

Technical Textiles: Global Markets

Market Research Report | 2022-08-31 | 170 pages | BCC Research

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Report description:

Description

Report Scope:

The scope of this report is broad and covers various product types used across technical textile and end-user's segment. This report classifies the product types as synthetic polymers, natural fibers, mineral fibers, metal fibers, regenerated fibers, and others.

End-user industries covered include protective clothing and equipment, sporting nets, ropes, reflective safety vests, protective linings for military uniforms and equipment, seatbelts and safety harnesses, carpets, curtains, cargo nets, filters, fish nets, cargo nets, bags, protective coverings, lawn mower bags, and various others. These industries rely on textiles for support, filtration, safety, and more.

In this report, the market has been segmented based on industrial end-use category, material type, form of material, application, and region. It offers an overview of the global market for technical textiles and analyzes global market trends, considering base year of 2021 and estimates for 2022 and 2027. Estimated values are derived from manufacturers' total revenues.

The report also includes a discussion of the major players in the market. Further, it explains the major drivers and regional dynamics of the market for technical textiles and current trends within the industry. The report concludes with a special focus on the vendor landscape and includes detailed profiles of the major vendors in the global market for technical textiles.

Report Includes:

- 43 data tables and 41 additional tables

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- An up-to-date overview of the global markets for technical textiles within the industry
- Analyses of the global market trends, with historic market revenue for 2021, estimates for 2022, and projections of compound annual growth rates (CAGRs) through 2027
- Estimation of the actual market size for technical textiles in USD million values, market forecast, and corresponding market share analysis by type of material, material form, industrial end-use category, and geographic region
- Highlights of the key growth driving factors and constraints that will shape the market for technical textiles as the basis for projecting demand over the next five years (2022-2027)
- Discussion of the COVID-19 pandemic impact on the global market for technical textiles
- Insight into the industry value chain analysis providing a systematic study of key intermediaries involved, with emphasis on manufacturers and producers of industrial raw materials, converters (producers of end-products), and end-markets
- Identification of the fastest-growing applications and technologies, and a holistic review of the current market trends that leads to surge in demand for technical textiles production
- Assessment of the vendors landscape comprising key market participants, their global market share analysis, product portfolios and financial overviews etc.
- Updated information on recent mergers, acquisitions, expansions, collaborations, investments, divestments, new product launches, and other strategic developments within the marketplace
- Detailed profiles of the leading market vendors, including Asahi Kasei Corp., Berry Global Group, DuPont, Kimberly-Clarke, Mitsui Chemicals Inc., and Freudenberg & Co.

Executive Summary

Summary:

Technical textiles are flexible fabrics that have applications in multiple industries, including the vehicle, civil engineering and construction, agriculture, healthcare, industrial safety, and personal security industries. There are 12 industrial textile categories based on use: agrotech, meditech, buildtech, mobiltech, clothtech, oekotech, geotech, packtech, hometech, protech, indutech, and sportech.

The world has seen increased globalization and outsourcing in recent years, resulting in a dramatic change in how operations work in sectors such as textiles. With the development of newer and better textiles, there is an increasing need to enhance their quality and effectiveness.

The global demand for technical textiles has also grown. It is an emerging field of sophisticated technology that is steadily gaining ground in India, among other places. Additionally, high demand from various sectors, such as construction and automotive, has resulted in growth for the technical textile sector. The textile industry also recognizes areas of technical textiles that need to be developed, and it is contributing adequate time and money to these areas. Such efforts are paying off, as advanced textiles are gaining traction worldwide.

According to BCC Research, the market for technical textiles was valued at \$REDACTED in 2021. The market is likely to reach \$REDACTED by 2027, growing at a CAGR of REDACTED% during the forecast period. Growth in the market is primarily driven by product innovation, focused on properties such as strength, durability, and growth, by global industries that rely on technical textiles for their end uses. Nonetheless, factors such as high manufacturing costs, product prices, and the availability of low quality-goods to replace technical textiles are restricting factors for this industry.

China and the U.S. held the largest shares of the global market for technical textiles in 2021, and the technical textile sector is continuously developing and growing. Asia-Pacific is projected to produce approximately \$REDACTED in revenue by 2027. Due to factors such as improving technology, growing demand from different industries, and increasing support from governments,

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technological textiles are expected to become a massive market in countries worldwide, with Asia-Pacific being the pioneer.

There's also been a change in the understanding of the market for technical textiles. North America and Europe were conventionally the main markets for technical textiles but, very recently, demand from Asia-Pacific eclipsed demand in other regions. Given the advantages and revenues of technological textiles, developing countries like India are also focusing on developing this market.

