
(Agrotech (Agro-Textiles), Buildtech (Construction Textiles), Clothtech (Clothing Textiles), Geotech (Geo-Textiles), Hometech (Domestic Textiles), Indutech (Industrial Textiles), Lifting Textiles, Mobiltech (Textiles Used in Transport; Automotive and Aerospace), Oekotech or Ecotech (Ecological Protection Textile), Packtech (Packaging Textiles), Protech (Protective Textiles), Sportech (Sports Textiles))
Technical textiles are high performance textiles that require special functionality. The market of technical textiles is significant and expanding as the products are being put to an ever-increasing number of end uses in various industries such as agriculture, clothing, construction, health care, transportation, packaging, sports, environmental protection, protective wear, and many more.

Technical textiles are defined as textile materials and products used primarily for their technical performance and functional properties rather than their aesthetic or decorative characteristics.
In the present scenario, technical textiles has been identified as a great potential area for upgrading the Indian textile industry. Since the conventional textiles industry has reached a level of saturation in terms of development, innovation and value-addition.

India is developing as a significant player in technical textiles. The rapid economic growth leading to higher disposable income as well as infrastructure development has made India a vital market for the technical textile products. Additionally, the country has established a foothold in the manufacture of technical textiles owing to its technological and skilled manpower as well as rising availability of raw material.
Tamil Nadu is also a fast growing epicenter of technical textiles in the India. It is one of the foremost producers of medical technical textiles, nonwovens, sport technical textiles, and geotextiles. The state’s investor-friendly environment has enabled the development of textile parks dedicated exclusively to technical textiles.

The growth of technical textiles will also lead to steep rise in the demand for highly skilled manpower for both production & R&D. This should throw open a new area that has tremendous opportunities of employment, which is a major focus of the national government today.
The country’s technical textile market has huge growth potential and it is expected to grow at 12 per cent per annum to reach $23 billion (Rs 1, 50,000 crore) in 2020. “Technical textile offers immense potential and has been termed as a sunrise industry in India. With sufficient investments into the technology, the industry would grow exponentially.

India’s textiles sector is also one of the largest contributing sectors of India’s exports contributing 14 per cent to the country’s total exports basket. The country’s textiles market stands at USD 150 billion and it is expected to touch USD 250 billion by 2020.
The textile industry employs about 51 million people directly and 68 million people indirectly as India has overtaken Italy and Germany to emerge as the world’s second largest textile exporter.

Technical textile is a future as it exists in every aspect of our life but this needs better productivity, better technology and better durability. In India, technical textiles is expected to attract lot of investment opportunities. The government is also offering 15 per cent subsidy for domestic players, who want to set up machinery. In the last five years period the growth has been 12.4 per cent CAGR.
Segment wise Share in Technical Textiles Market in 2015-16

[Pie chart showing segment-wise share with the following segments and their percentages: Agrotech 10%, Clothtech 4%, Meditech 8%, Homitech 2%, Mobiltech 7%, Protech 1%, Packtech 5%, Geotech 10%, Sportech 1%, Dekotech 0.2%, Buildtech 0.1%.]
India is expected to play a key role in shaping the future technical textiles market with consumers spending more on home textile, sportswear products, and medical products. In fact, technical textiles provides new opportunity to the Indian textile industry to have long term sustainable future. Despite achieving high growth rate, the per capita consumption of technical textiles in India is 1.7 per kg vis-a-vis 10-12 kg in developed countries. Globally, the technical textiles contribute to about 29 per cent of textile industry.
Technical Textiles have a significant part of growth in world textiles. It represents about 31% of the total Textile Production.

Other terms used for defining technical textiles include industrial textiles, functional textiles, performance textiles, engineering textiles, invisible textiles and hi-tech textiles.
Global Demand and Growth

The global demand for a variety of technical textiles has continuously increased as a result of their rising base of applications in end-use industries.

Major end-use industries are automotive, construction, healthcare, protective clothing, agriculture, sports equipment/sportswear and environmental protection. Increased demand for technical textiles will be seen in both the developed and developing parts of the world.

The global technical textile market is geographically segmented into five key regions: North America, Latin America, Eastern and Western Europe, Asia Pacific, and Africa and Middle East.
Growth Drivers - Key factors defining potential opportunities for Technical Textiles in India:

- Growing domestic consumption & Enhanced requirement from institutions
- Promising export potential
- Changing regulations & industry norms
- Re-alignments of Global Supply chain & multi country trade partnerships
- Rising incomes and an increasing standard of living along with advances in medical technology,
- Expanding construction sectors,
- An awareness of safety and environmentalism and
- Increased spending on healthcare.
Development and industrialization are the main drivers for the demand for technical textile products in a country. In 2015, the global technical textile market was valued at around $153 billion. On the back of strong demand, the global technical textile market is estimated to reach $194 billion by 2020, with global consumption expected to surpass 40 million tons.
Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Required Project


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Following are the Best Businesses You Can Start

