

Synthetic Fabric Market Poised for Growth: Projected 7.54% CAGR from 2023 to 2033 | Says Evolve Business Intelligence

The Synthetic Fabric Market, valued at USD 1.54 billion in 2023, is expected to grow at a compound annual growth rate (CAGR) of 7.54% from 2023 to 2033

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/EINPresswire.com/ -- The [Synthetic Fabric Market](#) encompasses the global industry dedicated to the production, distribution, and sale of textiles crafted from synthetic fibers. These fibers are primarily man-made through chemical processes, often derived from petroleum-based raw materials. As the demand for versatile, cost-effective fabrics continues to grow, the synthetic fabric market has witnessed significant evolution, driven by technological

advancements and shifting consumer preferences. However, the industry also faces increasing pressure to address sustainability concerns and minimize its environmental footprint. In recent decades, synthetic fabrics have gained widespread popularity due to a variety of benefits they offer over natural fibers. They are typically more affordable to produce, which makes them accessible to a broader range of consumers. Moreover, synthetic fabrics tend to be more durable and resilient, with a longer lifespan than many natural fibers. Their easy-care properties, such as resistance to shrinking, wrinkles, and staining, make them attractive for everyday use. Additionally, synthetic textiles can be engineered with specialized features, including water resistance, flame retardancy, stretchability, and UV protection, which increases their appeal across various industries.

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The Secrets to Success

Advancements in fiber technology, such as the development of microfibers and high-



performance textiles, are significantly enhancing the properties of synthetic fabrics, broadening their scope of applications. These innovations not only improve fabric durability, comfort, and functionality but also enable the creation of specialized fabrics with unique qualities. For example, fabrics that incorporate conductive fibers or moisture-wicking properties have opened up new markets in sectors like wearable technology, sportswear, and medical textiles. The ability to integrate technology into fabrics is transforming traditional textile uses and driving the creation of smart fabrics that serve specialized functions, such as sensors and temperature regulation. In the automotive industry, the use of synthetic fabrics has expanded beyond clothing to components such as car interiors, seat belts, airbags, and upholstery. The durability, cost-effectiveness, and flexibility of synthetic fabrics make them ideal for these applications, where safety, comfort, and longevity are essential. This growth in automotive applications is spurred by the need for lightweight and durable materials that contribute to fuel efficiency, as well as innovations in materials that offer improved safety and comfort for consumers.

The future of Synthetic Fabric Market

Addressing environmental concerns is another critical aspect of the synthetic fabric market's future growth. The development of recycling technologies has gained momentum, allowing for the production of recycled synthetic fibers, such as recycled polyester (rPET). This shift towards recycled fibers not only reduces waste but also responds to consumer demand for more sustainable products. As global awareness of sustainability issues grows, synthetic fabrics made from recycled materials are expected to see increased adoption in fashion, home textiles, and industrial applications. Additionally, innovations in biodegradable synthetic fibers provide an alternative to conventional synthetic textiles, offering an environmentally friendly solution without compromising fabric performance. The growing trend of urbanization and increasing disposable incomes in emerging markets, particularly in Asia-Pacific, Latin America, and Africa, is also fueling the demand for synthetic fabrics. As these regions experience economic growth, there is an expanding middle class that is driving the demand for high-quality textiles in various sectors, including fashion, home textiles, and industrial uses. The need for textiles in construction, automotive applications, and geotextiles is also rising, as infrastructure projects expand in these developing economies.

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Strategic Market Segments

“The Carbon fabrics segment is expected to grow faster throughout the forecast period. The Synthetic Fabric Market is segmented based on different product types, with Carbon Fabric holding a dominant position. Carbon fabrics are highly valued for their exceptional tensile strength, stiffness, and lightweight properties. These fabrics also exhibit good thermal conductivity and resistance to thermal expansion, making them ideal for use in aerospace and aircraft components, where both strength and weight reduction are crucial. The demand for carbon fabrics is driven by the increasing need for lightweight, durable materials in industries seeking to enhance fuel efficiency and performance, particularly in aerospace and high-performance sports equipment. Carbon fabrics are also sought after for their role in creating

strong structures that can withstand extreme conditions.”

“The Renewable Energy segment is expected to grow faster throughout the forecast period. In terms of application, the market is divided into several sectors, with the Renewable Energy segment leading the charge. High-strength synthetic fabrics, including carbon, aramid, and glass fabrics, are crucial in the construction of wind turbine blades, where strength-to-weight ratios are critical. These materials are also used in the backing and encapsulation of solar panels, providing durable, lightweight solutions for renewable energy systems. As the demand for clean energy increases, advanced synthetic fabrics are being developed to enhance the efficiency and performance of renewable energy systems, ensuring they can withstand environmental stresses while maintaining high performance over time. The push towards more sustainable energy solutions continues to drive the growth of synthetic fabrics in this sector.”

Industry Leaders

Admiral Sportswear, BASF SE, Bayer AG, BP Amono Plc., Bridgestone Corporation, DuPont (EI) de Nemours, Far Eastern Group, Fila Inc., Sunflag Nigeria Limited and Univex SA.

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North America to main its dominance in 2023

North America maintains a dominant position in the Synthetic Fabric Market due to its advanced technological infrastructure and the high consumer demand for innovative and sustainable fabrics. The region benefits from a strong presence of fashion brands and a growing demand for activewear and athleisure, which increasingly rely on high-performance synthetic fabrics for their versatility and durability. Additionally, significant investments in research and development for smart textiles, such as fabrics with embedded sensors or enhanced properties like moisture-wicking, UV protection, and conductivity, contribute to the region’s market leadership. As consumers become more environmentally conscious, there is rising pressure on manufacturers to adopt sustainable practices, such as producing biodegradable fabrics or improving recycling processes for synthetic fibers. Furthermore, high labor costs in the region may affect manufacturing costs, making it more challenging for companies to remain competitive compared to lower-cost production hubs in other parts of the world. Despite these challenges, the region's strong innovation ecosystem and high market demand continue to propel growth in the synthetic fabric market.

Key Matrix for Latest Report Update

- Base Year: 2023
- Estimated Year: 2024
- CAGR: 2024 to 2034

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Evolve Business Intelligence is built on account of technology advancement providing highly accurate data through our in-house AI-modelled data analysis and forecast tool – EvolveBI. This tool tracks real-time data including, quarter performance, annual performance, and recent developments from fortune's global 2000 companies.

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