

TECHTERA on AVANTEX

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Press Kit

Promoting technical textiles
through design



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Who are we ?

TECHTERA is the **innovation cluster for textiles and flexible materials in the AUVERGNE-RHÔNE-ALPES Region**, number 1 in technical textiles in France.

The cluster supports its **135 members** in the emergence, structuration and implementation of their **collaborative R&D projects**. Since its creation in 2005, TECHTERA has approved **more than 190 innovative R&D projects**.

Its members are also supported on **the application markets of the sector**: international actions (trade fairs, partnership missions ...), **launch of innovative products and identification of textile solutions**.

TECHTERA will be present on the AVANTEX trade fair, **Hall 4, booth Y-429**.

Supported by



The Fashion Technologies

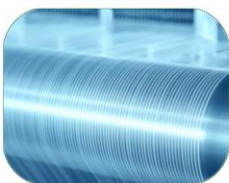
Functionality and aesthetics

The **growing interest of the general public** for connected objects and the great potential for **innovation** provides a very favorable situation for Fashion technologies, in terms of **reputation** and **economy**.

This merging of fashion and technology **revolutionizes the very status of the garment**. It loses its passive dimension to anchor itself in a **digital and multifunctional world**.



Technical textiles and Fashion Technologies



A common desire for innovation

Technical textiles and fashion share a **real desire for innovation**. The technical textiles industry attaches great importance **to improving its products** through a strong R&D impulse. Fashion, on the other hand, is based on the very principle **of creating new trends**.

The creation of a new market

Capitalizing on this shared desire and on the **complementarity of their know-how**, fashion and technical textiles are working together to **open new markets**.

The combination of creativity, new functionalities and reliability is a unique opportunity for both industries. This collaboration is both **fascinating for the general public** and **reassuring for brands and manufacturers** thanks to the properties of technical textiles.

THE MERGING OF FASHION AND TECHNOLOGY IN PARIS

Created in 2005, AVANTEX is **one of the world's leading events** in the Fashion Technologies sector, a **catalyst for new projects** between **high technology textiles** and **fashion companies**.

TECHTERA ON AVANTEX

For the third time, **TECHTERA will participate to the AVANTEX** show through a **representation booth**. The 2017 editions were a great success:

- Relays on **Libération** and **Salon News**
- **17 pieces of clothing** created using the exhibitor materials (on a mannequin and worn during a parade)
- **119 brands meeting**

10 members of TECHTERA and innovative companies in the AUVERGNE-RHÔNE-ALPES Region will highlight their latest technical innovations on the stand **Hall 4, booth Y-429**.

TECHTERA AND ESMOD

For the February 2018 edition, TECHTERA develops a partnership with ESMOD Lyon Fashion School. **Outfits will be created with technical textiles** produced by one of our members, the industrial **PORCHER INDUSTRIES**, specialized in **glass fabric for cars, composites, building or sport**.

The goal is to **let the students make these materials their own** and to **surprise the industrial techniques** by the stylistic propositions.

Key numbers

107

Countries

13 500

Visitors

119

Brands meetings
for TECHTERA

Our members on AVANTEX PARIS

AJ BIAIS

Major player in the **accessories and border market**. The singularity of AJ BIAIS is to have a **diverse and complementary production tool** (dyeing, cutting, printing, coating and welding) which allows the company to **create, develop** and **manufacture** products **adapted** to its customers.

Innovation: bias, piping, cords, braids and complex borders.



BMI - SOFILA

Specialist in the **production of continuous filaments** (polyamide, polyester, viscose, acetate, elastane) by **mechanical transformation**. Wide range of **breathable products** improving thermal comfort and eco-friendly.

Innovation: weaving and knitting from yarns using Greenfil (bio-sourced material) and Becool thermoregulator products.



CARLHIAN

Specialist in the manufacture of **gold and silver metallized threads, trimmings, bindings** and conductive technical fabrics for the **defence, aeronautics** and **sports** industries.

Innovation: metallic yarns (gold, silver, nickel or copper) and integration in textile materials, electromagnetic shielding.

CHEYNET

CHEYNET develops, manufactures and markets **elastic ribbons for ready-to-wear, lingerie, medical and technical applications**. The company offers innovative products, meeting the spirit of the customers' collections.

Innovation: special silicone depositing on fabrics, lace, elastic bands specifically adapted for maintenance, protection, healing or decorative functions.



DIATEX

Developer of **technical fabrics and Oeko-Tex labelled composites** split between four sectors: the **aeronautical, agricultural, composite, and technical fabrics** markets.

Innovation: insulating and thermo-protective multi-layers composite, coated polyamide fabric for technical bags and polyamide sheets sealed for helium.

Our members on AVANTEX PARIS

ELKEM

ELKEM is a market leader in **textile coating** and developer of innovative **silicone solutions** that bring new functionalities to technical textiles. Specialist in **elastomers** for the **automotive** industry and the **medical** world.

Innovation: aluminium-look glass fabric, non-flammable & thermal qualities, elastomer-based functional fabrics.



MASSEBEUF TEXTILES

Creator and manufacturer of **functional technical yarn**. The company creates for many markets including **medical, footwear, personal protection** and **sport**.

Innovation: Silicotex yarns used in the field of connected clothing to improve the readability of sensed and conductive signals.

PORCHER INDUSTRIES

PORCHER INDUSTRIES is an international group **developing** and **producing innovative materials** combining **textile and chemistry** for many markets: **automotive, building** and industries, **composites, electronics** and **sports**.

Innovation: five outfits on mannequins from different PORCHER materials in partnership with ESMOD.



SASYTEX

Specialist in the engineering and **production of synthetic technical fabrics** or mixed with **natural fibres**. The company is present in the apparel, personal protection and industry markets.

Innovation: waterproof and breathable 3-layer membrane, water-repellent, breathable Cordura® fabric and Cordura® stretch fabric, highly water-repellent.

SATAB

SATAB is an independent French family company that **creates, weaves, braids** and **knits ribbons, bindings, cords, braids, straps** and other narrow, rigid or elastic textile articles.

Innovation: straps 100% cotton, elastic, ribbon integrating metallic yarns, cords and bindings from the SATAB LAB.

