

Innovation Area at Milano Unica 30-31 January, 1 February 2024

For years now, the opinion has been established that technological innovation, spread in a synergistic way both along the supply chain and in collateral services, is fundamental for the development of the Textile Clothing sector. Responding to this growing need, **TexClubTec - the Technical and Innovative Textiles section of Sistema Moda Italia** - presents, in the **Innovation Area**, an articulated vision of both the various applications of innovative, functional and technical textiles and the potential of new technologies for the sector.

In the Innovation Area, located in Hall 8, companies representing the entire production chain of technical textiles, from raw materials to the finished product, and suppliers of cutting-edge technologies and processes, will showcase their latest innovations. This edition the Exhibition Forum will be focused on **"Technical textiles for sportswear and functional clothing"**

Profile of the Companies exhibiting in the Innovation Area:

BALAS TEXTILE

www.balas-textile.com - Hall 8, Stand n. IN16

Balas Textile is specialized in the creation, innovation, design and production of French technical fabrics for the fashion, sports and personal protection industries.

We offer technical and innovative textile fabrics. For every situation, we have the solution! Discover our range of technical textiles: recycled materials, biobased, technical performance...

- Personal Protective Technical Fabrics;
- Sport, Fashion and Luxury Goods Technical Fabrics;
- Swimwear Technical Fabrics;
- DownProof Technical Fabrics.

CENTROCOT

www.centrocot.it - Hall 8, Stand n. IN05

Centrocot is a certification and research center for companies throughout the textile, apparel and fashion production chain by providing specialized services such as laboratory testing, research, technical support, experimentation, training and certification.

Founded in Busto Arsizio (Varese, Italy) in 1987, Centrocot today employs over 100 people and is recognized as an excellence in the industry. With more than 500 ACCREDIA accredited tests and a highly qualified staff, it is one of the most authoritative references in Italy for sustainability, quality, chemical safety, innovation, certification and circular economy. Centrocot is also a Notified Body of the European Commission for the control of protective clothing and gloves for CE certification (notification 0624).

Centrocot is the only Italian body authorized to issue OEKO-TEX® certifications.

CITTADINI

www.cittadini.it – Hall 8, Stand n. IN08

Cittadini spa has been successfully operating for over 90 years in the textile niche of net and yarn manufacturing. In the current plant of Paderno Franciacorta, the production, vertically integrated with technologically advanced systems based on Industry 4.0, includes all knotted, knotless and spaced 3D nets, made with the latest generation of synthetic fibres for the industrial, fashion, automotive, furnishing and aquaculture sectors; industrial sewing threads and braids for clothing, leather goods and footwear; technical yarns for weaving and ribbon factories, furnishing fabrics and industrial uses; braids and ropes.

Coherent in the implementation of a "green philosophy" in its production processes, with a view to total sustainability and circular economy, Cittadini has strongly invested in Research and Development of process and product technologies with an increasingly reduced environmental impact, with self-production of electricity from renewable sources. In this context, it has obtained ISO 14.001 Environmental Certification.

Today Cittadini proudly presents its most innovative products made with recycled and GRS 4.0 (Global Recycle Standard) certified fibres, which maintain high performance technical characteristics. Among these, the Green Fashion Nets are of particular interest. They are woven with recycled yarn, which guarantee excellent performance. Proposed in different finishing, like all Fashion Nets, dyed in trendy or custom colours, or with special treatment, they are enjoying extraordinary success also in their recycled version among all the most famous international stylists, for sophisticated applications in clothes and accessories. Thanks to this policy of total quality, continuous innovation and social and environmental sustainability, Cittadini has conquered the main world markets in its sectors, where it exports over 65% of its turnover.

EXTREME

www.extreme-net.com - Hall 8, Stand n. IN07

Founded in 1994, Extreme Srl is a consolidated reality in the technical textile sector, which offers its own "REFLECTIVE SOLUTIONS®" range, as fabrics, thermoadhesive labels made from the REFLECTIVE materials.

For years, Extreme has developed other product lines, such as graphic transfers and injection molded and high frequency accessories. All the design phases, both graphic and technical, are developed by internal qualified staff.

As the latest novelty, Extreme offers rubberizing processes performed on ribbons and coulisses, the "GUMMY" effect of the company. Extreme's products or raw materials used meet the strict regulatory standards and are monitored with independent tests.

Extreme's ability in Research & Development, guarantees any type of customized solution, from the choice of materials to the finished product.

IMBOTEX

www.imbotex.it - Hall 8, Stand n. IN12

Founded in 1955 and based in Cittadella, Imbotex Srl is an Italian leading manufacturer of natural, recycled and technological textile PADDINGS. The company is organized into two divisions: paddings for Bedding and Furnishings and paddings/high performance insulations for Fashion, Sportswear and Workwear. These two sectors operate in synergy with each other, thanks to an ongoing exchange of manufacturing technologies and know-how.

