



Techtera



French Textile Innovation Cluster

Techtera supports

31 companies
on Techtexil

Booth E78C Hall 12.1

WHO ARE WE?

Competitiveness & collaborative innovation

Techtera is the French innovation cluster dedicated to textile. It animates a network of more than 282 members (companies, research laboratories, technical centers, universities and schools) with the main objective of boosting competitiveness through collaborative innovation. Since 2005, Techtera has labelled 294 R&D projects that received fundings for an amount of 721 million €. Additionally, the cluster offers business services including international collective missions, collective booths on main trade events, supporting the launch of innovative products in the market, and identifying textile solutions for various industries.

Application markets



Agriculture



Sports and leisure



Health

Transports



Infrastructure and construction



Industry



Security, protection and defense



Clothing, fashion and decoration

European level certification

The «Cluster Management Excellence Label Gold» is given by the European Cluster Excellence Initiative. It acknowledges the highly sophisticated cluster management of Techtera and the success and commitment of the cluster to further improve its organisational structure and routines.

Techtera is the first textile cluster to obtain the «Label Gold».



4 REASONS TO BECOME A MEMBER

1

Anchor and develop the roots of innovation

All studies demonstrate a correlation between the results of a company and its ability to innovate. Joining Techtera means taking part in a proactive approach to innovation.

2

Share risks, resources & access to specific public fundings

The labelling of projects by Techtera optimises your chances of accessing national and European fundings. Furthermore collaborative innovation allows you to enhance your investments.

3

Access key players of textile innovation

Seeking a skill, taking advantage of opportunities, setting up technological collaborations in the textile sector: Techtera's network meets your needs for innovation!

4

Benefit from high performance services

Techtera offers varied and relevant animation programs, assistance in your R&D projects, optimised visibility with influential key players, support on international markets...



TECHTERA'S SERVICES

Industry stimulation

- **Innovation workshops:** generate R&D projects from technology watching.
- **Techtera's network workshops:** generate R&D projects from the markets.
- **Valorisation workshops:** promote / disseminate the results of our members' R&D projects.
- **Competitiveness workshops:** improve markets knowledge for our members.
- **The Techtera Clubs:**
 - Club RECIT: Recycling and Circular Economy in the Textile Industry,
 - Club STeW: Smart Textiles & Wearables,
 - Club Industry 4.0: Digitalisation of the textile value chain.

Business development

- **Business launching of innovative products:** introduce innovations to the markets.
- **International support:** technological and business missions, collective booths on the main trade shows, market studies and technology monitoring.
- **Business opportunities:** find textile skills thanks to our 350 know-how listed in our database.

Collaborative innovation

- **Projects labelling:** guaranty the viability of the project for better chances of getting a public funding.
- **Projects support:** at each key stage, for national and international projects.
- **Identification of national and European fundings:** identify the best suited financing and calls for projects.

KEYS FIGURES

282 members

on the whole textile value chain

65 workshops

in 2023 with more than 1 800 participants

7 European missions

organised abroad in 2023

The French textile industry

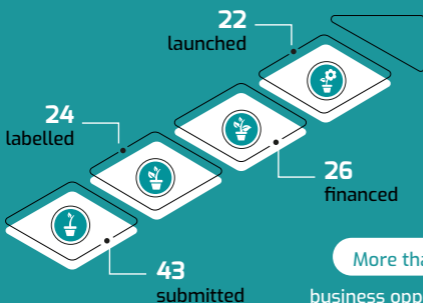
2 200 companies

62 500 jobs

10.5 billion turnover from export

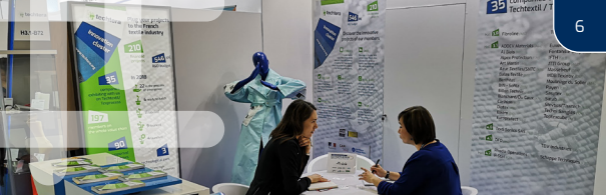
Techtera's projects in 2023

294 financed projects since 2005
for an amount of 721 M€



More than **100**

business opportunities answered thanks to our CART'EX database



VISIT US!



