

Global Smart Fabrics and Textiles Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/G3B73ED5F7F5EN.html>

Date: April 2024

Pages: 133

Price: US\$ 3,950.00 (Single User License)

ID: G3B73ED5F7F5EN

Abstracts

Smart Fabrics and Textiles are fabrics that have been designed and manufactured to include technologies that provide the wearer with increased functionality.

Smart Fabrics and Textiles are defined as textiles that can sense and react via an active control mechanism to environmental conditions or stimuli from mechanical, thermal, chemical, electrical or magnetic sources.

According to APO Research, The global Smart Fabrics and Textiles market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Global Smart Fabrics and Textiles key players include Textronics, Milliken, Toray Industries, Peratech, etc. Global top four manufacturers hold a share about 25%.

North America is the largest market, with a share about 50%, followed by China, and Europe, both have a share over 30 percent.

In terms of product, Passive Smart Fabrics and Textiles is the largest segment, with a share over 35%. And in terms of application, the largest application is Military Uses, followed by Civil Uses, Healthcare Uses, etc.

In terms of production side, this report researches the Smart Fabrics and Textiles production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Smart Fabrics and Textiles by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Smart Fabrics and Textiles, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Smart Fabrics and Textiles, also provides the consumption of main regions and countries. Of the upcoming market potential for Smart Fabrics and Textiles, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Smart Fabrics and Textiles sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Smart Fabrics and Textiles market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Smart Fabrics and Textiles sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Textronics, Milliken, Toray Industries, Peratech, DuPont, Clothing+, Outlast, d3o lab and Schoeller Textiles AG, etc.

Smart Fabrics and Textiles segment by Company

Textronics

Milliken

Toray Industries

Peratech

DuPont

Clothing+

Outlast

d3o lab

Schoeller Textiles AG

Texas Instruments

Exo2

Vista Medical Ltd.

Ohmatex ApS

Interactive Wear AG

Smart Fabrics and Textiles segment by Type

Passive Smart Fabrics and Textiles

Active Smart Fabrics and Textiles

Ultra-Smart Fabrics and Textiles

Smart Fabrics and Textiles segment by Application

Military

Civil

Healthcare

Others

Smart Fabrics and Textiles segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.

6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Smart Fabrics and Textiles market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Smart Fabrics and Textiles and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Smart Fabrics and Textiles.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Smart Fabrics and Textiles market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Smart Fabrics and Textiles industry.

Chapter 3: Detailed analysis of Smart Fabrics and Textiles market competition landscape. Including Smart Fabrics and Textiles manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Smart Fabrics and Textiles by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Smart Fabrics and Textiles in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Smart Fabrics and Textiles Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Smart Fabrics and Textiles Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global Smart Fabrics and Textiles Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global Smart Fabrics and Textiles Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL SMART FABRICS AND TEXTILES MARKET DYNAMICS

- 2.1 Smart Fabrics and Textiles Industry Trends
- 2.2 Smart Fabrics and Textiles Industry Drivers
- 2.3 Smart Fabrics and Textiles Industry Opportunities and Challenges
- 2.4 Smart Fabrics and Textiles Industry Restraints

3 SMART FABRICS AND TEXTILES MARKET BY MANUFACTURERS

- 3.1 Global Smart Fabrics and Textiles Production Value by Manufacturers (2019-2024)
- 3.2 Global Smart Fabrics and Textiles Production by Manufacturers (2019-2024)
- 3.3 Global Smart Fabrics and Textiles Average Price by Manufacturers (2019-2024)
- 3.4 Global Smart Fabrics and Textiles Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Smart Fabrics and Textiles Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Smart Fabrics and Textiles Manufacturers, Product Type & Application
- 3.7 Global Smart Fabrics and Textiles Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Smart Fabrics and Textiles Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Smart Fabrics and Textiles Players Market Share by Production Value in 2023
 - 3.8.3 2023 Smart Fabrics and Textiles Tier 1, Tier 2, and Tier