- **SURGICAL COTTON**

  Surgical cotton is also known as absorbent cotton or cotton wool. It is mainly used for medical purposes in hospitals, nursing homes, dispensaries at home (for first aid) etc. because of its high fluid absorbency. It is better known among masses as absorbent cotton. [Read more]
DISPOSABLE BABY DIAPER

Baby diapers are recently introduced in India but it is becoming popular in India since last two decades and it has become a general necessity for newly born or pretty young child care taking. They are made of clean cotton lap and tissue paper medium that does not have an unpleasant odor when wet or dry. Read more
SURGICAL SUTURES MATERIALS (SURGICAL GUT, POLYGLACTIN, POLYGLYCOLIC ACID, POLIGLECAPRONE, POLYDIOXANONE, NYLON, POLYPROPYLENE, POLYESTER)

General classification of sutures includes natural and synthetic, absorbable and non-absorbable and monofilament and multifilament. Natural materials are more traditional and are still used in suturing today. Synthetic materials cause less reaction and the resultant inflammatory reaction around the suture materials is minimized. Read more
Packaging is both a symbol of society consumption habits and reflection of its progress. The user experts it to have better strength, easier handling, to be lighter, more aesthetic, safer from a hygiene point of view, etc. In addition to its standard attributes, today's packaging just also contributes to protecting the environment.
JUTE YARN, JUTE SUTLI & HESSIAN CLOTH WEAVING INTEGRATED UNIT

Jute Follows cotton in world textiles consumption. It is used in the United States chiefly in a floor covering, wrapping & industrial fabrics rather than in clothing textiles. Jute twine of different qualities and thickness are used extensively in India and Abroad. Three classes of twine are made viz. Read more
HDPE WOVEN SACKS

Woven sacks as a packaging medium is well established for bulk storing / transportation of dry products like grains, pulses, cereals, flour, sugar and cement. The most common material used for making of sacks is jute but cotton is also used to some extent. Different countries use different materials for woven sacks. Read more
Non Woven fabric is a fabric like material made from long fibres, bonded together by chemical, mechanical, heat or solvent treatment. The term is used in the textile manufacturing industry to denote fabrics, such as felt, which are neither woven nor knitted. Read more
NON WOVEN FABRIC BAG (STITCHING)

Non woven bags are made of a sheet of fibers and continuous filaments or chopped yarns of any nature or origin, that have been formed into a web by any means with the exception of weaving or knitting. There are various kinds of non woven bags such as non woven rice bag, carry bag, catering bag, Read more
PP woven sacks laminated with PP liner have wider applications. PP woven sacks are much stronger & can withstand much higher impact loads because of PP strips elongation at break is about 15 to 25% as compared to 30% of Jute. These sacks are much cleaner & resist fungal attack. Read more
POLYETHYLENE TARPALINS

High-density polyethylene oriented tarpaulins are becoming increasingly popular all over the world. Tarpaulin is used for water proofing for protection of food grains and other materials which are stored in bulk. This is because they are chemically inert and are water repellent and lighter in weight. Read more
IMPLANTABLE SURGICAL SUTURE (BIOMEDICAL TEXTILE)

A fibrous protein comprising most of the white fibre in the connective tissue of animals and man, especially in the skin muscles and tendous. The most abundant proline is the animal kingdom, it is rich in proline and hydroxyproline collagen is found in connective tissue and also in bones. Read more
Surgical cotton Industry is mainly limited to small and cottage scale units. Bengal chemical & pharmaceutical works Ltd. is the key manufacture of surgical cotton and Bandages. Read more
JUTE TWINE (JUTE ROPE) & GUNNY BAG FROM RAW JUTE

Jute fibre is obtained from the plants of corchorus spp. It is principally used in the manufacture of hessian, sacking cloths, bags, ropes, cords, handicrafts and miscellaneous fabrics. India is the largest producer of jute. In fact, India combined with Bangladesh produce 90% of the jute of the world. Read more
BLACK BRAIDED SILK SURGICAL SUTURE

There are so many fibers available which has property of non absorbing among those fibers are nylon, Terelene, Polyester etc. are synthetic fiber and silk is one of the natural fibres which has no side effect on the body and costly items. Black braided silk surgical Suture is used in the hospital, Read more
SURGICAL GLOVES

The powder-free and synthetic disposable latex gloves market is anticipated to thrive in the next three to five years due to increased healthcare spending and greater number of people being covered by insurance. The global market for disposable medical gloves generated $3 billion revenues in 2011. Read more
PVC flex is made out of PVC and fabric raw material, specially designed for solvent printing industry. It is suitable for indoor and outdoor printing used in billboard, display, banners and exhibition booth decoration. PVC Flex is best to all Digital printer specially designed for Indian market. Read more
CONVEYOR BELTING

Rubber belting are mainly used for two purposes namely, conveying and transmission. Conveyor belts are used for conveying various items such as coal, ash, ore, grain, sand, packed goods and other industrial inputs and outputs. They are used in elevators also employed for lifting the passengers at railway stations and airport etc. Read more
JUTE SHOPPING BAGS

