**Cinte Techtextil China** is the ideal trade fair for technical textile and nonwoven products in Asia. This year the fair welcomes **Technova Srl** from Italy to showcase their flocked yarn for automotive fabrics, office chairs, automotive cables, flexible shafts, hometextile, flocked fabrics, flocked PVC and plastics, flocked translucent foils.

(Detailed product info featured on page 2.)

#### **Technova Srl**

The first production line of Technova was installed in Germany in the early 60's. Today Technova owns all developments, experiences and know-how grew during the time, which can satisfy the diverse requests of customers. Core competence is the production of flocked yarn for several markets, like automotive industry, medical industry, furniture, clothing, accessories and further technical applications.

### Technona's flocked yarn

The flocked yarn is a velvety yarn, soft to the touch with high comfort thanks to the large amount of air (80%) it contains. The flocked yarn behaves like a small air conditioner that carries the moist air outside with the advantage of reducing perspiration in the summer and not have an "unpleasantly cold" seat in winter. In fact, the air incorporated between the fibers of polyamide quickly reaches the temperature of the passenger's body. The flocked yarn is a three-component product, with a carrier (monofilament or multifilament) of PA6, PA66, PES, Rayon, coated with acrylic adhesive, on which are radially fixed PA 6.6 FLOCK fibers by the technology of electrostatic flocking.



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# Applications - Medical & personal care

The flocked yarn is regularly used for manufacturing medical compression stockings and other similar fabrics or meshes.

The flocked yarn is also used successfully for the realization of dental floss, interdental brushes and products for cosmetics.

It is also possible to flock metallic threads or tubes for cleaning surgical implants.

### **Applications - Automotives**

The flocked yarn is mainly applied in the production of fabrics for automotive and bus seats covering. The fabrics produced with flocked yarn guarantee an appearance and a feeling unique and pleasant, a qualitative duration in time thanks to the high air permeability and excellent results in terms of light fastness and abrasion resistance. Its greater adherence of the passenger to the seat is very important in terms of comfort and safety.

The main flexible shafts and cables used to move electric sunroofs, seats and windows are coated with our technical flocked yarns. The homogeneity of our flocked yarn applied on the flexible cables avoids annoying noise or creaking during movement. For this application we offer a range of fibers from 0.9 dtex to 44 dtex (including 6.7 dtex, 17 dtex, 22 dtex), with a titer range from Nm 0.8 up to Nm 5.5. Most of our technical flocked yarns are developed directly with the customer according to its technical demands and specifications submitted by the end customer.

# Applications - Furniture, office and clothing

The application of Flocked Yarn in furniture and clothing is synonymous with quality and durability. Increasingly mesh fabrics are made using our flocked yarns to get more comfortable and performing office chairs. The velvet of flocked yarn is ideal for the production of carpets with an high visual and sensory impact. The flocked yarn combines high technical resistances to a soft and pleasant aspect, synthesis of durability and quality.

**Other applications:** Flocked Yarn for filtration fabrics, coating of metallic fabrics, lifting belts and velvety safety belts





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