The company maintains a strong grip on its roots, operating in an area characterized by a lengthy tradition of manufacturing excellence and entrepreneurial spirit, while remaining open to ongoing dialogue with other international businesses and markets, partners, customers and suppliers

The entirely female entrepreneurial dynamism has in recent years directed the company strategy to the production of entirely Made in Italy textile products, enhancing the potential of natural materials thanks to a continuous search for new technologies.

The company philosophy is today based on the concept of Upcycling, a process according to which the materials destined to be discarded are used to create new products of greater value, both from the point of view of thermal insulation and sustainability.

In 2019 was founded Imbotex Lab. The new branch combines advanced insulations functionality with Circular Economy and sustainability contents.

Imbotex Lab has patented a process based on innovative technologies, divided into three steps: the first step consists in the collection of discarded virgin material scraps and in the sorting for different colors, in the second step the materials are transformed through an entirely mechanical process into very fine fibers, finally the process ends with the mixing of other fibers such as recycled polyester (or PLA for a natural and sustainable alternative) and finally the creation of the padding.

INNOVA FABRICS

www.innovafabrics.com – Hall 8, Stand n. IN01

Innova Fabrics designs, produces and markets knitted fabrics with high technical, research and aesthetic characteristics mainly for underwear, swimwear, clothing and sportswear.

At Milano Unica, Innova Fabrics will present the spring/summer 25/26 collections. The collection is very transversal, Innova Fabrics specializes in raw and double cut synthetic and natural fabrics, creates a wide range of finishes and particular processes: from 3D printing to lurex printing, passing through embossed and laminated.

All fabrics can be interpreted and used for clothing, sports and underwear/swimwear. The hands are studied with extreme attention to give maximum comfort but also maximum performance.

IT.TECH

info@ittechsrl.it – Hall 8, Stand n. IN09

Production of technical fabrics for the fashion, sportswear, footwear, military and workwear markets. The production, intended both as weaving and knitted fabrics, makes use of synthetic fibers (polypropylene, polyamide, high tenacity polyamide, polyester, also in the stretch versions), natural (cotton, linen), artificial (viscose) as well as the more technical ones used for personal protective equipment (aramid, also mixed with Flame Retardant viscose, modacrylic-cotton).

The fabrics produced are also subjected to special finishing processes designed according to the final use of the product such as: laminations with polyurethane and PTFE membranes, polyurethane-based resin finishes, fireproof, hydro, oil and blood-repellent finishes, various types of bonding .

The production process is in accordance with the requirements of Standard 100 by Oeko-Tex®, Class II for items in direct contact with the skin and the company has a regular license to use the brand.

JRC REFLEX ITALIA

www.jrc-reflex.it – Hall 8, stand n. IN14

JRC Reflex manufactures RETRO REFLECTIVE elastic fabrics, RETRO REFLECTIVE non-elastic fabrics and trimmings.

The company has developed a wide range of high performance fabrics targeting fashion apparel and shoes, active sports apparel end-uses from first layer to outerwear.

From performance sportswear to lifestyle ranges, retro-reflective elements have become essential functional and design perks.

The trend for all-over retro reflection, in fashion, running and cycling apparel, remains strong and for these demanding markets, JRC Reflex continues to invest in the research and development of new items capable of providing both all-around safety and all-around comfort.

KREIZY SRL

www.kreizy.it – Hall 8, stand n. IN10

Kreizy is a company specialized in the production of third-party embroidery for high fashion and luxury designs.

Founded in 2017, the headquarters is located in Bologna at Centergross, with modern machinery related to the processes provided. Kreizy has a young and dynamic team of creatives, with an average age of 29. The adaptability and desire to create innovative ideas allows Kreizy to develop projects in line with customer requests. We work with passion, precision and punctuality, thanks to the various skills that permit us to follow all of the creative and execution phases of our projects.

Kreizy offers a complete and agile service, very fast sampling times and a wide range of techniques and processes.

NOVARESIN

www.novaresin.com – Hall 8, stand n. IN02

Novaresin S.p.A. is a textile finishing company able to treat any type of fabric. The major processes performed are COATING, HOT MELT Lamination and FOAM Lamination, production of FUNCTIONAL MEMBRANE.

We develop new proposals together with our customers and enable them to carry out standard production. Our skills ranging from fireproof finishes to high water resistance and breathable lamination. We also supply the layers that the customer requires in lamination such as knitted fabric and membranes.

We work with the most famous fashion brands all over the world and create new ideas and innovations every year.

OKTEX DEL PUNTO

www.oktex.es – Hall 8, Stand n. IN03

Oktex del Punto, S.L. is specialized in the research and development of new weft knitted fabrics mainly for swimwear, realized with Polyamide and Polyester fabrics with elastane. We are committed both to the quality of our fabrics and the protection of the environment. OEKOTEX and GRS certified.

