+44 20 8123 2220
info@marketpublishers.com

Nonwovens for Energy Applications Market Size and Forecast (2021 - 2031), Global and Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Type (Carbon Fiber, Titanium Fiber, and Others), Application [Battery, Fuel Cell Gas Diffusion Layer (GDL), PTL, and Wind Energy], and Geography

https://marketpublishers.com/r/NBE47C3FAFA2EN.html
Date: August 2024
Pages: 162
Price: US$ 3,633.00 (Single User License)
ID: NBE47C3FAFA2EN

Abstracts

The nonwovens for energy applications market size was valued at US$ 10.92 million in 2023 and is projected to reach US$ 104.73 million by 2031; it is estimated to register a CAGR of 32.7% from 2023 to 2031.

Based on application, the market is segmented into battery, fuel cell gas diffusion layer (GDL), PTL, and wind energy. The fuel cell gas diffusion layer (GDL) segment held the largest share in 2023. The fuel cell gas diffusion layer (GDL) segment held the largest share of the global nonwovens for energy applications market in 2023, and it is expected to record a significant CAGR during the forecast period. Carbon nonwoven is widely used as a substrate for fuel cell gas diffusion layer (GDL). The gas diffusion layer is a thin, porous layer positioned between the electrode and reactant gas flow field in fuel cells or electrolyzers. Nonwoven used in the gas diffusion layer is, responsible for water management, as well as providing structural support and reactant transport. The substrate made of nonwoven is one of the critical components for performance in fuel cells, and acts both as the functional and the supporting structure for membrane electrode assembly.

Asia Pacific held the largest market share for nonwovens for energy applications in the year 2023. This is attributed to the increased demand from the food & beverage industry. As battery technology continues to improve, Asia Pacific is expected to

+44 20 8123 2220
info@marketpublishers.com

become a key hub for new energy vehicle production. China has emerged as one of the largest electric vehicle markets worldwide, supported by government policies promoting electric vehicles. According to the China Association of Automobile Manufacturers, ~6,000 fuel-cell electric vehicles were sold in China in 2023, a year-on-year rise of 72%. Several economies in Asia Pacific plan to expand the new energy vehicle industry in accordance with the government to support fuel cell electric vehicle growth in the region in the coming years. According to the hydrogen development plan released in 2022, China has set a goal to put 50,000 fuel cell vehicles on its roads by the end of 2025.

A few players operating in the global nonwovens for energy applications market include Technical Fibers Products, Tex Tech Industries Inc, Freudenberg Group, SGL Carbon SE, Lydall Inc, AstenJohnson Inc, Hoftex Group AG, DeatexGroup S.r.l., Sandler AG, and Glatfelter Corporation Sontara. Players operating in the market focus on providing high-quality products to fulfill customer demand. Also, they are focusing on launching new and high-quality products for their customers.

The overall global nonwovens for energy applications market size has been derived using both primary and secondary sources. To begin the research process, exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the market. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain more analytical insights into the topic. The participants of this process include industry experts such as VPs, business development managers, market intelligence managers, and national sales managers—along with external consultants such as valuation experts, research analysts, and key opinion leaders—specializing in the nonwovens for energy applications market.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

5. NONWOVENS FOR ENERGY APPLICATIONS MARKET – KEY MARKET DYNAMICS

6. NONWOVENS FOR ENERGY APPLICATIONS MARKET – GLOBAL MARKET ANALYSIS

7. NONWOVENS FOR ENERGY APPLICATIONS MARKET VOLUME AND REVENUE ANALYSIS – BY TYPE

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Nonwovens for Energy Applications Market Size and Forecast (2021 - 2031), Global and Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Type (Carbon Fiber, Titanium Fiber, and Others), Application [Battery, Fuel Cell Gas Diffusion Layer (GDL), PTL, and Wind Energy], and Geography

Product link: https://marketpublishers.com/r/NBE47C3FAFA2EN.html

Price: US$ 3,633.00 (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/NBE47C3FAFA2EN.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

Custumer signature _____

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

+44 20 8123 2220
info@marketpublishers.com

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