



NONWOVEN FABRIC MANUFACTURING PLANT.

**PRODUCTION OF NON-WOVEN FABRICS FOR
HYGIENE, MEDICAL, AUTOMOTIVE,
GEOTEXTILES, CONSTRUCTION &
PACKAGING.**

Introduction

Nonwoven fabrics are broadly defined as sheet or web structures bonded together by entangling fiber or filaments (and by perforating films) mechanically, thermally, or chemically. They are flat, porous sheets that are made directly from separate fibers or from molten plastic or plastic film. They are not made by weaving or knitting and do not require converting the fibers to yarn.

Non-wovens are flexible, porous, products consisting of one or more fibre layers. The separate fibres may either be preferentially oriented in one direction or may be deposited in a random manner. They are bonded by chemical, thermal or mechanical processes into textile products.

Applications of Non-Woven Fabrics:

- **Personal care and hygiene** as in baby diapers, feminine hygiene products, adult incontinence items, dry and wet pads, but also nursing pads or nasal strips.
- **Healthcare**, like operation drapes, gowns and packs, face masks, dressings and swabs, osteomy bag liners, etc.
- **Clothing**: interlinings, insulation and protection clothing, industrial workwear, chemical defence suits, shoe components, etc.
- **Home**: wipes and dusters, tea and coffee bags, fabric softeners, food wraps, filters, bed and table linen, etc.

- **Automotive:** boot liners, shelf trim, oil and cabin air filters, moulded bonnet liners, heat shields, airbags, tapes, decorative fabrics, etc.
- **Construction:** roofing and tile underlay, thermal and noise insulation, house wrap, underslating, drainage, etc.
- **Geotextiles:** asphalt overlay, soil stabilization, drainage, sedimentation and erosion control, etc.
- **Filtration:** air and gas, Hevac, Hepa, Ulpa filters
- **Industrial:** cable insulation, abrasives, reinforced plastics, battery separators, satellite dishes, artificial leather, air conditioning, coating.
- **Agriculture,** home furnishing, leisure and travel, school and office etc.

Characteristics:

- a. The appearance of non-woven fabrics may be paper like, felt like, or similar to that of woven fabrics.**
- b. They may have a soft, resilient hand, or they may be hard, stiff, or broadly with little pliability.**
- c. They may be as thin as thin as tissue paper or many times thicker.**
- d. They also may be translucent or opaque.**