Techtera supports

31 companies on Techtextil

- ▶ AQ-Techp.7
- ▶ Bertheasp.8
- ▶ Blanchard Tech & Yarnsp.9
- ▶ Cernayp.10
- ▶ Chamatexp.11
- ▶ Europrotectp.12
- ▶ Fibrolinep.13
- ▶ Fotia DMTp.14
- ▶ GammaOp.15
- ▶ Héraud Rubansp.16
- ▶ IFTHp.17
- ▶ JRC Reflexp.18
- ▶ Les Fils de Lyonp.19
- ▶ Manutexp.20
- ▶ Massebeuf Textilesp.21
- ▶ MKM Couturep.22
- ▶ Montdorp.23
- ▶ Otegop.24
- ▶ Porcher industriesp.25
- ▶ Proneemp.26
- ▶ Recyc'Elitp.27
- ▶ Samuel Rochep.28
- ▶ Satabp.29
- ▶ Sofilap.30
- ▶ Spoolexp.31
- ▶ Stevtiss/Tisstechp.32
- ▶ Sulitecp.33
- ▶ Techni Sanglesp.34
- ▶ Texti Sonics SASp.35
- ▶ Thimonnierp.36
- ▶ VirHealthp.37

Processes

Machines

Yarns



PROCESSES



With over 16 years of experience in developing wearable airbag technology, our founder, Alexandre Quarrey, has established a multidisciplinary engineering team that excels in transforming smart textile projects into real industrial products.

application
areas

Sports and entertainment, medical care (health & well-being), manufacturing industry, airbag, military, personal protective equipment, luxury...

products

- Innovation in new technologies (sensor integration, airbags, inflatables, lighting, heating...).
- Prototyping and optimization.
- Industrialization & certification.
- Production.
- Comprehensive and reliable team : mechanics, electronics, textiles.
- 450 m² workshops.

innovations

We are the pioneering entity dedicated to smart textile products, equipped with a multidisciplinary engineering team. We ensure the development of reliable and industrial products with complete support from R&D to production.



Alexandre QUARREY
contact@aq-tech.fr
www.aq-tech.fr

Booth E58D-12.1



PROCESSES



Bertheas is a French company established in 1929, specialised in the production of technical fabrics and medical elastic tapes. In the 1990's, jacquard elastic bands are integrated. It now maintains its leading position thanks to a constant investment and innovation policy.

application
areas

Orthopedics, men's underwear, sport corsetery and lingerie.
Technical applications such as exoskeleton, smart textile (connectivity and IoT...), work clothes, military and protection equipments...

products

- Elastic bands and fabrics (some including grip face).
- Elastic waistbands for underwear.
- Straps and under breast bands for sports underwear, beachwear, dancewear...
- Elastic jacquard bands for technical applications.
- Spacer 3D and loungewear textile.

innovations

- MICRO-GRIPP UF® grip elastic band ultra flat and clean cut.
- STRETCH-CTRL® reduces oscillations and avoid bounding effect while moving.
- Multifunctional textile for back belt
- Half ready made up articles for industries.



Éric BAHON
ebahon@bertheas.com
www.bertheas.com

Booth E78B-12.1



YARNS



BLANCHARD

FRENCH SAVOIR-FAIRE FOR TOMORROW

French producer of gimped yarns made with textile core covered by metallic or metallized threads or technical films. It also produces different types of traditional yarns. OEKO-TEX and GRS certified.

application
areas

Agriculture, automotive, electricity, electronics, food industry, furnishing, geotextile, industry, medical, packaging, safety accessory, personal protective equipment, sports and outdoors, transports.

products

- **Wires** in silver, stainless steel, copper, nickel, different alloys to 200 microns to 20 microns.
- **Slits functional films** used in technical yarns (PE, PTFE, metallized films...).
- **Traditional textile yarns** with different raw materials.

innovations

- Ultra-thin and ultra-resistant anti-cut wire.
- Aramid-based adhesive film on PVC.



