



Tex & Twist

Manufacturers of Technical Yarns & Fabrics

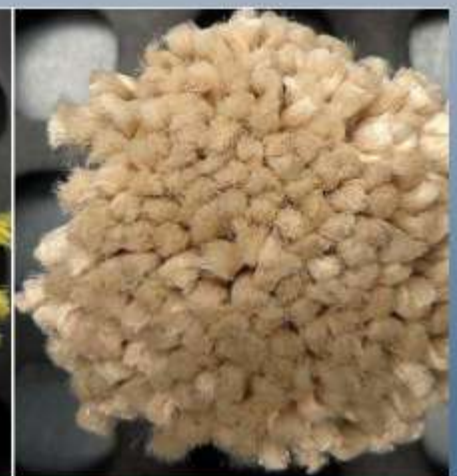
Tex & Twist was incorporated in the year 1994, to cater to the growing demands of the textile raw material for the spinning industries within India. In the early 2000's the company saw an opportunity in technical textiles and the company changed its focus in the field of performance fibres such as Aramids and Carbon.

Tex & Twist boasts of its own spinning and weaving facilities within India for the manufacture of various technical yarns and fabrics.

For over a decade we have been supplying high-quality products to the different industries within India viz. PPE, Safety Wear, Industrial Packing, Belting, Optical Fibre Cable etc.

Over the years we have built a reputation of fairness and quality control for all products manufactured in our premise.

RAW MATERIALS	YARNS	TECHNICAL FABRICS
• VISCOSE	• NYLON FILAMENT	• PARA ARAMID
• ACRYLIC	• NYLON BCF	• META ARAMID
• POLYESTER	• GLASS YARN	• GLASS HI-TEMP
• POLY PROPYLENE	• PARA ARAMID	• ALUMINIZED
• RAW WOOL	• META ARAMID	
• PRE-OX	• COATED YARNS	
• PARA ARAMID		
• META ARAMID		



RAW MATERIALS

VISCOSE

- Staple fibre in Ecrú & Dyed
- Sortable color transition
- Multicolor transition
- Dtex: 0.9 to 17
- Cut length: 38 to 150 mm
- Ecrú: Semi dull & Bright
- Advantages
 - ..good degree of whiteness
 - ..high absorbtion
 - ..solid handle
 - ..perfect fleecing
 - ..minimal shedding

PRE-OX

- Produced by the oxidation of polyacrylonite (PAN)
- High LOI (Limited Oxygen Index) hence ideal for heat insulation
- Crimped cut-fibre
- Denier: 2
- Cut length: 50 to 80 mm
- Advantages
 - ..suitable for spinning
 - ..suitable for non woven application in blends

ACRYLIC

- Homo Polymer Acrylic Fibre / Tow
- High strength fibres for technical applications
- Higher modulus and tenacity for better temperature stability and chemical resistance
- Dtex: 1.3 to 4.5
- Cut length: 30 to 60 mm
- Advantages
 - ..extensively used in non-woven filter media
 - ..excellent chemical resistance for upto 125 C
 - ..fibre blends for enhanced performance
 - ..excellent hydrolysis resistance
 - ..fibres do not melt

ARAMID

- Para and Meta Aramid
- 100% commercially pure
- Pulp / Fibre / Tops
- Heat and corrosion resistant
- Effective substitute to asbestos and copper
- Advantages
 - ..suitable for sealing solutions
 - ..suitable for friction products

POLYPROPYLENE

- Economical material offering a combination of physical / chemical / mechanical / thermal and electrical properties
- PP fibre
- Dtex: 6 - 15 s
- Cut length: 60 - 150 mm
- Colored
- Transition
- Advantages
 - ..tough, heat-resistant material ideal for transfer of liquids
 - ..recommended for vacuum systems for higher heat resistance
 - ..excellent resistance to acids and alkalies



INDUSTRIES

- Spinning
- Non Woven
- Sealant Industry
- Friction Industry

YARNS

NYLON FILAMENT YARN

- Polyamide 6 filament yarn
- PA 6, monofilament yarns
 - ..17dtex semidull, round
 - ..17dtex bright, trilobal
 - ..22dtex semidull, round
 - ..22dtex bright, trilobal
- PA 6, FDY, multifilament yarns
 - ..36dtex f 9 semidull, round
 - ..40dtex f 9 semidull, round
 - ..44dtex f 9 semidull, round
 - ..48dtex f 9 semidull, round
 - ..67dtex f 12, semidull round
 - ..67dtex f 18, semidull round
 - ..78dtex f 10, semidull round
 - ..78dtex f 18, semidull round
- PA 6, POY for texturisation
 - ..20dtex f 6, (24 dtex)
 - ..33dtex f 10, (39 dtex)
 - ..44dtex f 12, (56 dtex)
 - ..78dtex f 24, (100 dtex)

