



NIRMAL FIBRES PVT. LTD.

*(ISO 9001 : 2015 Certified Company) (A
Govt. Recognised Export House)*



NIRMAL FIBRES PVT. LTD.

AN OVERVIEW

Nirmal Fibres is a leading ISO 9001:2015 certified company established in 1997 with its manufacturing facilities near New Delhi, India with collaboration from South Korea.

The journey as a manufacturing company started in the Year 1971 where the founders of the company first set up a TMT Steel bar manufacturing facility in Moradabad in Uttar Pradesh. With continued efforts and the zeal to grow the company expanded into Cement manufacturing. In the process the company became the one of the leading producers of Iron bars and cement in the state of Uttar Pradesh.

Nirmal Fibres Pvt. Ltd was conceptualized in the year 1996 and commenced its production in 1997 using the state of the art technology to produce high- grade Recycled Polyester staple Fiber. The company started with a modest production and grew to be major producer of the Recycled polyester staple fiber. It diversified into manufacturing of PP Spun bond Non woven fabric in the Year 2010 in various GSM and shades. Further addition to produce Virgin Polypropylene fibre was done in the year 2013.

Equipped with high end facilities and team of highly qualified and experienced professional the company thrives to deliver the best of quality at the most affordable cost.

We have presence in more than 40 countries in EUROPE, BRITAIN, LATAM, AFRICA, MIDDLE EAST, USA where our end product is used in various applications especially Needle punch nonwovens for Automotive felts and Geo textiles, Marine & Upholstery.

INFRASTRUCTURE

The manufacturing facilities of the company is situated in Gajraula, Uttar Pradesh, India which is a prominent industrial city with presence of major companies like Jubilant, Insilco, Teva, TTK etc.

There are 6 different lines for making Recycled Polyester staple fiber and PP staple fiber and 2 Lines to produce PP Spun bond Non Woven Fabric with total capacity to produce 30000 MT of fiber and 4000 MT of PP Spun bond per year which can produce different qualities of finished product simultaneously. We specialize in colored fiber and have the entire requisite infrastructure to produce colored fiber with minimum deviation on a continuous basis. Inventory of more than 4000 shades, and growing, help us match the master samples sent by customers quickly. Strong network of our reputed suppliers for masterbatch, pigments and dyes also help us in giving quick turnaround time in case of shade development. With most modern equipments for shade development and well managed team of professionals, Nirmal is preferred supplier to major Auto ancillaries to around the world and cater to clients in all domains.

Our quality system with high end quality checking equipments in place managed by well experienced quality professionals having more than 25 years experience gives the company enough control to compete and pass stringent quality standards set by the industry it is catering to.



RECYCLED POLYESTER # PET FIBRE



Dope Dyed Fibre



High Pile Knitting



Fire Retardant Fibre

PRODUCT SPECIFICATION

The Polyester staple fibre produced by us has the following specifications :-

Deniers	:- 1.2 denier to 110 Denier
Structure	:- Solid, Hollow
Cut Length	:- 25, 32, 38, 44, 51, 64, 76, 102 and 128 mm.
Feel	:- Siliconized, Non siliconized with Soft, Harsh feel.

We can produce Recycled Polyester staple fibre with following properties :

- » UV Stabilization
- » Fire Retardant
- » High Tenacity
- » High Elongation
- » Increased Hydrophilic nature
- » Low Shrinkage
- » Biodegradable, Antimicrobials

APPLICATION :-

- » Cushions, Pillows, Quilts, Toys, Jackets, and Mattress
- » Spun yarns
- » Non Woven Carpet, Automotive felts, Speaker felts.
- » Geo Textiles.
- » Polyfill wadding.
- » High Pile knitted fabric
- » Filter fabrics and other acoustics as well.



POLYPROPYLENE FIBRE

APPLICATION :-

- » Dref and Spun yarns
- » Non Wovens Carpet, Automotive felts
- » Geo Textiles.
- » Filter fabrics

The Polypropylene staple fibre produced by us has the following specifications :-

Deniers	:- 2.5 denier to 18 Denier
Structure	:- Solid
Cut Length	:- 25, 32, 38, 44, 51, 64, 76, 102 and 128 mm.
Feel	:- Soft, Harsh feel.