Christophe CASTRO
christophe.castro@blanchard.fr
www.blanchard.fr

Booth D79B-12.1



CERNAY PRO

Cernay Pro is specialized in the production of technical fabrics, (weaving and finishing) especially printed fabrics with camouflage design in VAT/dispersed dyes.

application
areas

Personal protective equipment (industry, military, police forces, workers, corporate), automotive, medical equipment and luxury.

products

- Polyester fabrics,
- polyester/cotton,
- 100% cotton (GOTS),
- Linen, aramid...

innovations

Propital, is a polyester/cotton fabric 210 g for uniforms in hospital (without formaldehyde in finishing treatment).



Hervé LADOUE
h.ladoue@eurotf.fr
www.eurotf.com

Booth C60G-12.1

PROCESSES

CHAMA
TEX
GROUP

Chamatex Group is an integrated textile group located in France. The group develop and produce specific technical textiles.

application areas

Sport shoes, lifestyle outdoor, luxury luggage, industrial use, personal protective equipment, racing suit, medical application and furnishing.

products

More than 350 employees and 8 industrial plants for:

- warping, weaving, dyeing and finishing,
- outdoor and lifestyle garment making,
- luxury luggage production,
- sneakers and sport shoes assembling,
- upholstery and production of curtains.

innovations

- **Karapace** is a new branded fabrics for fire-fighters protection.
- **Suspendor** is a new branded technology for military and police equipment.
- **Matryx** is a well-known branded technology for sport and security upper shoes.



Thierry DECROUX
tdecroux@chamatex.fr
www.chamatex.fr

Booth D79A-12.1



PROCESSES



Europrotect is one of the few manufacturers of technical textiles to be integrated from weaving to finishing/printing. Its products are then used to manufacture personal protective equipment.

application
areas

Protection (firefighters), defence (police, army) and industry.

products

Patriot: designed to provide policemen and soldiers optimum protection against heat, flame and mechanicals risks. Available in any kind of color or camouflage, this product already equips several European armies.

innovations

Twin Square®: a perfect combination between comfort, protection and durability. Its patented diamond weaving offers you high mechanical performances and excellent results in heat transfer, chemical repellency, UV exposure...



Jean-Olivier DEJARDIN
contact@europrotect.fr
www.europrotect.fr

Booth C60G-12.1

PROCESSES



Engineering company which has developed and patented innovative dry impregnation technologies. These cleantechs enable to impregnate powder into porous structures using an alternating electric field.

application areas

Filtration, technical textiles, medical, cosmetic, hygiene, composite, building, automotive and transportation.

products

Fibroline has developed four innovative technologies:

- **D-Preg:** for technical textiles,
- **S-Preg:** specific deposition process for medical field,
- **Y-Preg:** for yarns, ribbons and tapes,
- **T-Preg:** high-speed configuration for hygiene.

innovations

Fibroline's technologies have a very wide range of applications because they are:

- **Innovative:** new products can be created,
- **Economical:** energy savings,
- **Fast and easy to control,**
- **Dry and non-polluting:** no water or solvents.



Léa MONIN
lmonin@fibroline.com
www.fibroline.com

Booth D90 - 12.0



PROCESSES



From design to commissioning, including mechanical, electrical and automation design and production, Fotia DMT is specialized since 1926 in custom machine construction for soft materials. Fotia DMT offers too its industrial maintenance services.

application
areas

Automotive, aeronautics, medical, foundry, building, composites, boating, energy, laboratory and R&D equipment, chemicals, environment, health, food processing, effluent treatment, painting, technical textiles, personal protective equipment.

products

- Custom machines for soft materials in the field of winding, unwinding, cutting, calendering, splicing, lamination, buffer, palletizing, packaging, etc.
- Washing, drying, disinfection and packaging machines for PPE.
- Solutions for disinfection of workshops/ premises with ozone.
- Water treatment solutions/liquid effluents.
- Mechanical studies, structural calculation notes.
- Electrical diagrams and manufacture of electrical cabinets.
- Automation.
- Industrial maintenance.



