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.

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<td>PARA ARAMID</td>
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<td></td>
</tr>
<tr>
<td>META ARAMID</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
RAW MATERIALS

VISCOSE
- Staple fibre in Ecru & Dyed
- Sortable color transition
- Multicolor transition
- Dtex: 0.9 to 17
- Cut length: 38 to 150 mm
- Ecru: Semi dull & Bright
- Advantages
  ..good degree of whiteness
  ..high absorbition
  ..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

www.texntwist.com
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
- Advantages
  ..because coating is applied at individual filament level, it increases the life of the yarn by reducing internal yarn-on-yarn abrasion
  ..improves break strength by improving load-sharing
  ..long-lasting coatings
  ..prevents ingress of particles that cause internal abrasion

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

www.texntwist.com
TECHNICAL FABRICS

ARAMID FABRIC
- Para Aramid Fabric made from spun yarn
- Commercially 100% pure
- Available in the following ranges

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>GSM</th>
<th>WEAVE</th>
<th>WIDTH (cms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Para Aramid Fabric</td>
<td>240 - 360</td>
<td>Plain / Twill / Herringbone</td>
<td>150</td>
</tr>
<tr>
<td>Para Aramid Fabric</td>
<td>480 - 650</td>
<td>Twill</td>
<td>150</td>
</tr>
<tr>
<td>Para Aramid Blend Fabric</td>
<td>480</td>
<td>Twill</td>
<td>150</td>
</tr>
<tr>
<td>Para Aramid Fabric with 700</td>
<td>700</td>
<td>Panama</td>
<td>150</td>
</tr>
<tr>
<td>Para Aramid Fabric with one side cotton raised</td>
<td>650</td>
<td>Twill / Panama</td>
<td>150</td>
</tr>
<tr>
<td>Para Aramid Anti-Fraying</td>
<td>450 - 700</td>
<td>Twill / Panama</td>
<td>150</td>
</tr>
</tbody>
</table>

- Meta Aramid Fabric made from spun yarn
- Available in the following ranges

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>GSM</th>
<th>WEAVE</th>
<th>WIDTH (cms)</th>
</tr>
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<tbody>
<tr>
<td>Meta Aramid Fabric</td>
<td>240 - 480</td>
<td>Plain / Twill</td>
<td>150</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
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<th>GSM</th>
<th>WEAVE</th>
<th>WIDTH (cms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Para Aramid one side aluminized</td>
<td>360 - 600</td>
<td>Herringbone</td>
<td>100 - 150</td>
</tr>
<tr>
<td>Pre Ox + Aramid one side aluminized</td>
<td>250 - 700</td>
<td>Twill</td>
<td>100 - 150</td>
</tr>
</tbody>
</table>

GLASS FIBRE FABRIC
- Thickness 0.5mm to 1.5mm
- Weaving pattern plain / satin / twill
- Coatings available
  - PTFE: available thickness 3 mil to 30 mil
  - SILICONE: single / double sided coated fabric .560gsm / 0.4mm
  - ALUMINIZED: aluminium foil with neoprene binder .520gsm / 0.4mm

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

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