We are integrated Enterprise that specialize in engineering textile and civil textile.

**The Core Business**: Paper machine clothing, polyester forming fabrics, dryer fabrics, nonwoven mesh belt, antistatic fabrics, filter belts, sludge dewatering fabrics.

**The Team**: Owned factories & about 16 branch factories, has more than 5000 dedicated and talented employees, who daily contributes to the development of each of our valuable customers, through experience, expertise and deep commitment.

**The Technology**: Offer leading edge technology & Special fibrous material which highly used in paper-making, leather, building material, medicine, aerospace and so on.

**Mission and Vision**: Our mission is to provide the best products and services for our customers, through know-how, industry experience and expertise to reduce their cost and expand their benefits.

**Our Advantages**: Customer orientation. We treat customer as the God with Lower price but high quality.

**Our Achievements**: We are one of the biggest textile technology products supplier in China and have more than 800 customers all over the world.
The polyester forming fabrics is an important piece of equipment on a papermaking machine and is a device for forming and dewatering paper sheets on a papermaking machine, it dewater the pulp suspension from the headbox then transports the paper web. Polyester synthetic forming fabrics is a commonly used filter mesh in the forming section of paper machine, the forming mesh belts is mainly made of polyester monofilament, divided into 1 layer, 1.5 layers, double layer, 2.5 layers, and triple layer forming fabrics, in order to increase the work life of the polyester forming wire, Benost weaves the nylon monofilament with better abrasion resistance in the weft, which makes the fabrics life longer and reduces the cost.

### Advantage
- For paper and board grades that require excellent printability.
- Excellent formation and excellent fiber support.
- No fabric marking and easy to clean.
- Very good stable and wear resistance.
- Stronger dewatering performance, long life.

### Main Technical Specification

<table>
<thead>
<tr>
<th>Type</th>
<th>Warp Diameter (mm)</th>
<th>Weft Diameter (mm)</th>
<th>Warp Density</th>
<th>Weft Density</th>
<th>CFM</th>
<th>SF</th>
<th>SL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BN6001</td>
<td>0.15/0.20</td>
<td>0.15, 0.15</td>
<td>70</td>
<td>55</td>
<td>313</td>
<td>52</td>
<td>160</td>
</tr>
<tr>
<td>BN5001</td>
<td>0.15/0.20</td>
<td>0.15, 0.13</td>
<td>66</td>
<td>67</td>
<td>387</td>
<td>66</td>
<td>148</td>
</tr>
<tr>
<td>BN5002</td>
<td>0.15/0.20</td>
<td>0.15, 0.13</td>
<td>65</td>
<td>65</td>
<td>344</td>
<td>58</td>
<td>145</td>
</tr>
<tr>
<td>BN4001</td>
<td>0.18(PET)/0.22(PET)</td>
<td>0.18(PET)/0.18(PA)</td>
<td>52-53</td>
<td>56.5-57.5</td>
<td>348</td>
<td>57</td>
<td>126</td>
</tr>
<tr>
<td>BN3001</td>
<td>0.25(PET)/0.30(PET)</td>
<td>0.25(PET)/0.20(PA)</td>
<td>37.5-38.5</td>
<td>36.0-37.0</td>
<td>424</td>
<td>43</td>
<td>81.6</td>
</tr>
<tr>
<td>BN3001</td>
<td>0.22(PET)/0.28(PET)</td>
<td>0.18(PET)/0.20(PA), 0.40(PET)/0.42(PA)</td>
<td>41.5-42.5</td>
<td>48.0-49.0</td>
<td>411</td>
<td>47</td>
<td>91.3</td>
</tr>
</tbody>
</table>
Dryer fabrics and screens, also known as dry section synthetic mesh (polyester dryer fabrics or dryer clothing), highly permeability fabric, used in the dry part of the paper machine to transfer paper sheets, improve heat transfer, and level the paper. Dry papermaking mesh have a flat, tight structure. It is suitable for corrugated paper, cultural paper, super calendar paper, offset printing and low gram paper. Applicable to the drying section of paper machine and other industries.

Advantage
- Effective control of fluff
- Uniform size
- Smooth surface
- Easy to operate
- Adjustable air permeability
- Monofilament water resistance system

Main Technical Specification

<table>
<thead>
<tr>
<th>Type</th>
<th>Diameter(mm)</th>
<th>Density yarn (cm)</th>
<th>Air permeability(cm³/10h)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1.15</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.55</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.95</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>1.55-1.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>1.95-1.25</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>2.55-2.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>3.55-3.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>4.55-4.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>5.55-5.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>6.55-6.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>7.55-7.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>8.55-8.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>9.55-9.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>10.55-10.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>11.55-11.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>12.55-12.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>13.55-13.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>14.55-14.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>15.55-15.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>16.55-16.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>17.55-17.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>18.55-18.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>19.55-19.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>20.55-20.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>21.55-21.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>22.55-22.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>23.55-23.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>24.55-24.15</td>
</tr>
<tr>
<td></td>
<td>3.50-0.65</td>
<td>0.35, 0.70</td>
<td>25.55-25.15</td>
</tr>
</tbody>
</table>
PAPER MACHINE CLOTHING (PMC)

Press Felt

Main Technical Specification

- Weight: 1900-2100 GSM
- Thickness: 4.8-5.2MM
- Air permeability: 100-150CFM
- Linear pressure: 180-400KN/M
- Lifetime: 60-180 days

Pulp Board Felts

- Weight: 1P top and bottom: 1550-1700 GSM
  2P top and bottom: 1650-1800 GSM
  3P top and bottom: 1650-1850 GSM
- Thickness: 3.5-4.2MM
- Air Permeability: 50-80CFM
- Mesh: Endless and Twill weaving technology; stable structure, providing mesh by all single fiber
- Batt: full imported fiber, smooth felt surface
- Afterfinish: Singeing, washing and pre-compaction.