The materials used in technical textiles include natural fiber, synthetic polymers, mineral, metal, regenerated fabrics, and several other materials. Regenerated fabrics are likely to grow at the highest CAGR, followed by natural fibers. Synthetic polymers are also becoming very important in the market for technical textiles, as they have many desirable properties: they are lightweight, non-breakable, long lasting, and simple to mold. Due to its low cost, synthetic polymer is in demand; in particular, rising demand from the packaging and food industries will help boost the global synthetic polymer market

Table of Contents:

Table of Contents

Chapter 1 Introduction

1.1 About Technical Textiles

1.2 Study Goals and Objectives

1.3 Reason for Doing this Study

1.4 Intended Audience

1.5 What's New in this Update?

1.6 Scope of Report

1.7 Methodology and Information Sources

1.8 Geographical Breakdown

1.9 Analyst's Credentials

1.10 BCC Custom Research

1.11 Related BCC Research Reports

Chapter 2 Summary and Highlights

Chapter 3 Technical Textile Industry Overview

3.1 Product Description

3.2 Value Chain Analysis of Technical Textiles

3.3 Factors Driving the Growth of the Market for Technical Textiles

3.3.1 Growth of Industry Sectors

3.3.1 Increasing Demand for Respirators, Face Masks and Protective Clothing Following Coronavirus Outbreak

3.3.1 Government Support Vital in Determining the Market for Technical Textiles in Fast-Developing Asian Countries

3.4 Factors Restricting the Growth of the Market for Technical Textiles

3.4.1 Environmental Impact of Technical Textiles

3.5 Opportunities in the Market for Technical Textiles

3.5.1 Smart Textiles

3.5.2 Replacement of Traditional Materials

Chapter 4 Pricing Analysis

4.1 Overview

4.2 Segmental Pricing Analysis

4.2.1 Mobiltech or Mobiltex

4.2.2 Indutech

4.2.3 Sportech

4.2.4 Hometech or Hometex

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- 4.2.5 Buildtech
- 4.2.6 Packtech
- 4.2.7 Clothtech or Clothtex
- 4.2.8 Meditech
- 4.2.9 Protech
- 4.2.10 Agrotech
- 4.2.11 Oekotech
- 4.2.12 Geotech

Chapter 5 Market Flow and Impact of Covid-19

- 5.1 Impact of the COVID-19 Pandemic

Chapter 6 Market Breakdown by Type of Material

- 6.1 Introduction
- 6.2 Market Size Estimation and Forecast
- 6.3 Synthetic Polymers
 - 6.3.1 Nylon
 - 6.3.2 Polyvinyl Chloride
 - 6.3.3 Low-Density Polyethylene
 - 6.3.4 Polypropylene
 - 6.3.5 Market Size Estimation and Forecast
- 6.4 Natural Fibers
 - 6.4.1 Market Size Estimation and Forecast
- 6.5 Mineral Fibers
 - 6.5.1 Market Size Estimation and Forecast
- 6.6 Metal Fibers
 - 6.6.1 Market Size Estimation and Forecast
- 6.7 Regenerated Fibers
 - 6.7.1 Rayon
 - 6.7.2 Acetate
 - 6.7.3 Market Size Estimation and Forecast
- 6.8 Other Technical Textile Fibers
 - 6.8.1 Glass Fibers
 - 6.8.2 Basalt Fibers
 - 6.8.3 Carbon Fibers
 - 6.8.4 Ceramic Fibers
 - 6.8.5 Market Size Estimation and Forecast

Chapter 7 Market Breakdown by Form of Material

- 7.1 Introduction
- 7.2 Woven Technical Textiles
 - 7.2.1 Types
 - 7.2.2 Market Size Estimation and Forecast
- 7.3 Nonwoven Technical Textiles
 - 7.3.1 Market Size Estimation and Forecast
- 7.4 Knitted Technical Textiles
 - 7.4.1 Types of Knitted Fabric
 - 7.4.2 Market Size Estimation and Forecast
- 7.5 Other Forms of Technical Textile Materials
 - 7.5.1 Market Size Estimation and Forecast

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Chapter 8 Market Breakdown by Manufacturing Process