There is variety of shopping bags available in India and throughout the world. Shopping bags available in India made by paper, jute, synthetic resin base bags, leather bags etc. Jute is ecofriendly product. Jute fiber largely used for making jute base product “Carpet, Bags, Shopping Bags, School Bags etc. Read more
GEOTEXTILES FOR ROAD AND CONSTRUCTION

Geotextiles is defined as permeable textile materials used in contact with soil, rock, earth or any other geotechnical related material as an integral part of civil engineering project, structure, or system. Geotextiles have proven to be among the most versatile and cost-effective ground modification materials. Read more
SEWING THREAD REELS

Sewing thread is a common household item and is the prime material for stitching purpose. Capren and lavsan used for the manufacture of sewing threads exhibit high chemical & physical properties. Now polypropylene yarns have replaced polyester threads. Read more
AUTOMATIC FAN BELTS

India is one of the leading countries for rubber products. Fan belts are essentially used in automobile sector to transmit the power from one pulley to another pulley. The belt which transmits power is called power transmission belt. The production of fan belts started in India since long back. Read more
SANITARY NAPKINS

Sanitary Napkins is one of the item of non-woven textile. It may come under speciality textile group. According to industry observers, India’s health care industry is expected to grow around 13 % per annum. The product has very good export potentiality. Read more
Mattresses or bedding are one of the most useful articles in our modern life. It is largely used in the domestic, commercial and industrial area in all atmosphere. It can be manufactured by using cotton, silk fibre, coconut fibre etc. There is plenty of availability of raw material in India. Read more
Production of Non Woven Fabric, Production of Non Woven Fabric Bag (Stitching), Production of PP Woven Bags (For Cement Packing), PP Woven Bags Manufacturing Process, Polypropylene Woven Bags Manufacturing Unit, PP Woven Bags Production, Polyethylene Tarpaulins Manufacturing Plant, Polyethylene Tarpaulins, Production of Implantable Surgical Suture (Biomedical Textile), Surgical Cotton & Bandages (EOU) Production, Manufacturing of Jute Twine (Jute Rope) & Gunny Bag from Raw Jute, Production of Black Braided Silk Surgical Suture, Glove Manufacture Process, Surgical Gloves Manufacture, Manufacturing Process of Surgical Gloves, Production of Surgical Gloves, Production of PVC Flex Banner, PVC Flex Banner Production, Manufacturing of PVC Flex Banner, PVC Flex Banner Manufacturing Plant, PVC Flex Banner Manufacture, Conveyor Belting, Conveyor Belt Manufacture, Conveyor Belt Manufacturing Business, Jute Bags Manufacturing Process, Jute Shopping Bags Manufacture, Production of Jute Shopping Bags, Production of Geotextiles for Road and Construction, Sewing Thread Reels Manufacturing Plant, Production of Sewing Thread Reels, Production of Automatic Fan Belts, Sanitary Napkin Manufacturing Business Plan, Sanitary Napkins Manufacturing Plant, How to Start a Sanitary Pad Manufacturing Company, Sanitary Napkins Manufacture, Production of Sanitary Napkins, Mattress Manufacturing, Manufacturing Process of Mattress, Production Process of Mattresses Bedding, Mattress Manufacturing Business, Conveyor Belt Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Polypropylene Woven Bags Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries,
For more Projects and further details, visit at:

https://goo.gl/9jfDi1
https://goo.gl/oN41ge
https://goo.gl/DHt3bV
https://goo.gl/B22nrp
1. How has the industry performed so far and how will it perform in the coming years?

2. What is the Project Feasibility of the Plant?

3. What are the requirements of Working Capital for setting up the plant?

4. What is the structure of the industry and who are the key/major players?
5. What is the total project cost for setting up the plant?
6. What are the operating costs for setting up the plant?
7. What are the machinery and equipment requirements for setting up the plant?
8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?
9. What are the requirements of raw material for setting up the plant?
10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?

11. What is the Manufacturing Process of the plant?

12. What is the total size of land required for setting up the plant?

13. What will be the income and expenditures for the plant?

14. What are the Projected Balance Sheets of the plant?
15. What are the requirement of utilities and overheads for setting up the plant?

16. What is the Built up Area Requirement and cost for setting up the plant?

17. What are the Personnel (Manpower) Requirements for setting up the plant?

18. What are Statistics of Import & Export for the Industry?

19. What is the time required to break-even?
20. What is the Break-Even Analysis of the plant?
21. What are the Project financials of the plant?
22. What are the Profitability Ratios of the plant?
23. What is the Sensitivity Analysis-Price/Volume of the plant?
24. What are the Projected Pay-Back Period and IRR of the plant?
25. What is the Process Flow Sheet Diagram of the plant?
26. What are the Market Opportunities for setting up the plant?
27. What is the Market Study and Assessment for setting up the plant?
28. What is the Plant Layout for setting up the plant?
Reasons for Buying Our Report:

• The 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
• The report provides vital information on the product like its characteristics and segmentation
• The report helps you market and place the product correctly by identifying the target customer group of the product
• The 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.
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Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP).

You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites......Read more
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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.
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

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.

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