4 SMART FABRICS AND TEXTILES MARKET BY TYPE

4.1 Smart Fabrics and Textiles Type Introduction

4.1.1 Passive Smart Fabrics and Textiles

4.1.2 Active Smart Fabrics and Textiles

4.1.3 Ultra-Smart Fabrics and Textiles

4.2 Global Smart Fabrics and Textiles Production by Type

4.2.1 Global Smart Fabrics and Textiles Production by Type (2019 VS 2023 VS 2030)

4.2.2 Global Smart Fabrics and Textiles Production by Type (2019-2030)

4.2.3 Global Smart Fabrics and Textiles Production Market Share by Type (2019-2030)

4.3 Global Smart Fabrics and Textiles Production Value by Type

4.3.1 Global Smart Fabrics and Textiles Production Value by Type (2019 VS 2023 VS 2030)

4.3.2 Global Smart Fabrics and Textiles Production Value by Type (2019-2030)

4.3.3 Global Smart Fabrics and Textiles Production Value Market Share by Type (2019-2030)

5 SMART FABRICS AND TEXTILES MARKET BY APPLICATION

5.1 Smart Fabrics and Textiles Application Introduction

5.1.1 Military

5.1.2 Civil

5.1.3 Healthcare

5.1.4 Others

5.2 Global Smart Fabrics and Textiles Production by Application

5.2.1 Global Smart Fabrics and Textiles Production by Application (2019 VS 2023 VS 2030)

5.2.2 Global Smart Fabrics and Textiles Production by Application (2019-2030)

5.2.3 Global Smart Fabrics and Textiles Production Market Share by Application (2019-2030)

5.3 Global Smart Fabrics and Textiles Production Value by Application

5.3.1 Global Smart Fabrics and Textiles Production Value by Application (2019 VS 2023 VS 2030)

5.3.2 Global Smart Fabrics and Textiles Production Value by Application (2019-2030)

5.3.3 Global Smart Fabrics and Textiles Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

6.1 Textronics

6.1.1 Textronics Company Information

6.1.2 Textronics Business Overview

6.1.3 Textronics Smart Fabrics and Textiles Production, Value and Gross Margin
(2019-2024)

6.1.4 Textronics Smart Fabrics and Textiles Product Portfolio

6.1.5 Textronics Recent Developments

6.2 Milliken

6.2.1 Milliken Company Information

6.2.2 Milliken Business Overview

6.2.3 Milliken Smart Fabrics and Textiles Production, Value and Gross Margin
(2019-2024)

6.2.4 Milliken Smart Fabrics and Textiles Product Portfolio

6.2.5 Milliken Recent Developments

6.3 Toray Industries

6.3.1 Toray Industries Company Information

6.3.2 Toray Industries Business Overview

6.3.3 Toray Industries Smart Fabrics and Textiles Production, Value and Gross Margin
(2019-2024)

6.3.4 Toray Industries Smart Fabrics and Textiles Product Portfolio

6.3.5 Toray Industries Recent Developments

6.4 Peratech

6.4.1 Peratech Company Information

6.4.2 Peratech Business Overview

6.4.3 Peratech Smart Fabrics and Textiles Production, Value and Gross Margin
(2019-2024)

6.4.4 Peratech Smart Fabrics and Textiles Product Portfolio

6.4.5 Peratech Recent Developments

6.5 DuPont

6.5.1 DuPont Company Information

6.5.2 DuPont Business Overview

6.5.3 DuPont Smart Fabrics and Textiles Production, Value and Gross Margin
(2019-2024)

6.5.4 DuPont Smart Fabrics and Textiles Product Portfolio

6.5.5 DuPont Recent Developments

6.6 Clothing+

6.6.1 Clothing+ Company Information

- 6.6.2 Clothing+ Business Overview
- 6.6.3 Clothing+ Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
- 6.6.4 Clothing+ Smart Fabrics and Textiles Product Portfolio
- 6.6.5 Clothing+ Recent Developments
- 6.7 Outlast
 - 6.7.1 Outlast Comapny Information
 - 6.7.2 Outlast Business Overview
 - 6.7.3 Outlast Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.7.4 Outlast Smart Fabrics and Textiles Product Portfolio
 - 6.7.5 Outlast Recent Developments
- 6.8 d3o lab
 - 6.8.1 d3o lab Comapny Information
 - 6.8.2 d3o lab Business Overview
 - 6.8.3 d3o lab Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.8.4 d3o lab Smart Fabrics and Textiles Product Portfolio
 - 6.8.5 d3o lab Recent Developments
- 6.9 Schoeller Textiles AG
 - 6.9.1 Schoeller Textiles AG Comapny Information
 - 6.9.2 Schoeller Textiles AG Business Overview
 - 6.9.3 Schoeller Textiles AG Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.9.4 Schoeller Textiles AG Smart Fabrics and Textiles Product Portfolio
 - 6.9.5 Schoeller Textiles AG Recent Developments
- 6.10 Texas Instruments
 - 6.10.1 Texas Instruments Comapny Information
 - 6.10.2 Texas Instruments Business Overview
 - 6.10.3 Texas Instruments Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.10.4 Texas Instruments Smart Fabrics and Textiles Product Portfolio
 - 6.10.5 Texas Instruments Recent Developments
- 6.11 Exo2
 - 6.11.1 Exo2 Comapny Information
 - 6.11.2 Exo2 Business Overview
 - 6.11.3 Exo2 Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.11.4 Exo2 Smart Fabrics and Textiles Product Portfolio