Sébastien FÉRAUDET
sebastien.feraudet@fotia-dmt.fr
www.fotia-dmt.fr

Booth A26B-12.0



PROCESSES

Gamma^γ

GammaO's activity is based on the exploitation of patented technologies at the intersection of flexible electronics, energy harvesting, and textiles the Triboelectricity.

application
areas

Smart textiles, sports.

innovations

GammaO's expertise extends to the creation of electrodes using digital embroidery technology. The design and integration of these electrodes into textile are optimized to suit specific applications: energy harvesting or sensor.



Pascal WEBER
pascal.weber@gammao.fr
www.gammao.fr
www.uppik.fr

Booth E78C-12.1

PROCESSES



**RENÉ
HERAUD**
Rubans et Accessoires
pour l'ameublement
et le packaging

Founded in 1966 in Saint-Etienne, Héraud Ribbons specializes in ribbon weaving. The company offers a wide range of ribbons and curtain articles with innovative textile and decorative accessories.

application areas

Home, decoration, clothing, lingerie, packaging, industry, luggage.

products

- Recycled polyester ribbons,
- 100% polyester straps,
- Satin ribbons,
- Velvet ribbons,
- Grosgrain.

innovations

- In-house dyeing,
- Ultrasonic and laser cutting method,
- Application of an adhesive agent,
- Print your logo or any other visuals,
- Customization upon request.

Ongoing development of a strap that changes color according to temperature.



François HÉRAUD
developpement@rubans-heraud.com
www.rubans-heraud.com

Booth D59B-12.1



PROCESSES

ifth Institut Français du
Textile et de l'Habillement

French technological center for the clothing and technical textile sectors. Its skills, laboratories and technical platforms, which can be mobilized throughout the life cycle of products, make IFTH a complete and unique solution.

application
areas

Fashion and clothing, sport and leisure, protective equipment and workwear, health and medical, automotive, aerospace, aeronautics, building, geotextiles...

products

- Innovation and prototyping, technical assistance, strategic monitoring.
- Tests: evaluation of compliance with regulations, standards and inhouse quality guidelines.
- Certification and labelling.
- Knowledge and skills management.

innovations

IFTH innovates to develop environmentally friendly solutions in the value chain of the fashion and textile industry such as: new organic fibers, single-material products for recycling, more ecological finishing treatments, recycling technologies, among others, etc.



Pascal RUMEAU
commercial@ifth.org
www.ifth.org

Booth E78C-12.1

PROCESSES



JRC REFLEX specialises in retro reflective, elastic fabrics and trimming. The company has developed a wide range of high performance fabrics, targeting active sports apparel end-uses from first layer to outerwear.

application areas

Sports and leisure, outdoor, fashion, furnishing, automotive, moto.

products

- Retroreflective stretch on knitting fabric,
- Retroreflective stretch on non-stretch fabric,
- Retroreflective piping,
- Retroreflective stretch tape,
- Both retroreflective stretch,
- Tape retroreflective stretch piping...

innovations

JRC REFLEX is introducing BiO RE-FLECTIVE the first light-reflecting material that combines bio-sourced and recycled content at Milano Unica. The French company, whose manufacturing facility is located in Bergamo, Italy, has been offering retroreflective fabrics and trims made from recycled polyester for years. With the development of a new bio-resin derived from renewable plant-based raw materials, it further reduces the environmental impact of its products.

This is a strong trend in both the sports and fashion markets. BiO RE-FLECTIVE is a natural evolution of our research into more sustainable solutions.



Céline CUGERONE
info@jrc-reflex.com
www.jrc-reflex.com

Booth E58E-12.1



PROCESSES



STAT

LES FILS DE LYON



Jet Metal™

Les Fils de Lyon and Jet Metal have merged to create a key player in the textile field offering fibers, yarns, woven, knitted and nonwoven metallizing solutions. Through their innovations and industrial capacities, the company supplies all metallized functional surface treatments.

application
areas

Medical, automotive, sportswear, aeronautic, smart textile, industry, hygiene, home, clothing, defense, agriculture, protection.

products

Functionals silver metallization on several materials for EMI shielding, IR reflectivity, anti-microbial, electrical conductivity, heating surface, smart textile and antistatic. Also, stainless steel: high electrical conductivity and resistance to high temperatures.

innovations

Merged from a 40 years' experience company and a university's R&D technology, R-STAT® Groupe Jet Metal propose a unique know-how in the field of textile silvering.