Packaging paper felts

- Felts: 1300-1650 GSM
- Thickness: 2.5-3.4MM
- Air Permeability: 40-70 CFM
- Mesh: Endless and Twill weaving technology
- Batt: full imported fiber, super smooth felt surface
- Afterfinish: Singeing, washing and pre-compaction.

Culture Paper felts
Non-Woven Mesh Belt

Spunbond Mesh Belt

![Red belt](image1)
![Red Anti-Static belt](image2)
![Black Anti-Static belt](image3)

The spunbonded nonwoven fabric developed rapidly, with production line speed of nearly 2000 M/min and fabric weight of 10 g. Benost offers a wide range of products with a high degree of matching, we are committed to helping customers reduce operating costs and improve product quality, for the medical and hygiene industries, the spunbond polyester mesh belt need a flat interface design, no imprint, and excellent running performance, the smooth surface of the mesh belt makes the fiber mesh pass smoothly without lint.

**Advantage**

1. Belt surface is smooth,
2. PTFE monofilament is used,
3. The equipment is running clean,
4. Double ring interface,
5. Consistent with the mesh surface,
6. Convenient installation,
7. High dimensional stability,
8. Uniform fiber mesh forming.

Spunlace Mesh Belt

![No22 mesh](image4)
![No103 mesh](image5)

High-performance monofilaments and special nickel are used in the screens and rollers corresponding to the Spunlace Line, which can produce 12 to 500 grams of various spunlace nonwovens for sanitary materials, the net curtain and roller used in the spunlace cross and semi-cross network meet the industrial cleaning and life wiping, and also apply to filter materials, focusing on innovative applications, we continue to develop web curtains for different applications based on market feedback to match the expanding applications of spunlace nonwovens and tailor your exclusive products to your market protection.
Non-Woven Mesh Belt

Hot Air Mesh Belt

Benost has designed high-speed carding polyester mesh belt and heat-bonded mesh fabrics with strong anti-stick properties for hot air mesh belt, and providing the necessary conditions for increasing the speed of the production line. The special design of the polyester mesh fabrics makes inlet diversion, smooth suction, and the hot wind build-up penetration effect is good, which effectively improves the thermal energy utilization rate and reduces the energy consumption. The ES fiber was evenly laid on the web and peeled quickly.

Airlaid Mesh Belt

In airlaid dust-free paper applications, Benost designed the polyester mesh belt with improved belt quality and anti-pollution properties from wood pulp air flow molding, sizing drying and other aspects, and the design of different areas of the air permeability parameters are different, the mesh edge processing method is also based on the difference in the customer’s production process, and the intensity of processing is more stable, the use of a power grid overcomes the occurrence of product cloud spots, and the web builds more evenly.

Meltblown Mesh Belt

According to the characteristics of the melt-blown industry, meltblown polyester conveyor mesh belt play a key role in the formation of fabric, high-permeability circular weaving and effective discharge of static electricity allow extruded and disentangled fibers to be distributed on the mesh belt, mesh belt is not afraid of high temperature solution spray, and have strong peelability, plaques are easy to clean.
Filter Belts

Sludge Dewatering Fabrics

Sludge dewatering fabric of Benost mesh belt mainly used in belt filter press system, rubber belt vacuum filter, horizontal vacuum belt filter. It is suitable for municipal sludge, filter press for sludge in various industries, paper mill press, juice concentrate press and other special industries.

Desulfurization Filter Fabrics

Polyester material, polyester filter fabrics used in disk filters for the separation of pulp of iron minerals.

Desulfurization Filter Fabrics

Benost filter belts usually used for mining industry to filtering and separating, the screen belts made of polyester or metal, with the optimum mesh openings, guarantee the high separation efficiency and filtration performance.
**Special Belt**

**Application**

Antistatic mesh belt is widely used in nonwoven, wood, dust-free paper, chemical fiber and other industries. According to the different nature of industrial applications, Benost conductive mesh belts are rich in variety and perfectly match various application fields. Whether it is an endless interface or an end-to-end interface, it can accurately achieve dimensional stability and excellent discharge performance. Mesh belt with high strength, high mechanical load resistance, able to adapt to strong impact whether it is pressing, embossing, drying, etc.
Seam Joint and packaged Types

Spiral joints
Steel Cliper
Double Pin joints
Pin joints
Automatic seaming process

Spiral joints
Steel Cliper
Double Pin joints
Endless seam
Coated on edge

Wooden packaged
Jute bags packaged