

Antimicrobial Textiles Market Size, Share, and Analysis, By Active Agents (Metal & Metallic Salts, Synthetic Organic Compounds, Biobased Agents), By Application (Medical Textile, Apparels, Home Textile), By Fabric (Polyester, Polyamide, Cotton), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

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Abstracts

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PRODUCT OVERVIEW

Antimicrobial Textiles Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 6.9% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 13.7 billion and is projected to reach USD 28.4 billion by the completion of 2034.

Antimicrobial textiles are carefully engineered fabrics which are designed to restrict the growth and proliferation of microorganisms including bacteria and viruses. Antimicrobial compounds are used in these textiles to prevent or reduce microbial colonization on their surfaces. The primary objective is to develop materials with sanitary and odor-resistant properties that can be used in medical, sports, and daily clothing. Moreover, antimicrobial fabrics serve an important role in promoting

cleanliness and reducing the risk of infection, which makes them extremely useful in healthcare and high-traffic settings. Therefore, antimicrobial fabrics present a useful choice for improving health and well-being across multiple applications as the need for hygiene-focused products rises.

MARKET HIGHLIGHTS

Antimicrobial textiles market is expected to reach USD 28.4 billion over the forecast period, driven by growing awareness of hygiene, especially in healthcare and sportswear sectors. The rising concern about infectious diseases has pushed the requirement for antimicrobial textiles due to their effectiveness in inhibiting microbial growth. This surge in demand is evident in medical textiles, such as surgical gowns and face masks, along with sportswear and casual apparel. Additionally, the utilization of antimicrobial textiles within home textiles like bedding and furniture is constantly expanding. Furthermore, key industry players are actively investing in research and development to improve product efficacy, which is anticipated to continue the growth trajectory of the antimicrobial textile market.

Antimicrobial Textiles Market Segments:

By Active Agent

Metal & Metallic Salts

Synthetic Organic Compounds

Biobased Agents

By Application

Medical Textile

Apparels

Home Textile

By Fabric

Polyester

Polyamide

Cotton

MARKET DYNAMICS

Growth Drivers

Rising Hygiene Awareness t%li%Open Up Development Opportunities

Growing Infections Associated with Healthcare Will Offer New Growth Prospects

Restraint

Environmental Concerns Could Be Limiting Industry Growth

Key Players

Milliken & Company

Microban International, Ltd.

Sanitized AG

The Dow Chemical Company

Herculite Products, Inc.

Lonza Group Ltd.

BASF SE

Unitika Trading Co., Ltd.

Biocote Limited

Life Material Technologies Limited

Vestagen Protective Technologies, Inc.

PurThread Technologies, Inc.

Thai Acrylic Fibre Co., Ltd.

Sinterama S.p.A.

HeiQ Materials AG

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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