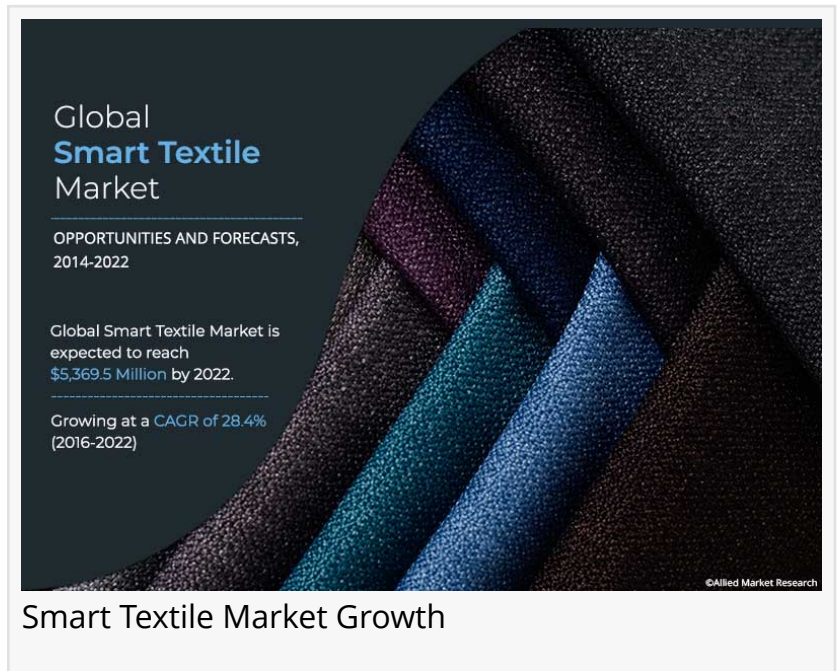


Smart Textile Market Poised for Rapid Growth as Wearable Tech Gains Popularity

Smart Textile Market to Reach \$5,369 Million, Globally, by 2022

WILMINGTON, DE, UNITED STATES, December 9, 2024 /EINPresswire.com/ -- Allied Market Research, titled, [Smart Textile Market](#) by Function, and by End-User Industry - Global Opportunity Analysis and Industry Forecast, 2014-2022 the global smart textile market was valued at \$943 million in 2015, growing at a CAGR of 28.4% during the forecast period to reach \$5,369 million by 2022. In 2015, the military & defense segment accounted for one-fourth of the total share, in terms of revenue.



□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□ & □□□: <https://www.alliedmarketresearch.com/request-sample/2185>

“

Technological advancements like nanotechnology, biosensors, and miniaturized electronics are fueling growth in the smart textile market, expanding its applications in defense, healthcare, and sports.”

Allied Market Research

The significant factors driving [smart textile market growth](#) include the integration of wearables and smart textiles, increasing use of nanotechnology, and its application in smartphones & other sophisticated gadgets. The electronic components can be miniaturized and integrated with smart textiles, which help to monitor and regulate body temperature, monitor heartbeat, and protect the body from outside radiation. In addition, the application of nanotechnology is extended with the production of nanofibers. The use of nanofibers in the fabric is applied widely in the smart textile industry to enhance the performance and functionality of the textile. It provides

textiles with anti-bacterial, UV-protection, self-cleaning, water repellent properties, maintaining

the breathability, and tactile properties of the textiles.

High production costs, high toxic waste production, and lack of government policies encouraging smart textiles are some factors that are expected to hinder the growth of the smart textile market while increasing research and development in the smart textile industry is acting as one of the major opportunities for the global smart textile market.

With the integration of electronic components in smart textiles, they are used in various

applications such as health management, actuation, response, and communication. They consist of components such as sensors, actuators, control units, and others. Wearable technology mainly concerns textiles, electronic devices, and apparel. These textiles help to control muscle vibrations, regulate body temperatures, and protect from environmental hazards such as radiation. As electronic components can be miniaturized, it is possible to integrate textiles and electronic components. These are the factors that are driving the global smart textile market.

For more information, visit our website:

<https://www.alliedmarketresearch.com/request-for-customization/2185>

Key findings from the report include:

- North America is expected to continue to lead the market during the forecast period followed by Europe.
- The military & defense end-user segment generated the highest revenue and is projected to grow with a CAGR of 27.3% during the forecast period.
- Sports & fitness is the fastest-growing end-user segment in the smart textile market registering a CAGR of 30.4% during the forecast period.
- Latin America accounted for more than one-third share of the LAMEA smart textile market in 2015.
- The Indian market is growing at a faster rate than the Asia-Pacific smart textile market, registering a CAGR of 31.8% from 2016 to 2022.
- Germany accounted for more than one-fourth of the share in the European smart textile market in 2015.

Asia-Pacific and Europe collectively contributed more than half of the share of the global smart textile market by revenue in 2015. Asian countries such as China, Japan, and India have transformed into manufacturing hubs for smart textiles owing to the low cost of labor and will be the fastest-growing regional market for smart textiles.

Major players that operate in this market are **3M, Hologram, Intel, and others.** **3M** is a leading player in the smart textile market. **Hologram** is a leading player in the smart textile market. **Intel** is a leading player in the smart textile market. **Others** include **Alibaba, Amazon, Apple, and others.**

□□□□□□ □□□□□□ □□□□□□: <https://www.alliedmarketresearch.com/purchase-enquiry/2185>

□□□□□ □□:

Allied Market Research is a top provider of market intelligence that offers reports from leading technology publishers. Our in-depth market assessments in our research reports consider significant technological advancements in the sector. In addition to other areas of expertise, AMR focuses on analyzing high-tech and advanced production systems. We have a team of experts who compile thorough research reports and actively advise leading businesses to enhance their current procedures. Our experts have a wealth of knowledge on the topics they cover. Also, they use various tools and techniques when gathering and analyzing data, including patented data sources.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/767479885>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.