Inks
- 6.8 Other Ink Types

## **7 GLOBAL TEXTILE PRINTING TECHNOLOGIES MARKET, BY SUBSTRATE**

- 7.1 Introduction
- 7.2 Cotton
- 7.3 Microfiber
- 7.4 Nylon
- 7.5 Polyester
- 7.6 Silk
- 7.7 Other Substrates

## **8 GLOBAL TEXTILE PRINTING TECHNOLOGIES MARKET, BY APPLICATION**

- 8.1 Introduction
- 8.2 Industrial

- 8.3 Display and Signage
- 8.4 Household
- 8.5 Garment and Apparel
- 8.6 Other Applications

## **9 GLOBAL TEXTILE PRINTING TECHNOLOGIES MARKET, BY GEOGRAPHY**

- 9.1 Introduction
- 9.2 North America
  - 9.2.1 US
  - 9.2.2 Canada
  - 9.2.3 Mexico
- 9.3 Europe
  - 9.3.1 Germany
  - 9.3.2 UK
  - 9.3.3 Italy
  - 9.3.4 France
  - 9.3.5 Spain
  - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
  - 9.4.1 Japan
  - 9.4.2 China
  - 9.4.3 India
  - 9.4.4 Australia
  - 9.4.5 New Zealand
  - 9.4.6 South Korea
  - 9.4.7 Rest of Asia Pacific
- 9.5 South America
  - 9.5.1 Argentina
  - 9.5.2 Brazil
  - 9.5.3 Chile
  - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
  - 9.6.1 Saudi Arabia
  - 9.6.2 UAE
  - 9.6.3 Qatar
  - 9.6.4 South Africa
  - 9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

## **11 COMPANY PROFILING**

- 11.1 Dover Corporation
- 11.2 DuPont de Nemours, Inc
- 11.3 Epson Corporation
- 11.4 Hollanders Printing Systems B.V.
- 11.5 Huntsman Corporation
- 11.6 Sensient Technologies Corporation
- 11.7 Konica Minolta, Inc
- 11.8 Kornit Digital Ltd
- 11.9 Print Equipment GmbH
- 11.10 Roland DG Corporation

## List Of Tables

### LIST OF TABLES

Table 1 Global Textile Printing Technologies Market Outlook, By Region (2023-2034) (\$MN)

Table 2 Global Textile Printing Technologies Market Outlook, By Printing Method (2023-2034) (\$MN)

Table 3 Global Textile Printing Technologies Market Outlook, By Block Printing (2023-2034) (\$MN)

Table 4 Global Textile Printing Technologies Market Outlook, By Digital Printing (2023-2034) (\$MN)

Table 5 Global Textile Printing Technologies Market Outlook, By Direct-to-Fabric Printing (2023-2034) (\$MN)

Table 6 Global Textile Printing Technologies Market Outlook, By Direct-to-Garment Printing (2023-2034) (\$MN)

Table 7 Global Textile Printing Technologies Market Outlook, By Discharge Printing (2023-2034) (\$MN)

Table 8 Global Textile Printing Technologies Market Outlook, By Heat Transfer Printing (2023-2034) (\$MN)

Table 9 Global Textile Printing Technologies Market Outlook, By Inkjet Printing (2023-2034) (\$MN)

Table 10 Global Textile Printing Technologies Market Outlook, By Roll-to-Roll Printing (2023-2034) (\$MN)

Table 11 Global Textile Printing Technologies Market Outlook, By Rotary Printing (2023-2034) (\$MN)

Table 12 Global Textile Printing Technologies Market Outlook, By Screen Printing (2023-2034) (\$MN)

Table 13 Global Textile Printing Technologies Market Outlook, By Other Printing Methods (2023-2034) (\$MN)

Table 14 Global Textile Printing Technologies Market Outlook, By Ink Type (2023-2034) (\$MN)

Table 15 Global Textile Printing Technologies Market Outlook, By Acid Inks (2023-2034) (\$MN)

Table 16 Global Textile Printing Technologies Market Outlook, By Discharge Inks (2023-2034) (\$MN)

Table 17 Global Textile Printing Technologies Market Outlook, By Dye Sublimation Inks (2023-2034) (\$MN)

Table 18 Global Textile Printing Technologies Market Outlook, By Pigment Inks

(2023-2034) (\$MN)

Table 19 Global Textile Printing Technologies Market Outlook, By Reactive Inks

(2023-2034) (\$MN)

Table 20 Global Textile Printing Technologies Market Outlook, By Water-Based Inks

(2023-2034) (\$MN)

Table 21 Global Textile Printing Technologies Market Outlook, By Other Ink Types

(2023-2034) (\$MN)

Table 22 Global Textile Printing Technologies Market Outlook, By Substrate

(2023-2034) (\$MN)

Table 23 Global Textile Printing Technologies Market Outlook, By Cotton (2023-2034)

(\$MN)

Table 24 Global Textile Printing Technologies Market Outlook, By Microfiber

(2023-2034) (\$MN)

Table 25 Global Textile Printing Technologies Market Outlook, By Nylon (2023-2034)

(\$MN)

Table 26 Global Textile Printing Technologies Market Outlook, By Polyester

(2023-2034) (\$MN)

Table 27 Global Textile Printing Technologies Market Outlook, By Silk (2023-2034)

(\$MN)

Table 28 Global Textile Printing Technologies Market Outlook, By Other Substrates

(2023-2034) (\$MN)

Table 29 Global Textile Printing Technologies Market Outlook, By Application

(2023-2034) (\$MN)

Table 30 Global Textile Printing Technologies Market Outlook, By Industrial

(2023-2034) (\$MN)

Table 31 Global Textile Printing Technologies Market Outlook, By Display and Signage

(2023-2034) (\$MN)

Table 32 Global Textile Printing Technologies Market Outlook, By Household

(2023-2034) (\$MN)

Table 33 Global Textile Printing Technologies Market Outlook, By Garment and Apparel

(2023-2034) (\$MN)

Table 34 Global Textile Printing Technologies Market Outlook, By Other Applications

(2023-2034) (\$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: Textile Printing Technologies Market Forecasts to 2034 – Global Analysis By Printing Method (Block Printing, Digital Printing, Direct-to-Fabric Printing, Direct-to-Garment Printing, Discharge Printing and Other Printing Methods), Ink Type (Acid Inks, Discharge Inks, Dye Sublimation Inks and Other Ink Types), Substrate, Application and By Geography

Product link: <https://marketpublishers.com/r/TDFC3D2C3FB9EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/TDFC3D2C3FB9EN.html>