

US Non Woven Fabric Market Register Highest CAGR Growth of 4.51% by 2035: Analysis by Product Research and Future Trend

US Non-Woven Fabric Market Industry is expected to grow from 12.0 (USD Billion) in 2024 to 19.5 (USD Billion) by 2035

NY, UNITED STATES, April 14, 2025 /EINPresswire.com/ -- The [US Non-Woven Fabric Market](#) is undergoing a significant transformation, driven by rapid industrial growth, increasing demand from healthcare and personal care sectors, and innovations in sustainable materials. These

engineered fabrics, made from fibers bonded together through mechanical, thermal, or chemical processes, have become indispensable across a wide range of industries. From medical masks to geotextiles and automotive interiors, non-woven fabrics are proving their versatility and value in today's fast-paced world.

The US Non-Woven Fabric Market is expected to grow from 12.0(USD Billion) in 2024 to 19.5 (USD Billion) by 2035. The US Non-Woven Fabric Market CAGR (growth rate) is expected to be around 4.513% during the forecast period (2025 - 2035).

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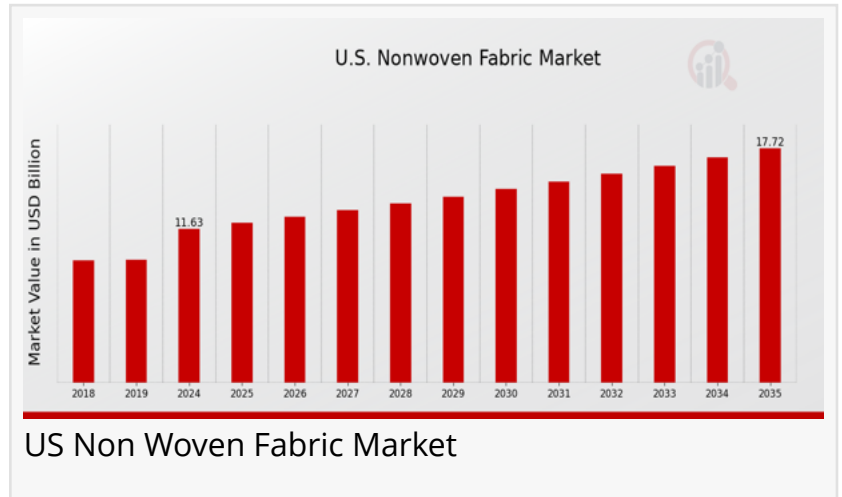
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Understanding Non-Woven Fabrics

Unlike traditional woven fabrics that are made by weaving or knitting, non-woven fabrics are manufactured through methods like spunbond, meltblown, needlepunch, and wet-laid techniques. This enables faster production, cost efficiency, and the ability to customize features such as absorbency, resilience, softness, and sterility.

These unique properties have led to their adoption in diverse applications, including:

Medical and healthcare products (e.g., surgical gowns, face masks, wound dressings)



Hygiene products (e.g., diapers, sanitary napkins, adult incontinence products)

Construction and geotextiles

Agriculture and landscaping fabrics

Automotive interiors and insulation materials

Market Growth Drivers

1. Boom in Healthcare and Hygiene Industries

The global COVID-19 pandemic accelerated the demand for disposable medical supplies such as masks, PPE kits, and gowns, all of which rely heavily on non-woven materials. Even in the post-pandemic era, hygiene awareness remains elevated, prompting sustained demand in the medical and personal care sectors.

According to industry estimates, the hygiene segment, which includes baby diapers, feminine hygiene, and adult incontinence products, is one of the largest consumers of non-woven fabrics globally.

2. Rise in Disposable and Single-Use Products

Consumer preference for convenience has pushed demand for disposable products, particularly in developed markets. Non-woven fabrics enable the production of such items efficiently and cost-effectively. Their ability to offer properties like softness, absorbency, and breathability makes them ideal for single-use products without compromising on comfort.

3. Growth in Automotive and Construction Sectors

Automakers are increasingly using lightweight and sound-insulating non-woven fabrics in interiors to improve vehicle efficiency and cabin experience. Similarly, the construction industry is embracing non-wovens for roofing, insulation, and geotextile applications due to their durability and weather resistance.

4. Focus on Sustainability and Biodegradable Materials

With growing environmental concerns, manufacturers are investing in eco-friendly, biodegradable, and recyclable non-woven fabrics. Biopolymers like PLA (polylactic acid) are being integrated into non-woven production, particularly for applications in hygiene and agriculture. These innovations are opening up new growth avenues for market players.

Key Trends Reshaping the Market

□ Spunbond and Meltblown Technologies Dominating

Spunbond and meltblown processes are widely used in the production of polypropylene (PP)-based non-wovens, especially for hygiene and medical applications. The SMS (spunbond-meltblown-spunbond) composite has gained popularity for its filtration efficiency and barrier

performance in medical PPE.

▣ Increasing Investments in R&D

Manufacturers are investing in advanced production technologies to improve performance attributes such as strength, absorbency, and reusability. Smart non-woven fabrics with integrated sensors and antimicrobial coatings are emerging in high-end applications like smart textiles and wound care.

▣ Strategic Collaborations and Expansions

Major players are pursuing mergers, acquisitions, and capacity expansions to cater to rising demand and enter new geographical markets. Partnerships with healthcare and FMCG brands are also helping manufacturers align with end-user needs more efficiently.

Regional Insights

▣ Asia-Pacific: The Powerhouse of Growth

Asia-Pacific dominates the global non-woven fabric market, with countries like China, India, Japan, and South Korea leading the charge. Abundant raw materials, low manufacturing costs, and rising demand from the region's booming population drive this dominance. Government initiatives supporting healthcare and infrastructure development are also fueling regional growth.

▣ North America and Europe: Innovation-Driven Demand

These regions are at the forefront of technological innovations and eco-friendly fabric development. Stringent regulations around hygiene, safety, and environmental impact are shaping product designs and driving the adoption of sustainable non-woven alternatives.

Market Challenges

Despite robust growth prospects, the non-woven fabric industry faces certain hurdles:

Volatility in raw material prices, especially polypropylene and polyester, can impact production costs.

Environmental concerns around synthetic fiber waste and microplastics are pushing for faster adoption of sustainable alternatives.

Competition from traditional textiles in certain applications still persists in some cost-sensitive markets.

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Future Outlook

The future of the non-woven fabric market looks promising, with expectations of strong growth

across all major sectors. As sustainability, innovation, and efficiency continue to guide consumer and industry preferences, manufacturers who can adapt and evolve with these trends are likely to thrive.

Key areas of focus in the coming years include:

Increased adoption of biodegradable non-wovens

Development of multi-functional and smart fabrics

Expansion into untapped markets in Africa and Latin America

Automation and digitization in manufacturing processes

MRFR recognizes the following US Non Woven Fabric Companies - Toray Industries, Lydall, Hollingsworth and Vose, KimberlyClark, Ascend Performance Materials, SAAF, Freudenberg Group, Johns Manville, Shawmut Corporation, Berry Global, Glatfelter, Mitsubishi Chemical, Tenowo, DuPont

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Final Thoughts

The non-woven fabric market is not just growing — it's evolving. With its versatile applications, technological advancements, and alignment with global sustainability goals, non-wovens are set to play a pivotal role in shaping the future of multiple industries. As manufacturers navigate challenges and embrace innovation, the next wave of growth will likely come from the confluence of performance, convenience, and environmental consciousness.

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