

## **Technical Textiles: Global Markets**

Market Research Report | 2024-10-30 | 153 pages | BCC Research

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### **Report description:**

Description

Report Scope

This report includes details about various forms of technical textile material, manufacturing processes, types of material, and end-use industries for technical textiles. Estimated values are based on manufacturers' total revenues. Projected revenue values are in constant U.S. dollars, unadjusted for inflation. The report contains comprehensive information regarding technical textiles and users thereof.

The global technical textiles market is segmented into the following categories:

- Form of material (woven, nonwoven, knitted, and others).
- Type of material (synthetic polymers, natural fibers, mineral fibers, metal fibers, regenerated fibers, and others).
- Manufacturing process (3D weaving, 3D knitting, thermo-forming, and others)
- End-use (mobiltech, indutech, packtech, sportech, hometech, clothtech, buildtech, meditech, protech, agrotech, oekotech, and geotech).
- Region: (North America, Europe, Asia-Pacific, South America, and Middle East & Africa).

Report Includes

- 136 data tables and 47 additional tables
- An up-to-date overview of the global markets for technical textiles within the industry
- Analyses of the global market trends, with data from 2023, estimates for 2024, forecasts for 2028, and projections of compound annual growth rates (CAGRs) through 2029
- Evaluation of the current market size and prospects for revenue growth, accompanied by a market share analysis by type of material, form of material, manufacturing process, end-use industry and geographical region
- A look at the key growth drivers and constraints that will shape the market for technical textiles over the period of 2024-2029
- Insight into the industry value chain analysis and the intermediaries involved, with emphasis on manufacturers and producers of industrial raw materials, converters (producers of end-products), and end markets

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- Identification of the fastest-growing applications and technologies, and a review of the trends that have led to a surge in demand for technical textiles
- A discussion of the ESG challenges and ESG practices of the makers of technical textiles
- Assessment of the vendor landscape, including , their market shares, product portfolios and financial overviews
- Update on recent mergers and acquisitions (M&A), expansions into new markets, collaborations, investments and divestments
- Profiles of the leading market vendors, including Toray Industries Inc., Asahi Kasei Corp., Freudenberg Group, DuPont, and Berry Global Inc.

## Executive Summary

### Summary:

Technical fabrics are renowned for their exceptional performance and unique qualities. Technical textiles possess special qualities such as strength, durability and flame resistance. The global technical textiles market is further driven by defense spending and the expanding industrial applications of technical textiles. The use of protective gear, airbag systems, geotextiles, filtration textiles, UVprotected fabrics, textile laminates, fire-resistant fabrics, and protective garments in developing nations increases the significance of technological textiles in the world economy.

The mobiltech industry is the key consumer of technical textiles in the global economy. In the mobiltech sector, technical textiles are used in the production of airbags, carpets, heat shields, body covers, seat covers, tires, insulation felts, and railway fabrics. Growing automotive sales around the world are a key factor in the global technical textiles market.

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