

# PANGAIA LAUNCHES ITS NEW GENERATION ACTIVEWEAR 3.0 MADE FROM BIO-BASED MATERIALS AND CHOOSES EVO® YARN, PRODUCED AND DISTRIBUTED BY FULGAR

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For the launch of its new Activewear 3.0 collection, Materials Science Brand **PANGAIA** has chosen **EVO®** bio-based yarn by **Fulgar**, the leading global group in the manufacture of man-made fibres.

This decision provides yet further confirmation of the green, innovative direction the brand is taking, reflecting its mission – to find innovative materials that promote biodiversity, eliminating petro-chemical products and supporting a positive future for the climate.

*“The activewear sector generally uses materials with entirely petro-chemical origins, reflecting a need for significant benefits in moisture absorption and performance. However, the introduction of a greater number of bio-based materials means we’ve been able to replace fossil fuels with renewable resources. This is the choice we’ve made for Pangaia’s Activewear 3.0 collection. Our partnership with Fulgar and the use of EVO® yarn has enabled us to create a new generation of sustainable, high-performance activewear”,* says Amanda Parkes, Chief innovation officer of The Pangaia.

**EVO® by Fulgar** yarn is obtained from castor oil, a renewable and sustainable resource. The castor oil plant, in fact, grows spontaneously in arid regions, does not require large amounts of water areas and does not take up land that where food crops can be grown. The biomass from which EVO® by Fulgar is formed by castor oil seed and the monomers used in the polymerisation process are partially or totally derived from castor oil.

In all cases the yarn offers the characteristics of the finest quality nylon and is suitable for all textile applications, from sportswear to hosiery, as it is high-performance, very light, stretch and breathable. It dries quickly, is non-iron and boasts natural thermal and bacteriostatic properties.

This extensive series of distinctive values and benefits provide maximum comfort and unique performance while respecting the natural world. As a result they are perfectly in line with PANGAIA's philosophy of “high-tech naturalism” and are the perfect solution for the creation of the new Activewear 3.0 capsule. Made of 99.99% EVO® nylon and 30% creora® elastan, both of vegetable origin, the capsule is the brand's most bio-based proposal so far.

The evolution of PANGAIA activewear is an experience in revolutionary wearability, with seamless garments offering extensive benefits in terms of comfort and stretch, in movement, too. With second skin properties, the garments create a sensation of light compression and enable wearers to keep cool and fresh for longer thanks to the patented PPRMINT™ treatment with natural peppermint oil.

*“We’re very happy to be working once again side-by-side with PANGAIA in its progress towards increasingly green collections, made possible by the properties of our ecological yarns. It’s a significant recognition of our long-standing commitment to eco-sustainable research and development towards an ethical, circular and increasingly sustainable activewear supply chain”,* says Alan Garosi, Head of Marketing at Fulgar.

Pangaia’s Activewear 3.0 collection with EVO® by Fulgar – available online at [www.pangaia.com](http://www.pangaia.com) – comprises four key models in three colour versions: bra (€55), crop-top (€80 euro), shorts (€65 euro) and leggings (€100 euro) in black, leaf green and cerulean blue.

## ABOUT FULGAR

Fulgar is the international leader in the synthetic fibre sector, producing and distributing nylon 6.6 and covered elastomers in the textile and technical fabric sectors. Launched in the late 1970s at Castel Goffredo (Mantova), in Italy’s hosiery region, Fulgar has carved out a position as sector leader on the international scene, confirming its international approach with new production centres and installations. Over the past ten years the company’s investment in R&D has seen constant growth. A commitment to environmental issues has also contributed to its success, expressed through projects and initiatives involving the entire production chain and sustainable products like Q-Nova® regenerated yarn, bio-based Evo® yarn and Q-CYCLE®, the result of the interaction between BASF’s ChemCycling project and

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Fulgar's textile expertise. Fulgar is present in all sectors of the textile industry, from hosiery to circular knits, intimate wear, beachwear and sportswear, offering excellent products that stand out for their quality and uniqueness, while always respecting Made in Italy textile tradition. Their versatility is the result of design, development and manufacturing processes, which also provide a response to client demand in the context of use and comfort. Fulgar is the exclusive distributor in Europe and Turkey of the Lycra® Fibre, Lycra T400® and Elasthan® Fibre brands. In 2012 Fulgar also forged a partnership with the Solvay group, becoming distributor and producer of Emana® fibre and Amni Soul Eco® mainly for Europe, North Africa and the Middle East. [www.fulgar.com](http://www.fulgar.com)

## **ABOUT PANGAIA**

PANGAIA is a materials science company on a mission to save our environment. We are a global collective of one heart and many hands — scientists, technologists, designers — creating essential products from innovative tech and bio-engineered materials.

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