



Press release

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Sympatex® Technologies presents new laminates

Perfect combination of performance and environmental protection

Sympatex Technologies continues to be the pioneer in terms of environmental protection, and is fully committed to sustainability when it comes to materials and fabrication. The specialist for functional systems from Munich is known for uncompromising performance with its membranes and laminates. Combined with the revolutionary DWR* coating, BIONIC FINISH ECO, Sympatex laminates now offers the perfect basis for fluorocarbon-free – and thus environmentally-friendly – functional clothing.

With its new laminates Sympatex is fully committed to sustainability and environmental protection as well as the highest performance – and this comes with internationally-acknowledged attestation. After its Oeko-Tex-Standard-100 certification, Munich's specialist for functional systems will also become a bluesign system partner, and thus meet the highest standards requirements for environmental protection, health and security in its production facilities.

Highlights in environmental protection

With the ECO line, Sympatex is bringing the first 100-percent recycled laminates onto the market. Pure polyester (PES) is being used for light and stretchable materials – the result is resistant, comfortable-to-wear and simultaneously environmentally-friendly cloth. The development of BIONIC FINISH ECO in partnership with Rudolf Chemie represents a special innovation. The combination of ecologically impeccable laminates with the revolutionary fluorocarbon- (FC-) free DWR coating now offers the best-possible environmental compatibility for the fabrication, use and disposal of functional textiles.

Natural materials

Wool is used in a multi-faceted way, for example in outer fabrics in two-layer laminates and Windmaster in sweaters. With its natural moisture control properties – wool can absorb up to a third of its own weight in moisture – this natural raw material offers a comfortably dry wearing comfort. Bamboo and silver thread are used in backing. Above all bamboo offers an extremely high skin tolerance; the sensation is comparable to that

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of fine silk. All three materials also combat bacteria, and thus reduce odor – an advantage which makes itself felt precisely when it comes to sport and leisure wear.

Laminate technologies

The highH₂O line from Sympatex in particular is being further expanded. The laminate impresses through its extremely efficient removal of sweat and protects the body against loss of heat. In comparison to normal laminates, Sympatex highH₂O increases breathability by up to 120 percent. The laminate is composed of the hydrophilic Sympatex membrane and an extremely absorbent layer. This absorbs sweat droplets within seconds, and scatters them across a wide area. The result: quicker and more efficient moisture removal – even before moisture can condense on the skin. The body thus remains dry even during intensive exertion on the job or during athletic activity.

Softshells

Through the use of natural materials, softshells from Sympatex set new standards in terms of wearing comfort. Natural materials, which guarantee a very special wearing sensation, are employed here. As a special highlight, Sympatex offers a 3-layer Windmaster laminate backing which can be printed according to the customer's requirements, for all areas of activity.

*DWR (Durable Water Repellent) treatment of clothing is a coating applied during fabrication which makes the outer layer both water and dirt repellent.

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