

# **Non-woven - Industrial Membrane Market by Module Type (Spiral Wound, Hollow Fiber, Tubular, Plate & Frame), Application (Water & Wastewater Treatment, Pharmaceutical & Medical, Food & Beverage, Chemical, Industrial Gas), and Region - Forecast to 2025**

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## **Abstracts**

“Growing demand from water & wastewater treatment application is projected to drive the overall growth of the nonwoven - industrial membranes market across the globe from 2020 to 2025.”

The global nonwoven - industrial membranes market size to grow from USD 1.2 billion in 2020 to USD 1.6 billion by 2025, at a CAGR of 5.7% from 2020 to 2025. Factors, such as the increasing number of end-use applications and rapid industrialization, coupled with increasing importance of water and wastewater treatment are driving the nonwoven - industrial membranes market.

“In terms of both value and volume, spiral wound segment to lead the nonwoven - industrial membranes market by 2025.”

Spiral wound, by module type, accounted for the largest market share in the nonwoven - industrial membranes market. Spiral-wound membranes are produced by winding consecutive layers of feed spacer, membrane, permeate collection channel, and a membrane around perforated center tube for permeate collection. Majority of the reverse osmosis membranes are spiral wound. They offer similar advantages as the others at lower energy costs due to their reduced pumping requirements and higher packing density.

“The pharmaceutical & medical segment is projected to be the fastest-growing application in the nonwoven - industrial membranes market from 2020 to 2025.”

The pharmaceutical & medical segment is projected to be the fastest-growing application in the nonwoven - industrial membranes market. The pharmaceutical sector is vast with high inflow of leading chemical companies. It is the second-largest application segment of the global market for nonwoven—industrial membranes. As many pharmaceutical processes use toxic chemicals, the need for a clean workspace is a priority that has created a good market for air filters, where industrial membranes have a key role to play. The pharmaceutical industry involves a wide range of production processes, ranging from simple chemical synthesis to complex drug production that requires separation equipment. Nonwoven—industrial membranes find widespread applications in the biopharmaceutical industry as its products and their intermediates are susceptible to degradation due to heat and chemical treatment, making it difficult to separate those using alternate technologies. The harvesting of cells or recuperation of biomass is an important step in the process of fermentation, especially when manufacturing products, such as antibiotics. Filtration improves production as well as reduces the operator’s workload and maintenance costs. Membranes are also a standard part of industrial production lines for enzymes. They are used for concentrating enzymes prior to their use in other processes according to the requirements.

“In terms of both value and volume, the Asia Pacific nonwoven - industrial membranes market is projected to grow at the highest CAGR during the forecast period.”

In terms of value and volume, the Asia Pacific region is projected to grow at the highest CAGR from 2020 to 2025. According to the World Bank, APAC was the fastest-growing region, in terms of both population and economy. Countries such as India and China are expected to post high growth in the nonwoven - industrial membranes market due to the increasing developmental activities and rapid economic expansion.

According to the World Bank, the two economic giants of the APAC region, China and Japan, are the world’s second- and third-largest economies in 2019. In addition to this, the growing population in these countries presents a huge customer base which is resulting in the growth of end-use sectors like water & wastewater treatment, food & beverages, and pharmaceuticals, which will in turn propel the market for non-woven – industrial membranes.

By Department: Sales/Export/Marketing: 62%, Production: 26%, and CXOs: 12%

By Designation: Managers: 55%, CXOs: 15%, and Executives: 30%

By Region: North America: 18%, Europe: 14%, Asia Pacific: 42%, Middle East & Africa: 22%, and South America: 4%

The global nonwoven - industrial membranes market comprises major manufacturers, such as Ahlstrom-Munksjo (Finland), Berry Global Inc. (US), Glatfelter Company (US), Toray Industries (Japan), Freudenberg (Germany), 3M Company (US), Lydall Inc. (US), and TWE Group (Germany)

### Research Coverage

The market study covers the nonwoven - industrial membranes market across various segments. It aims at estimating the market size and the growth potential of this market across different segments based on module type, application, and region. The study also includes an in-depth competitive analysis of key players in the market, along with their company profiles, key observations related to their products and business offerings, recent developments undertaken by them, and key growth strategies adopted by them to enhance their position in the nonwoven - industrial membranes market.

### Key Benefits of Buying the Report

The report is projected to help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers of the overall nonwoven - industrial membranes market and its segments and sub-segments. This report is projected to help stakeholders understand the competitive landscape of the market and gain insights to improve the position of their businesses and plan suitable go-to-market strategies. The report also aims at helping stakeholders understand the pulse of the market and provides them with information on the key market drivers, challenges, and opportunities.

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\*Details on Business Overview, financial Assessment, Operational Assessment, products/solutions/services offered, Recent Developments, COVID-19-related developments/strategies, SWOT Analysis, winning imperatives, current focus and strategies, threat from competition, right to win might not be captured in case of unlisted companies.

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