A new printed fabrics collection is designed and developed every year to keep up with current trends. Using the most advanced inkjet printing machines in the market. We also produce a long range of solid colours available in several qualities.

Tailored and adapted products to meet the customer needs. Several weights, hand feels, stretch and applications such as linings and outside fabrics. All our fabrics are produced "in the house". From knitting and dyeing to printing processes. Our fabrics have UF50+ protection and follow the REACH requirements. We improve our processes and products everyday. Latest technologies to offer the best products while caring for the environment.

Fast and direct customer service. International export. European quality.

PENN ITALIA SRL / PENN TEXTILE SOLUTIONS GMBH

www.penn-ts.com - Hall 8, Stand n. IN15

Penn Italia and Penn Textile Solutions - two companies, a partnership which combines Italian creativity with the best of German engineering and innovative production capabilities. Our philosophy is to offer a fusion of Italian design and German engineering in our portfolio of primarily stretch fabrics, with options to create differentiated zones of power and stretch, body mapping, 3D structures and other innovative concepts, supported by personalised, flexible developments and a wide range of never-out-of-stock items in key colours for a fast and effective service. . Our global market includes underwear, sportswear, medical and other technical end uses. We have an extensive collection of innovative eco-friendly products and we are OekoTex certified.

RAMPONI

www.ramponispa.com – Hall 8, Stand n. IN06

Ramponi, with its thirty-five years of experience, is a leading Italian manufacturer of accessories and components for high fashion. The company's core business is synthetic stones and ABS studs, many of which are protected by invention patents, which are complemented by rhinestones, thermoadhesive and embossed accessories, zipper pullers, eyelets, embroidery, prints and chains.

In addition, Ramponi offers its customers prototyping, application, pronged stapling and lasering services. Equipped with a Code of Ethics, a strong Environmental Policy and a Research & Development Department, Ramponi interprets innovation through investments in research and sustainability.

RETELIT

www.retelit.it - Hall 8, Stand n. IN04

Retelit is the Italian leader in constructing tailor-made digital transformation projects, executed on entirely Group-managed platforms.

In our 20 years we have been the ideal partner for enterprises, the public sector and operators seeking to tackle head-on the challenges of innovation, thanks to a range which covers the entire value chain of ICT and digitalization services.

We help companies of textile, technical textile and apparel industries in the Digital Transformation process through cutting-edge technologies, solid process expertise, consulting skills and highest levels of personalization.

With our just MES solution, companies are able to improve their daily workflow through new product development, production planning and monitoring, and finished product quality control.

SISTEMI ASSYST SRL

www.assyst.it - Hall 8, Stand n. IN13

Style3D Assyst presents the most innovative 3D digital ecosystem for the fashion industry, end-to-end digital fashion solutions that support creativity and collaboration, enabling apparel and textile manufacturers, suppliers and retailers to create and produce successful fashion products and present them instantly on any sales or marketing platform.

Pioneering the transformation of the apparel industry to a fully digital, sustainable and profitable future, we present a comprehensive portfolio of digital solutions for product development and pre-production in fashion & textile. Fabric becomes digital, with extreme precision, true to life, thanks to the use of a set of tools integrated in Style3D Fabric, which automatically detect its textures, visual effects but also all its mechanical characteristics. In the Innovation area, we present "Fabric Kiosk," a part of the new generation Styleverse, which interactively presents physical fabric samples in digital mode on a touch screen and offers the possibility to see their rendering on a garment made in 3D.

Buyers can thus choose fabrics digitally, even before they see them physically, reducing waste, overproduction, supporting process sustainability.

Real-time changes can also be made to digital fabrics, on colors, repetition and size, visual effects, enhancing creativity.

With the full suite of Style3D I Assyst: Style3D Fabric, Studio, Cloud and the versatile Digital Content Service, brands and manufacturers can enhance fabric digitization, 3D design, collaborative work between process partners in a seamless flow, and cross-functional 3D asset management with unprecedented quality. The 3D-2D Connector solution, seals the two-way, seamless connection between the 3D and 2D worlds within an uninterrupted digital ecosystem for "production-ready" 3D models.

WINDTEX VAGOTEX SPA

www.vagotex.it – Hall 8, Stand n. IN18

Windtex Vagotex is an historical company in the lamination and coupling sector and production of waterproof membranes. During the nineties developed an elastic membrane: Windtex®, followed later by other equal innovative materials, among which, the best known is Storm Shield®.

Over time, it has developed new membranes with increasingly extreme performances such as Windtex Pro for outdoor sports, Windtex Color combining technical and aesthetic features and above all a new line of sustainable membranes: Windtex biobased and LS BIO from renewable sources, Windtex ECO and LS ECO produced without solvents and Windtex recycled from industrial waste, as well as compostable solutions developed by our R&D laboratory.

In addition to the products just mentioned, Windtex Vagotex has a wide range of coupled products certified by Global Recycled Standard.