Edouard des GAYETS - Pascal PENINON
e.desgayets@jetmetal-tech.com
ppeninon@r-stat.com
www.r-stat.com

Booth C60E-12.1



PROCESSES



Manutex

Manutex manufactures and markets braided and woven products, from the simplest to the most complex yarns. Specializing in narrow textiles, its know-how is based on cutting-edge industrial equipment and a team of enthusiasts who put themselves at the service of their customers.

application
areas

Clothing, decoration, packaging, medical, aeronautics

products

- Weaving and braiding products,
- Various ribbons,
- Elastic and rigid tapes,
- Cords, ropes, tubulars,
- Customized bands,
- Technical raw materials' use .

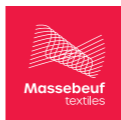
innovations

- Packaging
- Laser and cutting
- Sewing
- Coating
- Calendering
- Sintering



Mounir CHEHDI
m.chehdi@manutex.fr
www.manutex.fr

Booth E15-12.1



Massebeuf Textiles is a key player in engineering and in manufacturing technical and functional yarns. It has strong and evolving know-how and puts quality and innovation at its core.

application areas

Medical use and hygiene, protection, sports, clothing, hosiery, industry, transport, building.

products

- Silicotex[®], grip yarn for comfort and breathability.
- Conductive yarns for electrical conductivity, EMI shielding, antistatic.
- Protectio[®], composite yarn for optimal cut resistance and flex.
- Covered elastic yarns with elasticity control for medical and hosiery.

innovations

Massebeuf Textiles's innovative process is to bring protection and durability to various yarns (PA, PES, linen, carbon...). The company has a various range of yarns with reduced environmental impact (recycled and/or organic materials, optimized process).



Anne BOUCHET-LAMBERT
projet.innovation@massebeuf-ft.com

www.massebeuf-textiles.com

Booth E58B-12.1



PROCESSES

MKM COUTURE

Due to its two production sites in France and in Slovakia MKM Couture is able to answer to any average and high series production. From the creation of the specifications document to the delivery on demand, MKM Couture can adapt its organisation to every client's needs.

application
areas

Personal protective equipment (industry, military, police forces, firefighters, workers), outdoor sports equipment, fashion, luggage, sports, aeronautics and building.

products

- Harness for sports and workers (CE type).
- Made to measure ropes and webbings (CE type).
- Energy absorbers (CE type).
- Nets made to measure (filets) (CE type).
- Mattress made to measure (CE type).

innovations

Sport harness without buckle: MKM is the first company producing a certified harness without any buckle. The advantage for any attraction park is the speed needed to equip every client.

Made to measure rope and webbing, 10 days delivery. Thank's to a very short organisation, we are very flexible to answer for any rope and webbing production. No minimum of order, and no maximum as well!



contact@mkm-couture.com
www.mkm-couture.com

Booth D59D-12.1

PROCESSES



Montdor is specialised in the transformation on commission of flexible materials in rolls by giving them technical and/or aesthetic properties.

application areas

Automotive, sports and leisure, composites, upholstery, luggage, personal protective equipment, medical, wall-coverings, garments.

products

Montdor offers:

- embossing and deep-embossing up to 340 cm,
- molding up to 190 cm,
- bonding by calendaring up to 320 cm and hot-melt up to 180 cm,
- dot print anti-abrasion and anti-slip up to 170 cm,
- transfer printing up to 320 cm,
- pleating,
- crushing...

innovations

Montdor has developed and patented a dot print solution to considerably increase the abrasion resistance of many textiles such as warp and weft, knit (with or without elasticity)...

Applications: elbow and knee pads in workwear, military/police uniforms, sides of cycling pants but also bags, seats...