We can produce Polypropylene staple fibre with following properties :

- » UV Stabilization
- » High Tenacity
- » High Elongation
- » Increased Hydrophilic nature
- » Low Shrinkage



PP SPUN BOND NON WOVEN FABRIC (10 to 200 gsm)

CHARACTERISTICS

UNIQUE COMBINATION OF CHARACTERISTICS

- » Light Weight
- » Permeable
- » Absorbent
- » Disposable
- » Drape
- » Oero (Eco tex)
- » Non Allergic
- » Bio Composatable
- » Maintains Shape
- » Soft
- » Weed Protective
- » Water Permeable
- » Sewable
- » Heat Sealable
- » Insect Protective
- » Air Permeable



USAGE OF NON- WOVEN FABRIC

- » **Agriculture and Landscaping** : Crop covers, Nursery over wintering, Root Bags, Capillary Matting, Turf Protections, Weed Control Fabrics, Containers, Others types of covers.
- » **Personal Care and Hygiene** : Diapers, Tampons, Incontinence Products, Wet Wipes, Removers, Sanitary Napkins, Training Pants, Dry Wipes, Cosmetic Applications, and Lens Tissue.
- » Construction, Furniture and Bedding
- » Roofing and Tile Underlayment, Insulation, Pipe wrap, Acoustical ceilings, House wrap Sofa and Mattress lining.
- » **Bags and Ladies Purses** : Sleeping Bags, Tents, Luggage, Tea and Coffee Bags, Tarpaulins, Artificial Leather, Vacuum Cleaner Bags and Buff Pads
- » **Apparel and Accessories**: Coveralls, Airline Headrests, Clothing and Glove insulation, Pillow Cases, Interlinings Bra and Shoulder Padding.
- » **Sport Textiles**: Shoe, Shirt Cover/ Coat Cover and Sportswear.



Synthetic Leather

The company has come up with another venture of making synthetic leather cloth for various applications like FOOTWEAR, AUTOMOBILE AND FURNITURE DECORATIVES. The plant is based on Italian technology and able to make almost all type of leather cloth for OEM and consumer market. We have highly technical qualified team of production to make any type of quality for your requirement with ultra modern plant and test lab.



Details of Product

- a..60 mm to .90 mm lining in all colors.
- b.1.4 mm insole for plain colors embossed in different design.
- c.2.2 mm on line sandwich for floaters and sandals.
- d.1.2 mm to 1.7 mm school matt cotton based and non woven based.
- e.1.4 mm to 2.5mm pvc upper in all colors.
- f.PU Coated in all thickness and colors .
- g.Synthetic for safety shoes.(high tear strength).



APPLICATIONS

Synthetic leather for Footwear



Automobile Car, Scooter, Bus seat cover



Furniture



POLYURETHANE MOLDED FOAM

Polyurethane foam is a porous, cellular-structured, synthetic material made from the reaction of **polyols and diisocyanates**. Its structure is a composite of a solid phase and a gas phase. The solid phase is made from polyurethane elastomer while the gas phase is air brought about by blowing agents. The huge gas phase of polyurethane foams ascribes desirable properties such as good thermal and acoustic insulation, high force absorption, low density, and flexibility.



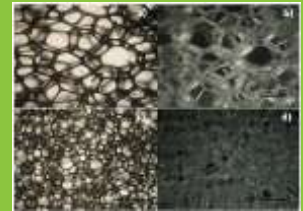
Mold



Base



PU Molded Foam



Porous Cellular Structure

SPECIFICATIONS:

- Cold curing
- MDI based foam
- Flame Retardant
- Density range 45 to 95
- High resilience
- Mold, Mildew & Fungus Resistance
- Color Ranges
- Economical Manufacturing Process



APPLICATIONS:

Automotive Seats & Deco.



Chairs & Sofas Seats



Mattress & Cervical Pillow



Memory Foams & Cushions



AGRO TEXTILE

Agro textiles are innovative products with special structural performances designed for agricultural applications and practices such as **weed control, wind protection, frost cover fabric** that is used for **adjustment of weather conditions from the sudden changing of temperature and seasonal changes.**



PRODUCT DETAILS:

- Air & Water Permeable
- Withstands UV radiation
- High Strength
- Bio degradable
- Bacteria barrier & Sterility
- High potential To Retain Water
- Withstands Solar Radiation

BENEFITS OF AGRICULTURAL FABRICS

- They help you increase your crop yield.
- They reduce the need for harmful chemicals.
- They improve product quality.
- They protect your crops from insects.
- They reduce losses, workers, and workload.

APPLICATIONS:

Fruit Protection Cover



Root Ball Net



Cold & Frost Control Fabric



Ground Covering Net





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