



Press release
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Award-winning X-Technology innovations

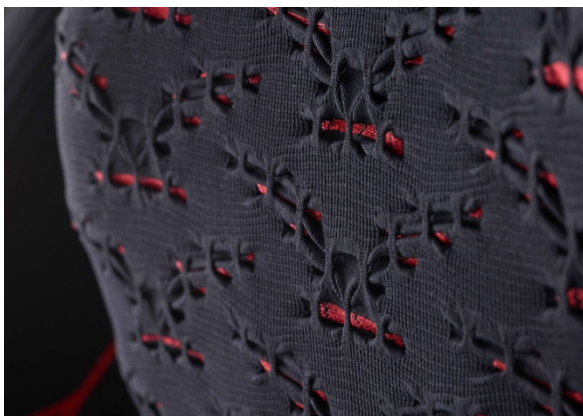
ISPO Award Gold Winner and Plus X Award: The innovative textile technology by the Swiss ideas factory for highly functional clothing is awarded two prizes at the ISPO.



With ThermoSyphon, Tentacle, and PolarFur, X-Technology offers a unique insight into three new textile innovations – which are sure to revolutionise the word of functional clothing – at the ISPO Munich 2018. Even before the technologies are used in the products of the Swiss manufacturer, ThermoSyphon has already managed to convince two international expert juries. The technology was recognised as the ISPO Award Gold Winner and is additionally awarded the coveted Plus X Award. With these distinctions, X-Technology manages to cement its status as the international market leader in highly functional sportswear, with its X-BIONIC brand.

The Gold Winner was chosen on Sunday 28 January at 11:00 a.m. during the ISPO Munich. The Plus X Awards for Innovation, High Quality, Design, and Functionality is officially awarded to X-Technology during the ISPO as well – on Monday 29 January at 2:30 p.m., at Hall B3-406.

Humidity management 4.0



Building on the 3D BIONIC Sphere System, which has enjoyed great success for many years, **ThermoSyphon** redefines our promise to “cool you down, when you are sweating and warm you up when you are freezing”. Following X-BIONIC’s mission to “turn sweat into energy”, ThermoSyphon improves athletes’ performance using the power of thermodynamics and gravity. The technology consists of a highly complex network of tunnels and ducts, integrated into the textile, which serve a unique double function. During active phases, they guarantee even more efficient humidity management, dosing sweat intelligently and leading it to the correct areas for cooling. In rest, the innovative textile offers reliable insulation.



The cooling film of sweat on the skin supports the body's thermoregulation. Excess sweat is absorbed by the Sweat Traps and transported outwards to evaporate. The sweat changes in aggregate state from liquid to gaseous in the channels of the patented 3D construct. The surplus humid-warm air is conducted upwards by the vapour pressure. The unique structure of the ThermoSyphon channels additionally facilitates this process.

About X-BIONIC®

X-Technology, the ideas factory for highly functional clothing, has been combining Swiss precision and traditional Italian craftsmanship since 1998, creating products for the X-BIONIC®, X-SOCKS®, and Apani® brands. In just a few years, X-BIONIC® and X-SOCKS® revolutionised the world of functional clothing. As the brand name X-BIONIC® already shows, the X-Technology® developers use their knowledge of bionics inspired by nature to develop functional clothing that improves the physical performance and well-being of athletes. Innovative technologies are used to realise this ambition. The more than 820 international patent registrations strive to release, for example, the body's own energy reserves through thermoregulation. More than 560 international prizes and tests won for innovation, product quality, functionality, and material quality substantiate this approach.

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