Étienne GUERET
 etienne.gueret@montdor.fr
 www.montdor.fr

Booth E78A-12.1



PROCESSES

OTEGO
beyond textile

Otego manufactures coated fabrics using polyurethane, silicone, PVC as well as aluminized fabrics.

The company offers solutions for heat and flame protection, release coatings and abrasion resistance. Otego exports its fabrics to 110 countries.

application
areas

Protech, indutech, mobiltech, packtech.

products

Coated and laminated fabrics:

- 5471: aramid coated with PU for laser machines bellows.
- 5422: PU coated fabric for aircraft and helicopter covers.
- 4585: alluminised fabric for PPE resisting to molten metal splashes and radiant heat.
- FLEXITOP: silicone coated fabric for dump trucks, compactor skirtings.

innovations

Fireshield is a four-layer complex unique on the market, for fire entry and proximity suits. This aramid material is laminated with aluminium and protects firefighters from deadly radiant heat but also against extreme heat. It is certified EN 1486, GA 634 and KFI.



Thierry MOSA
info@otegotextile.com
www.otegotextile.com

Booth E58A-12.1



PROCESSES

porcherindustries®

Porcher industries is a global leader in technical textiles and high performance thermoplastic composites. With the help of its 1 650 employees spread across three continents (Europe, China, United States and Brazil), Porcher industries designs and produces innovative materials with properties tailored to highly targeted uses.

application
areas

Aeronautics, defense, automotive, construction, industry, sports and leisure.

products

- Fabrics,
- Prepregs,
- Laminates,
- Laid scrim,
- Mats,
- coated yarns.

innovations

Recognised worldwide as the pioneer of its sector, Porcher industries assists its clients' R&D departments from the early stages in order to help them anticipate the technological developments of tomorrow in terms of lightness, performance and comfort.



Dominique SUR
dominique.sur@porcher-ind.com
www.porcher-ind.com

Booth D59A-12.1



YARNS



Proneem, a renowned global leader in finishing solutions, revolutionizes the textile industry through cutting-edge products. With its biobased solutions, Proneem contributes to a sustainable future.

application
areas

Home textiles, bedding, clothing, sportswear and outdoor wear, workwear, and medical equipment.

products

Proneem offers cutting-edge impregnation for superior textile performance, emphasizing safety and compliance. Our solutions encompass biocides, thermo-regulation, and moisture management across a broad spectrum.

innovations

LACTIC, a biobased antimicrobial, inhibits odor-causing bacteria growth. This innovative solution minimizes the need for frequent laundering, providing a sustainable approach to save energy and water.



Chloé SERIEYS
chloe@proneem.com
www.proneem.com

Booth D59E-12.1



PROCESSES



Recyc'Elit is a french innovative start-up that has developed a patented separative recycling technology enabling to give an endless life to end-of-life complex polyester-based textiles.

application
areas

Recyc'Elit can handle wastes (post-consumer, production scraps...) from all application areas as long as they contain mainly polyester. The aim is to create a closed loop textile-to-textile.

products

- Separated monomers of PET.
- Recycled virgin quality PET resin (purity, tenacity, elasticity, spinnability, weaveability...).
- Separated pure and non degraded co-materials, such as elastane, polyamide, cotton...

innovations

The possibility to recycle a large range of complex polyester-based textiles and valorize both polyester and co-materials thanks to their separation without degradation.

The small environmental impact of the process.



Raouf MEDIMAGH
r.medimagh@recyc-elit.com
www.recyc-elit.com

Booth E51B-12.0



YARNS


SamuelRoche
 technical webbings

French company, which produces technical webbings for lashing, lifting, harness, aeronautic and for different applications. Samuel Roche export over the world.

 application
 areas

Aeronautics, construction, industry.

products

Samuel Roche has around 70 looms, lot of dyeing machines as well as testing equipment (drop tower). We are able to different sorts of print on the webbings, cut and roll. The company produce shock absorber for fall protection. The majority of production is in polyester, dyneema, aramid.

The engineer team can develop new webbings All of the production is done in the center of France.

Another activity: endless slings for the construction.



