

## **Antimicrobial Textile - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029**

Market Report | 2024-02-17 | 130 pages | Mordor Intelligence

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### **Report description:**

The Antimicrobial Textile Market size is estimated at USD 13.27 billion in 2024, and is expected to reach USD 15.95 billion by 2029, growing at a CAGR of 3.75% during the forecast period (2024-2029).

In the year 2020, due to the breakdown of Covid-19, the demand for microbial textiles increased. Since then, the demand for hygienic and protective textiles is increasing for various applications all over the globe.

#### Key Highlights

- Factors such as growing demand from the healthcare industry and increasing application in sportswear are driving market growth.
- However, stringent environmental regulations are hindering the market growth.
- The development of non-toxic and bio-compatible products will act as an opportunity for the growth of the market during the forecast period.
- North America dominated the market across the globe with the largest consumption from the United States.

#### Antimicrobial Textiles Market Trends

##### Increasing Application in Medical Textiles

- Antimicrobial agents are used to kill microorganisms or to inhibit their growth. Antimicrobial fibers are textiles to which

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antimicrobial agents have been applied, either at the surface or within the fibers.

- Antimicrobial agents are introduced to the fiber during spinning or extrusion, combined with dyes or pigments, or applied as a finishing process. The chosen method is determined by a variety of factors including the final use of the fabric, the capability of the manufacturer, and the budget.
- The healthcare industry leads in the usage of antimicrobial textiles. These textiles are used in making medical curtains, bed sheets, and pillow coverings, mattress covers and linens, hospital gowns which help to check microbe's growth on the substrate.
- In the United States, in the fourth quarter of 2022, a new hospital construction started with a project value of USD 5,000 million in Nevada. As of 2022, according to the American Hospital Association, there are a total of 6,129 hospitals in the country.
- Further, due to the outbreak of Covid-19, in China the government built various hospitals to cater to growing number of patients. A new medical building which comprises of International Oncology Center is set to be completed in 2023 in West China.
- Such new projects across various countries will increase the demand for antimicrobial textiles for the staff and patients over the forecast period.

#### Asia-Pacific Region to be the Fastest Growing Region

- The Asia-Pacific region is expected to be the fastest-growing market for antimicrobial textiles during the forecast period. In countries like China, India, and Japan because of growing public health awareness, the demand and utilization of antimicrobial textiles has been increasing the scope of the Antimicrobial Textile Market during the forecast period.
- The largest producers of antimicrobial textiles are located in the Asia-Pacific region. Some of the leading companies in the production of antimicrobial textiles are Unitika Trading Co. Ltd, Birlacril, Jinda Nano Tech (Xiamen) Co., Ltd, Surgicotfab Textiles Pvt.Ltd, and Sanitized AG among others.
- In August 2022, in Faridabad, India, a 2,600-bed private hospital was inaugurated which is equipped with cutting-edge technology, including a centralized fully-automated technology.
- Further, in September 2022, the Armed Forces of the Philippines (AFP) started the construction of a new three-storey hospital building in Lucena, Quezon. This hospital will feature 25 beds and offers in-patient, outpatient, emergency, and additional services.
- Such trends in the region will increase the demand for antimicrobial textiles in the region over the forecast period.

#### Antimicrobial Textiles Industry Overview

The global antimicrobial textiles market is highly fragmented with players accounting for a marginal share of the market. A few companies include (not in any particular order) Birlacril, Jinda Nano Tech (Xiamen) Co., Ltd, Surgicotfab Textiles Pvt Ltd., Trevira GmbH, and UNITIKA LTD among others.

#### Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

#### **Table of Contents:**

- 1 INTRODUCTION
- 1.1 Study Assumptions
- 1.2 Scope of the Study

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## 2 RESEARCH METHODOLOGY

## 3 EXECUTIVE SUMMARY

## 4 MARKET DYNAMICS

### 4.1 Drivers

4.1.1 Growing Demand from Healthcare Industry

4.1.2 Increasing Application in Sportswear

4.1.3 Other Drivers

### 4.2 Restraints

4.2.1 Stringent Environmental Regulations

4.2.2 Other Restraints

### 4.3 Industry Value Chain Analysis

### 4.4 Porter's Five Forces Analysis

4.4.1 Threat of New Entrants

4.4.2 Bargaining Power of Buyers

4.4.3 Bargaining Power of Suppliers

4.4.4 Threat of Substitute Products

4.4.5 Degree of Competition

## 5 MARKET SEGMENTATION (Market Size in Value)

### 5.1 Type

5.1.1 Quaternary Ammonium

5.1.2 Triclosan

5.1.3 Cyclodextrin

5.1.4 Chitosan

5.1.5 Others

### 5.2 Application

5.2.1 Medical Textiles

5.2.2 Apparel

5.2.3 Home Textiles

5.2.4 Industrial Textiles

5.2.5 Others

### 5.3 Geography

5.3.1 Asia-Pacific

5.3.1.1 China

5.3.1.2 India

5.3.1.3 Japan

5.3.1.4 South Korea

5.3.1.5 Rest of Asia-Pacific

5.3.2 North America

5.3.2.1 United States

5.3.2.2 Canada

5.3.2.3 Mexico

5.3.3 Europe

5.3.3.1 Germany

5.3.3.2 United Kingdom

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- 5.3.3.3 France
- 5.3.3.4 Italy
- 5.3.3.5 Rest of Europe
- 5.3.4 South America
  - 5.3.4.1 Brazil
  - 5.3.4.2 Argentina
  - 5.3.4.3 Rest of South America
- 5.3.5 Middle-East and Africa
  - 5.3.5.1 Saudi Arabia
  - 5.3.5.2 South Africa
  - 5.3.5.3 Rest of Middle-East and Africa

## 6 COMPETITIVE LANDSCAPE

- 6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements
- 6.2 Market Share(%)\*\*/Ranking Analysis
- 6.3 Strategies Adopted by Leading Players
- 6.4 Company Profiles
  - 6.4.1 Birlacril
  - 6.4.2 Herculite
  - 6.4.3 Jinda Nano Tech(Xiamen) Co.,Ltd
  - 6.4.4 LifeThreads
  - 6.4.5 Microban International
  - 6.4.6 Milliken Pivots Textile Manufacturing
  - 6.4.7 Sanitized AG
  - 6.4.8 Sinterama S.p.A.
  - 6.4.9 Surgicotfab Textiles Pvt Ltd.
  - 6.4.10 Trevira GmbH
  - 6.4.11 UNITIKA LTD.

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

- 7.1 Development of Non-Toxic and Bio-Compatible Products
- 7.2 Other Opportunities

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