- 6.11.5 Exo2 Recent Developments
- 6.12 Vista Medical Ltd.
 - 6.12.1 Vista Medical Ltd. Company Information
 - 6.12.2 Vista Medical Ltd. Business Overview
 - 6.12.3 Vista Medical Ltd. Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.12.4 Vista Medical Ltd. Smart Fabrics and Textiles Product Portfolio
 - 6.12.5 Vista Medical Ltd. Recent Developments
- 6.13 Ohmatex ApS
 - 6.13.1 Ohmatex ApS Company Information
 - 6.13.2 Ohmatex ApS Business Overview
 - 6.13.3 Ohmatex ApS Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.13.4 Ohmatex ApS Smart Fabrics and Textiles Product Portfolio
 - 6.13.5 Ohmatex ApS Recent Developments
- 6.14 Interactive Wear AG
 - 6.14.1 Interactive Wear AG Company Information
 - 6.14.2 Interactive Wear AG Business Overview
 - 6.14.3 Interactive Wear AG Smart Fabrics and Textiles Production, Value and Gross Margin (2019-2024)
 - 6.14.4 Interactive Wear AG Smart Fabrics and Textiles Product Portfolio
 - 6.14.5 Interactive Wear AG Recent Developments

7 GLOBAL SMART FABRICS AND TEXTILES PRODUCTION BY REGION

- 7.1 Global Smart Fabrics and Textiles Production by Region: 2019 VS 2023 VS 2030
- 7.2 Global Smart Fabrics and Textiles Production by Region (2019-2030)
 - 7.2.1 Global Smart Fabrics and Textiles Production by Region: 2019-2024
 - 7.2.2 Global Smart Fabrics and Textiles Production by Region (2025-2030)
- 7.3 Global Smart Fabrics and Textiles Production by Region: 2019 VS 2023 VS 2030
- 7.4 Global Smart Fabrics and Textiles Production Value by Region (2019-2030)
 - 7.4.1 Global Smart Fabrics and Textiles Production Value by Region: 2019-2024
 - 7.4.2 Global Smart Fabrics and Textiles Production Value by Region (2025-2030)
- 7.5 Global Smart Fabrics and Textiles Market Price Analysis by Region (2019-2024)
- 7.6 Regional Production Value Trends (2019-2030)
 - 7.6.1 North America Smart Fabrics and Textiles Production Value (2019-2030)
 - 7.6.2 Europe Smart Fabrics and Textiles Production Value (2019-2030)
 - 7.6.3 Asia-Pacific Smart Fabrics and Textiles Production Value (2019-2030)
 - 7.6.4 Latin America Smart Fabrics and Textiles Production Value (2019-2030)

7.6.5 Middle East & Africa Smart Fabrics and Textiles Production Value (2019-2030)

8 GLOBAL SMART FABRICS AND TEXTILES CONSUMPTION BY REGION

8.1 Global Smart Fabrics and Textiles Consumption by Region: 2019 VS 2023 VS 2030

8.2 Global Smart Fabrics and Textiles Consumption by Region (2019-2030)

8.2.1 Global Smart Fabrics and Textiles Consumption by Region (2019-2024)

8.2.2 Global Smart Fabrics and Textiles Consumption by Region (2025-2030)

8.3 North America

8.3.1 North America Smart Fabrics and Textiles Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.3.2 North America Smart Fabrics and Textiles Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe Smart Fabrics and Textiles Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe Smart Fabrics and Textiles Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific Smart Fabrics and Textiles Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific Smart Fabrics and Textiles Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Smart Fabrics and Textiles Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Smart Fabrics and Textiles Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 Smart Fabrics and Textiles Value Chain Analysis

9.1.1 Smart Fabrics and Textiles Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Smart Fabrics and Textiles Production Mode & Process

9.2 Smart Fabrics and Textiles Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Smart Fabrics and Textiles Distributors

9.2.3 Smart Fabrics and Textiles Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

I would like to order

Product name: Global Smart Fabrics and Textiles Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

Product link: <https://marketpublishers.com/r/G3B73ED5F7F5EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3B73ED5F7F5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

