



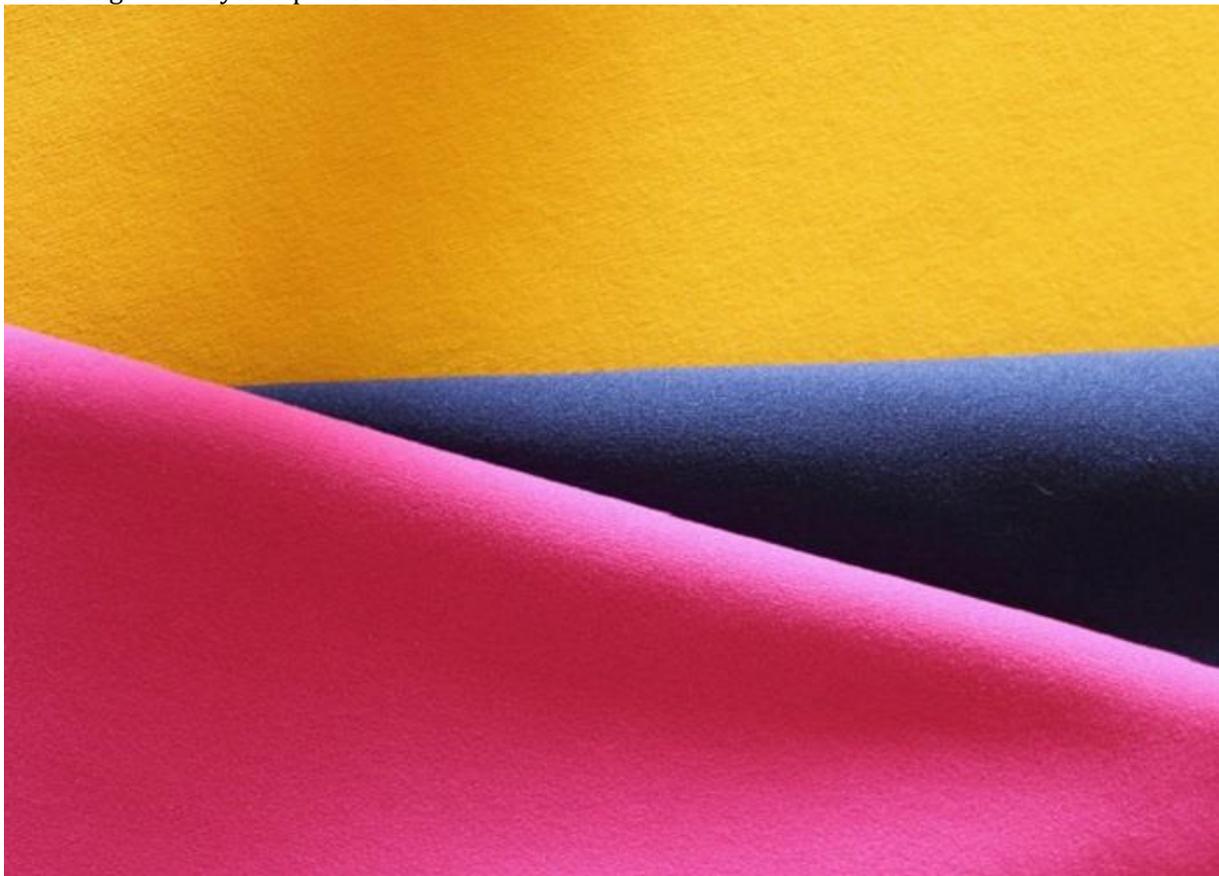
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## Brugnoli combines support and freedom at Performance Days

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Brugnoli, an established Italian producer of stretch knit jersey for swimwear, lingerie, fashion, sports and athleisure, is exhibiting its *Explosive Technology* at this week's Performance Days trade fair for functional fabrics, which is taking place in Munich.

"Explosive Technology by Brugnoli is the unique way of knitting specially dedicated to the most functional fabrics that guarantees a real second skin effect. These fabrics offer a perfect balance between lightness and covering. They are certificated by the innovative technology of Lycra brand for activewear, *Lycra Sport PCE*, for a right combination between compression and comfort," the company explains. "Fabrics knitted with Explosive Technology reached top results on the market according to the Lycra Sport PCE certification."



The innovative platform combines the proven stretch technology of Lycra fibre with the new proprietary *Power, Comfort and Energy* indexes (PCE) positioning them on a 1 to 10 scale in order to define properly the fabric performance:

- *Power index (Pi)* – measures the performance (degree of compression power) delivered by the fabric on a garment
- *Comfort index (Ci)* – measures the fabric's ability to move with you without feeling it, or the *second-skin* effect
- *Energy index (Ei)* – rates the energy lost just moving the garment

### Support and freedom

Explosive Technology by Brugnoli scored 9/10, the maximum results in power compression, combined with the maximum level of comfort (9/10) minimising the athletic effort to make the movement, in both fabric directions: a result, present in all fabrics knitted with Explosive Technology. "Fabrics that caress your body and perfectly sustain it with an outstanding freedom of movement without any constriction," the company adds.



"These stunning outcomes are additional to the excellent basic features of the fabrics of Explosive range, such as perfect covering to avoid unpleasant transparencies during fabric elongation, flawless fit without bagging, UV 50+ protection, pilling resistance and no-abrasion, clean-cut and non-curling."

### Sustainable solutions

Explosive Technology by Brugnoli is employed not only in plain fabrics, but also in fancy extra-flat jacquard creations, in denim effects and in eco-sustainable solutions, such as *Br4* and *B.recycled*. *Br4* stretch fabrics are knitted with bio-based polyamide and an eco-sustainable patented production process. *Br4* range uses the bio-based polyamide *Evo* by Fulgar sourced from a plant with an impact on climate change of 25% less than standard polyamide. It also shows the heavy commitment of Brugnoli by reducing the impacts on the environment with a proprietary production process, which reduces water and energy consumption by 20% and help limiting CO2 emissions, according to the manufacturer. *Br4* range counts more than 30 articles, also combined with cotton or wool.



B.recycled makes use of the premium recycled polyamide *Q-Nova* by Fulgar. Thanks to the recycling process of the fibre, 1000mt of art B.recycled/200 corresponds to the positive impact on the environment, compared to the use of a standard polyamide.

At Performance Days, Brugnoli will also showcase *NyWool*, a collection dedicated to technical wool, and *FLEXBarrier*, fabrics with high performing membrane bonded with fashionable and ultralight fabrics.