




Functional Lab exhibitors preview

(In alphabetical order, information as of 14th of July, 2017)

Company	Product Description
	<p>Aquafil SpA (Italy)</p> <p>This exhibitor will showcase its Dryarn® fibre at the fair; what they claim is the lightest fibre in the natural world. According to the company, a garment made of Dryarn® will weigh 32% less than an equivalent garment made of wool, and 34% less than one of polyester. Moreover, it offers high levels of thermal comfort and breathability which makes it ideal for a wide range of uses including fashion, and sports and outdoor wear.</p> <p>www.aquafil.com</p>
	<p>Achievetex Co Ltd (Taiwan)</p> <p>They will feature their GREENLON® RECYCLE + DOPE nylon woven textiles made from dope-dyed yarn. Their eco-friendly production process reduce water wastage by 65%, CO2 emissions by 70% and chemical usage by 85%.</p> <p>http://www.achahead.com.tw</p>
	<p>Evermore Chemical Industry (Taiwan)</p> <p>Their KIRINTEX® polyurethane film has enhanced elasticity and ventilation, while also having zero ozone depletion potential and lower greenhouse effect potential. In ASTM testing, the foam has recovery exceeding 90%, higher than high-stretch knitted fabric and woven cloth, and air permeability far exceeding that of TPE foam and neoprene.</p> <p>http://www.twemc.com</p>



Far Eastern New Century (Taiwan)

This polyester manufacturer will present its new TopDry® Zero Yarn at the fair, a PFC-free polyester with superior durable water repellency (DWR).

<http://www.fenc.com>



Superwill (Taiwan)

Combining specialty yarns and a special knitting process, this supplier has developed a 'gradient' fabric with a thickness that decreases from top to bottom. This design allows the fabric to be tailored to different garments, for example a shirt could be thicker at the top for added UV protection, and thinner at the bottom for increased breathability; while a pair of leggings could be thicker at the top for enhanced body shaping and thinner at the bottom for ease-of-movement.



The Chemours Chemical (Shanghai) Co Ltd (China)

They will showcase their Teflon EcoElite™ durable water repellent (DWR) at the fair which is a highly sustainable, renewably sourced, non-fluorinated treatment for fabrics. It contains 63% renewably sourced content, is up to three times more durable than existing non-fluorinated repellents, and has high water repellency for at least 30 washes.

www.chemours.com



Unifi Textiles (Suzhou) Co., Ltd. (China)

As well as showcasing their Repreve® brand of fibres made from 100% recycled materials, including post-consumer water bottles and pre-consumer waste, the company will also release an updated version of its Sorbtek® moisture-wicking and thermal-regulation fibre at the fair.

<http://www.unifi.com>



Vetex (Belgium)

Specialists in coatings and laminations for various textiles, Vetex won an award at the recent Techtextil fair in Frankfurt for their ecologically-friendly solution to replace dimethyl formamide (DMF) as a solvent in PU coatings. At Intertextile Shanghai, they will present their seam seal tapes which are fixed to shoes, garments and outdoor products through a unique hot air process (seam sealing), an innovative technology that ensures they retain their specific properties during the manufacturing process. They will also showcase their laminates for the medical industry at the fair.

www.vetex.eu