Cyrille D'ONOFRIO
 c.donofrio@samuelroche.com
 www.samuelroche.com

Booth E58C-12.1



PROCESSES



A French company, Satab creates weaves and knits ribbons, braids, cords, webbing and other narrows, rigid or elastic textiles items. In 2021, Satab launches Eweave a brand of smart textile solutions.

application
areas

Technical clothing, industry, medical, personal protective equipment, smart textile.

products

Satab offers a complete collection of straps, ribbons, braids, mesh and offers its customers unlimited customization of its products. Under the Eweave brand, the ribbon is equipped with detection, on-board and lighting functions.

innovations

With Eweave smart textile solution, the ribbon:

- becomes a linear sensor to detect and geolocate leaks, cuts and shocks,
- works as an ON/OFF switch, an electrical conductor or a data transfer device,
- is used as a (ambient) light.



Kevin BERGER
kberger@satab.com
www.satab.com

Booth D59F-12.1



Sofila is a recognized expert in yarn development since 1894 : throwing, twisting, doubling, covering, texturization... Its know-how is constantly increasing by looking for innovation and new materials.

application areas

Technical fabrics, medical fabrics, protective clothes, lace, sportswear, furnishing fabrics, garments.

products

Sofila is manufacturing a broad variety of yarns (natural, synthetic, artificial) from 10 to 3 000 dTex: fancy yarns, conventional and air-jet covered yarns, FT textured or air textured (Taslan) yarns, plied, doubled, twisted yarns.

innovations

- **Greenfil®**: a 100% biobased yarn, with a reduced environmental impact and high mechanical properties.
- **Becool®**: a thermo-regulative yarn.
- **Renubil®**: the Sofila range of recycled polyamide and polyester yarns.



Thibault CHARRIER
contact@sofila.fr
www.sofila.fr

Booth A19A-9.1

PROCESSES



Spoolex: 70 years' expertise and three brands for your converting needs: Calemard slitting-rewinding-spooling machines ; Decoup+ ultrasonic cutting and welding equipment ; Roll Concept industrial rollers.

application areas

Medical, hygiene, non-woven, filtration, home furnishing, sun protection, clothing, automotive, energy, building, packaging, FIBC, geotextile.

products

- Versatile slitter-rewinders
- Tension sensitive spooling lines
- In-line winder/In-line slitter
- Slitting or splicing benches
- Ultrasonic cutting/welding equipment
- Low inertia idler rollers, winding cores, chill rolls

innovations

- New very compact ultrasonic equipment
 - New coreless winding technology
- Our in-house engineering department combined with our laboratory allow our company to set-up trials and process feasibility to constantly innovate.



Cyrille PONTET
spoolex@spoolex.com
www.spoolex.com

Booth D03 - 12.0

PROCESSES



Stevtiss has an experience of almost 40 years in the design, development and manufacture of technical textiles. Its integrated production tool (R&D, warping, weaving, impregnation, cutting and making) allows the company to respond to specific requests while being reactive. Know-how and innovation «Made in France» are the guarantee of its quality.

application areas

Iron and steel, aeronautics, nuclear, electrical, automotive, rail, maritime and composites industries.

products

Its raw materials are glass yarn, silica, carbon, aramid, synthetic yarn. The catalog is representative of all the developments carried out in collaboration with its customers: high temperature filtration, insulation, prepegs fabrics...

innovations

Its flagship product is a flagship service: taylormade.



Marc STEVENIN - Sophie JACQUEMOT
m.stevenin@stevtiss.com
s.jacquemot@stevtiss.com
www.stevtiss.fr

Booth D79C-12.1



PROCESSES

SULITEC
Insulating Composites

Specialized in high temperature insulation, Sulitec develop and manufacture a complete range of products based on technical fibers : non-woven and rigid composites using mineral resin and textile reinforcements.

application
areas

Industry, firefighter, petrochemicals, aeronautics, naval, railway, automotive, military, cinema, nuclear.

products

- Refratex®: complexes made from mineral fibre layers (glass, silica, etc.) rolls or custom made products
- Refrastrat®: rigid Insulation 100% mineral composite laminates up to 1600°C
- Sulimat®: non woven fabrics (glass, silica, basalt, etc.).

innovations

- Sulipack®: protective bag to carry, store or insulate your li-ion battery (different sizes).
- Duchess: ADEME France 2030 project concerning the recycling of carbon fiber composites with four partners (ENSAIT, IMT Albi, IFTH, ARC).



Jacques Luminet
jacques.luminet@sulitec.fr
www.sulitec.fr

Booth C60F-12.1



PROCESSES

techni
SANGLES
IN
ENGINEERING & DEVELOPMENT

For more than a 100 years, Techni Sangles (engineering and development) is a French weaving company dedicated to technical innovation using high tenacity materials such as aramid, para aramid, Dyneema, Hmpe, polyester and polyamid fibers for straps.

application
areas

Personal protective equipment, outdoor sports equipment, industry and military applications, fashion and luggage.

products

Technical webbing with strength and high tenacity materials such as, narrow wide webbing, elastic webbings.

innovations

A single strap could have two or three different widths, easing passing in buckles. Mainly used in security harness manufacturing.

- Height variable patented straps
- High abrasion resistance
- Recycled polyester webbings
- Fits the European and American standards



Dolorès RELAVE-PUIG
drelavepuig@technisangles.fr
www.technisangles.fr

Booth E79A - 12.1



Texti Sonics designs and manufactures its specific range of ultrasonic welding and sealing / slitting devices.

These equipments offer a great technical versatility for straight or curved operations, or multi layers in continuous assembling, in multi-spots sealing, joining end to end narrow or wide webs...

application
areas

FIBC industries (big-bags...), machines and looms manufacturers, packaging, technical textiles, geotextiles, non-woven, medical, awnings, plastics, flexible products...

products

For "synthetic thermo-fusible fabrics", the sealing/slitting technology improves the finishing of the fabrics:

- with very strong, soft and clean sealed edges (no fraying),
- with high productivity of the sealing and slitting operations,
- without any over-thickness,
- with the respect of original colours of the products to be converted,
- without any burn or not even yellowing.

innovations

Our worldwide patented "approach system" is called "Sonic Touch Control". This STC process guarantees optimal cutting results and enables a lowest wear of sonotrodes and tools.



Pietro ABATE
contact@textisonics.com
www.textisonics.com

Booth D02-12.0



MACHINES

Thimonnier

RADIO FREQUENCY WELDING PARTNER

Thimonnier, specialist in welding of flexible materials for over 70 years, has a recognised expertise in radio frequency. The French company fully designs and builds its presses and generators.

application
areas

Leather working, paramedical/medical, plastic paper mill, automotive industry, welded clothing, blister, taut structures.

products

RF Thimonnier presses and welding machines have a pressure capacity of up to 30 KdaN and are equipped with generators with a power between 400 W and 30 kW RF, in accordance with the current CE-CEM regulations.

innovations

Design and manufacture of an automated large-format gantry equipped with a vision system for identifying the weld forms to be produced.
Development of combinable generators 3 kW, to obtain the required power.



Romain CHRISTOPHE
romain.christophe@thimonnier.fr
www.thimonnier.fr

Booth A26A-12.0



PROCESSES



VirHealth is a French virology laboratory evaluating the antiviral performances of antimicrobial textiles, materials, and coatings according to international standards (ISO/ASTM). Lab owns the collection of 80 bacterial and viral strains.

application
areas

Medical, health industry, pharma, defense, sport, aerospace, automobile.

products

Testing according to standards ISO 18184, ISO 21702, ASTM E 2180-18 and bespoke protocols for porous surfaces and for hydrophobic textiles, durability of antimicrobial coating tests.

innovations

Performance of bespoke protocols for evaluation of the antiviral activity of paper, leather, and hydrophobic textiles by transfer of dry viral inoculum.



Yana MARIE
y.marie@virhealth.fr
www.virhealth.fr

Booth D59C-12.1



Techtera



91 bis chemin des Mouilles
69130 Écully
France

+33 (0)4 20 30 28 80
contact@techtera.org

www.techtera.org