8.1 Overview

8.2 Thermo-forming

8.3 3D Knitting

8.4 3D Weaving

Chapter 9 Market Breakdown by Industrial End-Use Category

9.1 Introduction

9.2 Market Size Estimation and Forecast

9.3 Mobiltech (Automotive Textiles)

9.3.1 Overview

9.3.2 Market Size Estimation and Forecast

9.3.3 Mobiltech End Uses

9.4 Indutech (Industrial Textiles)

9.4.1 Overview

9.4.2 Market Size Estimation and Forecast

9.4.3 Indutech End Uses

9.5 Sportech (Sports Textiles)

9.5.1 Overview

9.5.2 Market Size Estimation and Forecast

9.5.3 Sportech End Uses

9.6 Buildtech (Construction Textiles)

9.6.1 Overview

9.6.2 Market Size Estimation and Forecast

9.6.3 Buildtech End Uses

9.7 Hometech (Home Textiles)

9.7.1 Overview

9.7.2 Market Size Estimation and Forecast

9.7.3 Hometech End Uses

9.8 Clothtech (Clothing Textiles)

9.8.1 Overview

9.8.2 Market Size Estimation and Forecast

9.8.3 Clothtech End Uses

9.9 Meditech (Medical Textiles)

9.9.1 Overview

9.9.2 Market Size Estimation and Forecast

9.9.3 Meditech End Uses

9.10 Agrotech (Agro Textiles)

9.10.1 Overview

9.10.2 Market Size Estimation and Forecast

9.10.3 Agrotech End Uses

9.11 Protech (Protective Textiles)

9.11.1 Overview

9.11.2 Market Size Estimation and Forecast

9.11.3 Protech End Uses

9.12 Packtech (Packaging Textiles)

9.12.1 Overview

9.12.2 Market Size Estimation and Forecast

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- 9.12.3 Packtech End Uses
- 9.13 Geotech (Geotextiles)
 - 9.13.1 Overview
 - 9.13.2 Market Size Estimation and Forecast
 - 9.13.3 Geotech End Uses
- 9.14 Oekotech (Environmental Textiles)
 - 9.14.1 Overview
 - 9.14.2 Market Size Estimation and Forecast
 - 9.14.3 Oekotech End Uses
- Chapter 10 Market Breakdown by Region
 - 10.1 Overview
 - 10.2 Asia-Pacific
 - 10.2.1 Overview of the Asia-Pacific Market for Technical Textiles
 - 10.2.2 Asia-Pacific Market for Technical Textiles by Industrial End-Use Category
 - 10.2.3 Asia-Pacific Market for Technical Textiles by Type of Material
 - 10.2.4 Asia-Pacific Market for Technical Textiles by Form of Material
 - 10.2.5 Asia-Pacific Market for Technical Textiles by Country
 - 10.3 North America
 - 10.3.1 Overview of the North American Market for Technical Textiles
 - 10.3.2 North American Market for Technical Textiles by Industrial End-Use Category
 - 10.3.3 North American Market for Technical Textiles by Type of Material
 - 10.3.4 North American Market for Technical Textiles by Form of Material
 - 10.3.5 North American Market for Technical Textiles by Country
 - 10.4 Europe
 - 10.4.1 Overview of the European Market for Technical Textiles
 - 10.4.2 European Market for Technical Textiles by Industrial End-Use Category
 - 10.4.3 European Market for Technical Textiles by Type of Material
 - 10.4.4 European Market for Technical Textiles by Form of Material
 - 10.4.5 European Market for Technical Textiles by Country
 - 10.5 Rest of the World
 - 10.5.1 Overview of the ROW Market for Technical Textiles
 - 10.5.2 ROW Market for Technical Textiles by Industrial End-Use Category
 - 10.5.3 ROW Market for Technical Textiles by Type of Material
 - 10.5.4 ROW Market for Technical Textiles by Form of Material
 - 10.5.5 ROW Market for Technical Textiles by Sub-Region
- Chapter 11 Competitive Landscape
 - 11.1 Introduction
 - 11.1.1 Acquisitions
 - 11.1.2 Awards
 - 11.1.3 Divestments
 - 11.1.4 Expansions
 - 11.1.5 Investments
 - 11.1.6 New Facilities
 - 11.1.7 New Product Launches
 - 11.1.8 Trade Fairs
 - 11.1.9 Other Developments (Collaborations, Exhibitions, Joint Ventures, Product Developments)
- Chapter 12 Company Profiles

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12.1 Leading Vendors

ASAHI KASEI CORP.

BERRY GLOBAL GROUP INC.

DUPONT

ELEVATE TEXTILES INC.

FREUDENBERG GROUP

HUNTSMAN INTERNATIONAL LLC

KIMBERLY-CLARK

KONINKLIJKE TEN CATE B.V.

MILLIKEN & CO., INC.

MITSUI CHEMICALS INC.

TOYOBO CO., LTD.

Chapter 13 Appendix: List of Acronyms

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