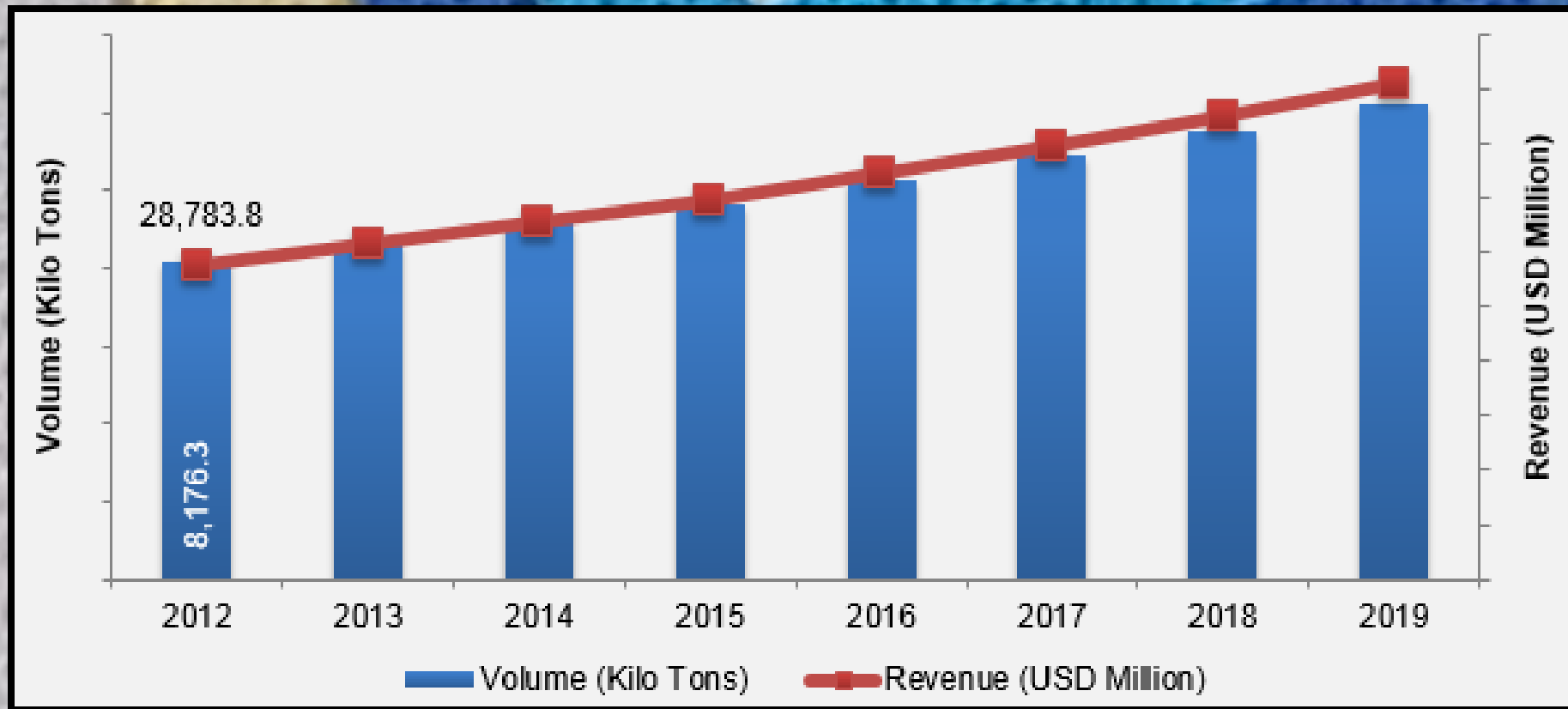
- e. Their porosity may range from low tear and burst strength to very high tensile strength.**
- f. They may be fabricated by gluing, heat bonding, or sewing.**
- g. The drapability of this type of fabrics varies from good to none at all.**
- h. Some fabrics have excellent launderability; others have none. Some may be dry-cleaned.**

Market Outlook

Global nonwoven fabric market is estimated be valued at US\$ 35.4 Bn by 2016 end, and is projected to expand at a high single-digit CAGR in terms of value during the forecast period, 2016–2024. The rising demand for hygiene products such as baby diapers, toddler training pants, feminine hygiene and personal care products, and adult incontinence products has been driving the non-woven fabrics market during the forecast period.

Several hospitals and clinics are increasingly using non-woven disinfected fabrics to eliminate the risks of cross-contamination and infections, which has subsequently surged the sales of Class IV surgical garments and face masks. By observing the rapidly growing demand for these disposable non-woven products, manufacturers are coming up with innovative hygiene products in the market.

Global Nonwoven Materials and Products Market, 2012-2019 (Kilo Tons) (USD Million)



Increasing demand for personal hygiene products coupled with growing population is expected to be a key driving factor for the growth of nonwoven fabrics market over the forecast period. Increasing birth rate and aging population has contributed to growing demand for hygiene products such as baby diapers, sanitary napkins and adult incontinence products which in turn is expected to fuel the demand for nonwoven fabrics. Nonwovens are used in road construction in the form of geotextiles to increase the durability of roads. Low maintenance costs associated with nonwovens is expected to fuel its demand in construction applications.

Positive outlook on global automobile and transportation industry is further expected to propel growth for nonwoven fabrics market over the next six years. Automobile industry manufactures a large number of exterior and interior parts using nonwoven fabrics owing to its durability, moldability and being lightweight. Positive outlook on the global automotive industry is expected to have a positive impact on the market over the next six years. The shift in trend towards adoption of safety measures while following practices in the medical industry is also expected to have a positive influence on global nonwoven fabrics market growth.