NYLON BCF YARNS

- Nylon 6 BCF texturized yarn, linear density dtex 1000 to 1800
- Nylon 6 BCF twisted heat set yarn, structure dtex (1000 to 1300) X 2
- Nylon 6 BCF twisted heat set frize yarn, structure dtex (1000 to 1300) X 2
- Advantages
 - ..carpet flooring made with this yarn is highly wear-resistant, antistatic and easy to clean
 - ..used for production of tufting in floor covering
 - ..upholstery materials
 - ..available in Ecru and colors

GLASS YARN

- Yarns for temperatures 500°C to 1000°C

ARAMID YARN

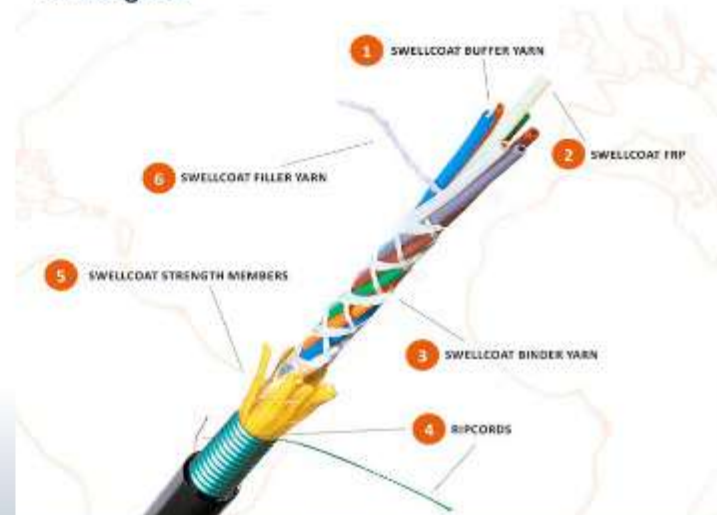
- Commercially 100% pure aramid
- Para Aramid / Meta Aramid Spun Yarns
- Made from post industrialisation fibers for non-critical uses
- Product range from 4/1 Nm to 14/1 Nm
- Multifold yarns in all counts available
- Finer counts can be produced on request

PREOX + ARAMID YARN

- PreOx + Aramid Spun Yarn
- 70:30 combination
- Better heat resistance
- Product range from 4/1 Nm to 14/1 Nm
- Multifold yarns in all counts available

VALUE ADDED FILAMENT YARNS

- Coatings on continuous filament yarns, FRP and extruded products
- Properties:
 - ..Water Blocking / Anti-Wick / Abrasion Resistance / Adhesion / Color / UV Protection / Lubricity
- Yarns:
 - ..Aramid
 - ..Polyester
 - ..Carbon
 - ..HMPE
 - ..Fiberglass



INDUSTRIES

- Texturisation
- Safety wear
- Fabric manufacturing for PPE
 - Industrial Gland Packing
 - Ropes & Twines
 - Optical Fiber Cables

TECHNICAL FABRICS

ARAMID FABRIC

- Commercially 100% pure
- Available in the following ranges

DESCRIPTION	GSM	WEAVE	WIDTH (cms)
Aramid Fabric	240 - 700	Plain / Twill	150

- Meta Aramid Fabric

- Available in the following ranges

DESCRIPTION	GSM	WEAVE	WIDTH (cms)
Meta Aramid Fabric	240 - 480	Plain / Twill	150

ALUMINIZED FABRIC

- Para Aramid one side aluminized
- PreOx and Aramid one side aluminized
- Available in the following ranges

DESCRIPTION	GSM	WEAVE	WIDTH (cms)
Para Aramid one side aluminized	360 - 600	Herringbone	100 - 150
Pre Ox + Aramid one side aluminized	260 - 700	Twill	100 - 150



INDUSTRIES

- Personal Protective Equipment (Apparel)
- Industrial Gloves manufacturing
- Insulation

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