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Distinguished collaboration

PFC-free warp-knitted laminates from Trans-Textil and Penn Textile Solutions provide protection with additional design highlights

ODLO wins ISPO Award for innovative ski touring apparel

The independent jury of the ISPO Award recently chose to honour the X-Alp Performance ski touring apparel from ODLO with the prestigious industry award. The distinguished ensemble comprising X-Alp Performance Knit 3L jacket and X-Alp Performance Knit 3L pants was created based on PFC-free warp-knitted laminates from Trans-Textil. The intentionally designed open 3D structures are a direct outcome of the knitting process and offer a glimpse of the individually coloured Topaz membrane system. This watertight and breathable barrier thus ensures reliable protection and comfort, while also serving as a design element.

For the sixth year in a row, a design innovation from ODLO has been honoured with the ISPO Award at the world's largest sports trade show. As part of a new generation of high-performance ski touring apparel launching in September 2023, the X-Alp Performance Knit 3L jacket and pants combine the comfort and range of motion of softshells with the three-layer protection of hardshells for a wide variety of winter sports.

The 3D warp-knitted laminates from Trans-Textil present an ideal basis for satisfying these high demands. As multilayer composites, they gain their 4-way stretch factor through the special Point-in-Point® lamination technology, providing maximum freedom of movement. The targeted design of functional zones based on the Dreamshape®-Technology from Penn Textile Solutions makes it possible to cater to the specific

Press release



requirements of different body regions. For example, mesh zones with a defined hole size for made-to-measure breathability or abrasion-resistant 3D structures can be placed exactly where they are required. This means the clothing is durable and extremely climate-friendly.

Thanks to the flexible membrane production by Trans-Textil, any colour variants can be produced according to customer requirements within a very short space of time and without any restrictions in performance. In combination with other environmentally friendly technology modules such as the PFC-free, water-repellent surface finish Topaz Clean4Green®, Trans-Textil realizes functional textile products for insulation jackets, both hardshells and softshells, which meet the highest demands on performance, design and environmental performance. All materials, including the Topaz membrane systems, are free of PFC, certified according to Standard 100 by Oeko-Tex® and processed in Germany under the strictest environmental requirements in accordance with REACH. The complete production chain "Made in Germany" offers high flexibility and short distances, which keeps CO2 pollution from transport routes to a minimum.

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About ODLO

ODLO engineers long lasting and largely sustainable technical apparel for active, passionate people. Simple as that. All seasons. Every environment. Our clothing is designed in Switzerland from the inside out, iterating on an industry-defining approach to layering we created 75 years ago, and applying that same standard of precision to everything we make. Outside or in. Fast or slow. From base layers and beyond. We're extremely proud to fuel the active lives of people in nearly 40 countries around the world. And to them we say, keep going.

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About Penn Textile Solutions

Penn Textile Solutions (PTS) is an internationally-minded company with the expertise to develop and produce innovative textiles for our wide variety of customers. Penn Italia (PI) was founded in 1987 and is a partner company to Penn Textile Solutions GmbH (PTS).

Penn Italia oversees the creativity, development and marketing aspects of the group, under the ethos of "Created in Italy and Engineered in Germany". Penn Italia own product offer is driven by offering maximum flexibility to our customers, tailored to market and customer needs.

With the benefit of more than 60 years' experience in elastomeric knitted textiles, Penn Textile Solutions GmbH (PTS) manufactures on a 15000 m² factory site based in Paderborn. The production consists of warp and weft knitting machines, with fully vertical dyeing and finishing, giving the fabric their final performance and aesthetics.

Our customers are global, our products are local.

About Trans-Textil

Trans-Textil GmbH from Freilassing in the region of Berchtesgaden counts among the most technologically advanced companies in the development and manufacture of sustainable functional textiles by means of lamination, PFC-free membrane technologies, water-based coating, PFC-free finishing and printing processes. The company's commitment to sustainability, which goes far beyond the legal requirements, is evidenced by the certification of its "Made in Germany" products in line with the STANDARD 100 by OEKO-TEX® criteria, as well as certification pursuant to EN ISO 9001, EN ISO 14001 and the OHRIS standard in the field of occupational and plant safety. The company's functional textiles are used in personal protective equipment, footwear components, medical and technical applications, and advanced solutions in the fields of outdoor, sport and leisure wear.