India's nonwoven market is growing at a rate of 8-10%. At present, the production of Nonwoven in India is touching 190000 Tons out of which Spunbond nonwoven fabrics production is approximately 83000 Tons. The per capita Nonwoven fabric consumption in India is 155 gm; which will touch to 350 gm by 2015 and 600 gm by 2020.

India is emerging as a significant player in nonwoven industry. Nonwoven Industry being eyed as an immediate new market is offering enormous opportunity, which is a welcome sign for the nonwoven industry in India. Nonwoven Industry in the recent past has emerged as the most preferred investment destination in India. Nonwoven Industry has tremendous opportunities in terms of value enhancement of investments in the India. With the diversified segment base and innovative segments, Indian Nonwoven Industry has today become a Business Hub.

Major Queries/Questions Answered in the Report?

- 1. What is Nonwoven Fabric Manufacturing industry ?**
- 2. How has the Nonwoven Fabric Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility Nonwoven Fabric Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Nonwoven Fabric Manufacturing plant ?**

- 5. What is the structure of the Nonwoven Fabric Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Nonwoven Fabric Manufacturing Business?**
- 7. What are the operating costs for setting up Nonwoven Fabric Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Nonwoven Fabric Manufacturing plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Nonwoven Fabric Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up Nonwoven Fabric Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Nonwoven Fabric Manufacturing Business?**
- 12. What is the Manufacturing Process of Nonwoven Fabric ?**

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Reasons for Buying our Report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Nonwoven Fabric ” provides an insight into the Nonwoven Fabric market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Nonwoven Fabric project. The report assesses the market sizing and growth of the Indian Nonwoven Fabric Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Nonwoven Fabric sector in India along with its business prospects. Through this report we have identified Nonwoven Fabric project as a lucrative investment avenue.

Tags

Nonwoven Manufacturing, Manufacturing Process for Non-Woven Fabrics, Nonwoven Fabric Making Plant, Nonwoven Fabric Production, Nonwoven Fabric Manufacturing Unit, Nonwoven Fabric Manufacturing Process Pdf, Raw Material for Non-Woven Fabric, Non-Woven Fabric uses, Nonwoven Fabric Making Machine, Production Of Nonwovens, Nonwoven Fabric Production Plant In India, Nonwoven Fabrics Manufacturing Industry, Fabric Manufacturing Process, Nonwoven Fabric Manufacturing Plant, Non-Woven Fabric Production Line, Non-Woven Manufacture, Nonwoven Textiles, Nonwoven Fabrics Industry, Business Opportunity in Non-Woven Fabric Manufacturing, Non-Woven Fabric Manufacturing in India, Non-Woven Fabric Business Plan, How Much Investment to Start Nonwoven Fabric Business, Nonwoven Fabric Manufacturing Business For Profit, Project Report of Non-Woven Fabric Making Unit, Nonwoven Manufacturing Project Ideas, Projects on Small Scale Industries, Small Scale Industries Projects Ideas,

Nonwoven Fabric Manufacturing Business, Nonwoven Manufacturing Based Small Scale Industries Projects, Project Profile on Small Scale Industries, How To Start Nonwoven Manufacturing Industry in India, Nonwoven Manufacturing Projects, New project profile on Nonwoven Manufacturing industries, Project Report on Nonwoven Manufacturing Industry, Detailed Project Report on Nonwoven Manufacturing, Project Report on Non-woven Fabric Production, Pre-Investment Feasibility Study on Nonwoven Manufacturing, Techno-Economic feasibility study on Non-woven Fabric Production, Feasibility report on Non-woven Fabric Production, Free Project Profile on Nonwoven Manufacturing, Project profile on Non-woven Fabric Production, Download free project profile on Non-woven Fabric Production, Industrial Project Report, Startup Project for Non-woven Fabric Production

**Niir Project Consultancy Services (NPCS)
can provide Detailed Project Report on
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Production of Non-Woven Fabrics for
Hygiene, Medical, Automotive,
Geotextiles, Construction & Packaging.**

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NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



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The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,

Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](http://www.entrepreneurindia.co)



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- *We empower our customers with the prerequisite know-how to take sound business decisions*
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- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Contact us

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