

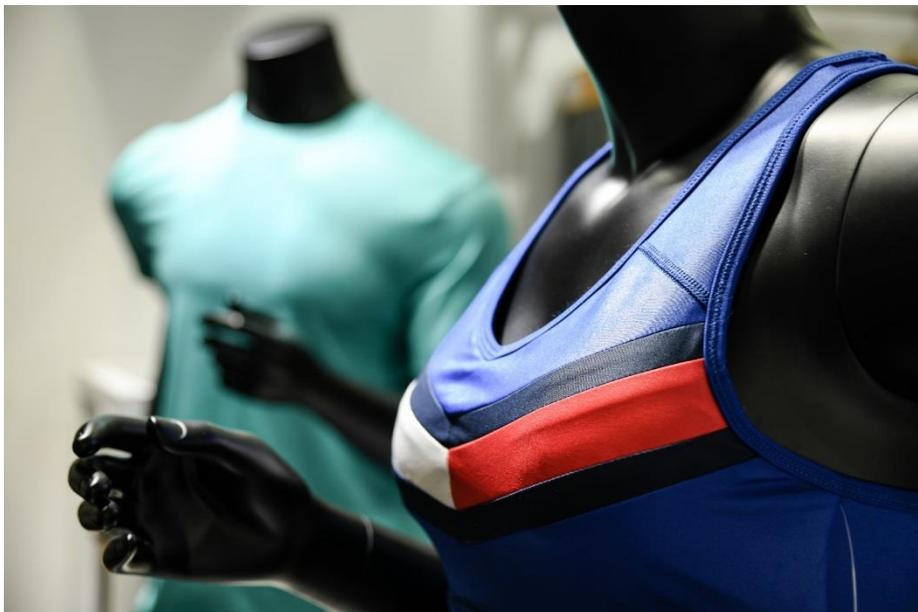
Press release

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Intertextile's Functional Lab options offer high performance with low impact

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Major activewear and outdoor brands, such as adidas, Columbia Sportswear, Nike, Patagonia and more, have all been releasing news with a significant theme: what's new in their environmental efforts. Meanwhile, social media has proved successful for smaller brands offering products such as recycled activewear and shoes. For consumers with a highly active outdoor lifestyle, it stands to reason that they seek products with maximum functionality and minimal environmental impact. From 25 – 27 September, stand-out fabrics suitable for sportswear, swimwear and lingerie can be sourced from Functional Lab, at the 25th Autumn Edition of Intertextile Shanghai Apparel Fabrics.



Functional Lab offers a spotlight for the textile industry's innovations

According to the EU Commission's Science Hub, over 80% of a product's environmental impact is determined during the design phase. As such, even the accessories on a garment should be responsibly produced. Solutions can be found at Functional Lab with suppliers such as Vetex, who create highly durable transfer tape coatings. Their eco-friendly production process is compliant with REACH and STANDARD 100 by OEKO-TEX®; Vetex are solar-powered, do not produce water waste, and convert any fumes into energy that heats up their factory, ensuring circularity in their process. Another Functional Lab exhibitor, Giftstart, offer reflective yarns and fabrics, and are committed to developing eco-

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friendly compositions.

Many Functional Lab exhibitors will feature their latest textile developments made from unique raw materials. This includes Yalta, who have developed a decomposable stretch fibre from polylactic acid, extracted from genetically altered corn. New Wide Group are the first to master the application of aerogel – typically used as insulation by NASA – to yarn, which creates a lightweight knitted fabric with thermal conductivity. They will also bring their Tempsense thermostat fibre, a functional regenerated cellulose coated in PCM, which regulates body temperature and deodorises.

Recycled fabrics on offer at Functional Lab

- Unifi will feature their REPREEVE® brand, which recycles plastic bottles into fabric that offers wicking, warming, cooling and water repellent functions. What's more, buyers supporting Unifi's REPREEVE® will help them to meet their goal of recycling 20 billion plastic bottles by 2020.
- Lee Ven will bring performance wear fabrics made with recycled fibre. They have also developed a new knitting method using a modified knitted jacquard machine, which avoids the issue of white stretch marks that accompanies digital printing.
- Klinger Asia will return with their PureCool™ fabric, made with recycled jade stones, which offers a cooling function, as well as odour control, quick-dry effects and UV protection.
- Shanghai Tiqiao Textile Yarn Dyeing will feature a wide variety of fabrics with functional properties, including recycled options, organic cotton and fabrics made with soybeans.

Hyosung and LYCRA pavilions return

- The Hyosung Pavilion will showcase functional fibres suitable for sportswear, athleisure, swimwear and intimate apparel. They will bring their creora® brand, a range of functional fabrics with functions such as excellent dyeability, heat resistance, degradation prevention and more.
- The LYCRA Company produces innovative apparel fibre and technology solutions, as well as specialty chemicals used in the spandex and polyurethane value chains. They own leading consumer and trade brands: LYCRA®, LYCRA® T400®, COOLMAX®, THERMOLITE®, SUPPLEX® and TACTEL®. The LYCRA Company will return to Functional Lab with its pavilion, focusing on comfort and lasting performance.

All of these inventive suppliers and more can be found at Functional Lab from 25 – 27 September, which has experienced rapid growth in recent editions and now serves as a key platform to find competitive products in the industry. Mr Zhen Wang, Product Engineering Manager of Textile Dyeing (Suzhou), who sourced from Functional Lab at last year's Autumn Edition, said, "We are looking for high-quality raw material suppliers, and the quality of the exhibitors this edition is very good. Our customers are brands such as Nike, adidas, New Balance, Columbia Sportswear,

Decathlon, Li-Ning and Anta, so this is an important platform for us to find quality products which can meet the needs of our clients.”

The fair will be held concurrently with Yarn Expo Autumn, CHIC and PH Value at the National Exhibition and Convention Center (Shanghai).

Intertextile Shanghai Apparel Fabrics – Autumn Edition 2019 is co-organised by Messe Frankfurt (HK) Ltd; the Sub-Council of Textile Industry, CCPIT; and the China Textile Information Centre. For more details on this fair, please visit: www.intertextileapparel.com. Information from the international textiles sector and Messe Frankfurt’s textile fairs worldwide can be found at: www.texpertise-network.com.

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Notes to editors:

Download press materials

<https://intertextile-shanghai-apparel-fabrics-autumn.hk.messefrankfurt.com/shanghai/en/press/press-releases/2019/ITSA19-PR3.html#download>

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Newsroom

Information from the international textiles sector and Messe Frankfurt’s textiles fairs worldwide can be found at: www.texpertise-network.com.

Background information on Messe Frankfurt

Messe Frankfurt is the world’s largest trade fair, congress and event organiser with its own exhibition grounds. With more than 2,500* employees at 30 locations, the company generates annual sales of around €715* million. Thanks to its far-reaching ties with the relevant sectors and to its international sales network, the Group looks after the business interests of its customers effectively. A comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. With its headquarters in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

For more information, please visit our website at: www.messefrankfurt.com

*preliminary figures 2018