

Europe Nonwovens for Energy Applications Market Forecast to 2031 - Regional Analysis - by Type (Titanium and Stainless Steel) and End User (Hospitals, Specialty Clinics and Others)

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Abstracts

The Europe nonwovens for energy applications market was valued at US\$ 1,310.36 thousand in 2023 and is expected to reach US\$ 9,138.91 thousand by 2031; it is estimated to register a CAGR of 27.5% from 2023 to 2031.

Research and Development on High-Performance Nonwovens Drives Europe Nonwovens for Energy Applications Market

The research and development in high-performance nonwovens are crucial in advancing the capabilities of these materials, leading to innovations that cater to demanding applications across various industries. High-performance nonwovens are characterized by their enhanced mechanical properties, durability, and functionality, making them an integral component in several sectors such as aerospace, clean energy, and automotive. The development of advanced materials such as nanofiber nonwovens has gained traction due to their exceptional strength, flexibility, and large surface area. Electrospinning and other advanced manufacturing techniques are used to produce nanofibers for several energy storage applications. The research and development on high-performance nonwovens is anticipated to fuel the Europe nonwovens for energy applications market growth in the coming years.

Europe Nonwovens for Energy Applications Market Overview

In the past few years, Germany has emerged as one of the significant markets for renewable energy and technological innovations. The companies and research

organizations are actively involved in advancing these materials, focusing on improving fuel cell components such as gas diffusion layers. In September 2023, the Federal Office for Economic Affairs and Export Control (BAFA, Germany) approved the subsidized purchase of 2 million electric cars with an investment of US\$ 10 billion on electric car subsidies. As per the Federal Motor Transport Authority, 263 fuel-cell electric vehicles were registered in the country in 2023. The country marks the presence of companies such as Freudenberg and Evonik, producing high-performance nonwoven materials tailored for fuel cell applications.

Europe Nonwovens for Energy Applications Market Revenue and Forecast to 2031 (US\$ Thousand)

Europe Nonwovens for Energy Applications Market Segmentation

The Europe nonwovens for energy applications market is categorized into type, application, and country.

Based on type, the Europe nonwovens for energy applications market is categorized into carbon fiber, titanium fiber, and others. The titanium fiber segment held the largest market share in 2023.

In terms of application, the Europe nonwovens for energy applications market is segmented into battery, Fuel Cell Gas Diffusion Layer (GDL), PTL fuel, and wind energy. The Fuel Cell Gas Diffusion Layer (GDL) segment held the largest market share in 2023.

By country, the Europe nonwovens for energy applications market is segmented into the UK, Germany, Italy, France, Russia, and the Rest of Europe. Germany dominated the Europe nonwovens for energy applications market share in 2023.

Technical Fibers Products, Tex Tech Industries Inc, Freudenberg Group, SGL Carbon SE, Lydall Inc, AstenJohnson Inc, Hoftex Group AG, DeatexGroup S.r.l., Glatfelter Corporation Sontara, and Sandler AG are some of the leading companies operating in the Europe nonwovens for energy applications market.

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the Europe nonwovens for energy

applications market.

Highlights key business priorities in order to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the Europe nonwovens for energy applications market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth Europe market trends and outlook coupled with the factors driving the Europe nonwovens for energy applications market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

The List of Companies - Europe Nonwovens for Energy Applications Market

Technical Fibers Products

Tex Tech Industries Inc

Freudenberg Group

DeatexGroup S.r.l.

SGL Carbon SE

Lydall Inc

AstenJohnson Inc

Hoftex Group AG

Sandler AG

Glatfelter Corporation Sontara

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