

TOKYO F2F SPRING AS

Selected for *The Trend Forum Fabrics*

at the *Performance Days Munich, March 2024*

„Each season, the TREND FORUM is carefully selected by a jury of experts from universities apparel brands, purchasing teams and fabric technologists from across the industry.



FOCUS TOPIC:

„Beyond bottles - the future of Polyester“

By 2027, the European Commission is expected to introduce minimum quotas for the use of recycled plastic components in new products. These quotas would be mandatory for the plastics processing industry and are likely to be between 15 and 30 percent. The introduction of such quotas will lead to the plastics processing industry having to adapt its production in order to use more recycled plastics.

As a result, the demand for high-quality recycled plastic will increase significantly. Since high-quality plastic is currently in very short supply, the increase in demand could lead to a significant rise in prices. As a result, fabric manufacturers need to come up with alternatives to polyester derived from plastic bottles up until now.

The focus topic opens up a wide range of opportunities when one considers the various types of polyester that exist: PHA, PHB, PTT, PBT; even polycarbonate. (...)

For this year's Trend Forum, the jury of experts has defined six groups that could represent alternatives to conventional bottle recycling in the future. Among them, new developments in the field of membranes, fibers from mechanical recycling and chemical recycling, bio-based materials, materials from bio-plastics, textiles with carbon capture and other methods.“

← Find the whole article here.

TOKYO F2F SPRING AS - Product Information

Product Category: 3-ply top fabric laminate
 1st layer: woven fabric
 2nd layer: membrane:
 hydrophilic – compact
 3rd layer: knitted fabric

Composition: 100% rec. PES
 1st layer: 100% PES rec. F2F
 2nd layer: membrane: 100% PES
 3rd layer: 100% PES rec.

Finish: 1st layer: fluorine-free
 water-repellent finish

WEIGHT (EN 12127): 149 [g/m²] +/- 5%

WIDTH (EN 1773): 145 [cm] -1/+5

Carbon Footprint: 17.9 kg Co2e/kg

HIGG MSI score: 17.8

Water column: 20.000mm

Breathability: 8 R_{et}

Performance Codes:



Woven Fabrics



Waterproof & Breathable



Circular product



Recycled



Textile Waste

Description:

Our Sympatex laminate „Tokyo F2F Spring AS“ is composed of a 100% Fiber2Fiber first layer fabric. This innovative F2F yarn is made from chemically recycled pre- and post-consumer waste using old garments and cutting waste. The development of this laminate amongst others is an initiative aiming to close the textile loop. It is suitable for functional garments in the outdoor and sportswear industry.

Certificates:



Sustainability Properties:

