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MILK COT

THE VIRTUES OF MILK FIBRE COMBINE WITH ORGANIC COTTON

For the 22/23 autumn/winter collection, Cotonificio Olcese Ferrari Spa proposes a yarn that combines the benefits of organic cotton with the exceptional properties of milk fibre, made using a technique that combines consolidated Italian know-how in yarns with innovation and technology.

The sustainability of GOTS certified organic cotton and the innovation of milk fibre: these are the strengths of **MILK COT**, among the new yarns in the 2022/23 autumn – winter collection from Cotonificio Olcese Ferrari Spa.

The result of studies by the company's Research & Development division, it is a product of excellence that combines the best features of organic cotton – soft because its fibres are longer, hypoallergenic and more absorbent than those of natural cotton, with good breathability and long-term durability, aided by non-absorption of chemicals during cultivation – with the benefits of milk fibre.

The result of this pairing is a *one-of-a-kind product* that is pleasant in contact with the skin, has a soft and silky hand, is intrinsically light and bright, and gives the sensation that it nourishes and hydrates the skin.

MILK COT has sustainability in its DNA thanks to the presence of organic cotton, which is cultivated without the use of pesticides and chemical fertilisers, using antagonist insects and biological fertilisers in their place. The addition of milk fibre gives it its distinctive properties: hypoallergenic, breathable and temperature-regulating, with a high antibacterial/bacteriostatic power (83.3%), as confirmed by a study conducted by the “Silk Experimental Station”.

The wet spinning technology used to make it gives it its antibacterial properties: the zinc micro-ions present in the only solvent used release zinc oxide, which not only keeps the bacteria in check, but also gives the yarn its durability.

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It all starts with the casein: a combination of craftsmanship and innovation

The distinguishing features of milk fibre come from its production methods, in which the best Italian spinning know-how is combined with the modern bio-engineering techniques applied to textiles. In fact, a controlled process is used to separate milk casein from whey, after which it is denatured and a range of amino acids are extracted to be added to an extrudable viscose solution. This is then extruded to create the milk fibre. This product has very uneven fibres with good moisture absorption, so it is good for making underwear, t-shirts and women's clothing.

Cotonificio Olcese Ferrari has produced a range of *both pure and mixed* yarns based on this fine raw material – MILK COT (50% organic cotton and 50% milk fibre), MILK TENCEL® Micro (60% Microtencel Lyocell and 40% milk fibre) – which feature very high quality, great comfort in contact with the skin, ease of wearability and significant performance.

“MILK COT”, explains Matteo Felli, CEO of Cotonificio Olcese Ferrari Spa, “is the perfect expression of sustainability, technology and well-being: a modern yarn, not just because of the uses to which it lends itself, but also because of the way it merges different spirits, assuring the utmost well-being to those who choose it for clothing in close contact with the skin. Combining two fine yarns, organic cotton and milk fibre, means that MILK COT is able to meet the needs of contemporary people looking for comfort, well-being and performance. And all without neglecting environmental impact”.