

WHEN WOOL IS MORE POWERFUL.



NATURALMATCH
wool technology

KRITTING INNOVATION

MITI NEW RANGE OF FABRICS ABLE TO MATCH THE MERINO WOOL KEY POINTS WITH THE SYNTHETIC FIBERS ONES.

Miti R&D team struggles around a new idea of performance fabrics for the past three years. Studying and sourcing the best possible options of wool yarn to be combined with the high performing nylon-

polyester for a 3.0 stretch warp and circular fabrics proposal. The challenge was proposing a high performance and technical fabric MATCHING the benefits of natural yarns with the synthetic ones.

Our MATCH combines the benefits of high performance, stretch and modulus with good abrasion of nylon fibers with the soft touch, breathability and top wicking of 100% extra-fine merino virgin wool.

WOOL MATE

Soft touch dyed nylon blend fabric for mid and out layers

WOOL PRINT

Printable polyester blend first layer fabric

SUPER WOOL

Innovative warp thermal fabric with brush back nylon blend.

WOOL BENEFITS

- ▶ **Breathability**, wool fibers can absorb large quantities of moisture vapour and then transfer it through evaporation into the air, keeping the skin fresher and drier for a longer time.
- ▶ **Temperature Regulation**, wool provides a personal 'air-conditioning' system to maintain temperature regulation through its natural crimp, which creates a lot of very small insulating air pockets.
- ▶ **Softness and Fineness**, Merino wool achieves incredibly high standards of fineness and softness, making it one of the most comfortable and high-performance fibers, including next-to-skin garments.
- ▶ **Abrasion resistance**, matching with synthetic and man made fabric, wool has now very good abrasion resistance on air side.

NYLON BENEFITS

- ▶ **Durability**, nylon is strong and lightweight, one of the strongest fabrics with greater stretchability.
- ▶ **Feel**, created as a substitute for silk, nylon is soft, with a lustrous feel.
- ▶ **Abrasion resistance**, nylon is the most strong and abrasion resistant fiber.
- ▶ **Wicking ability**, the fiber is hydrophobic, which mean it expels water, ideally to the surface of the garment where it will evaporate.

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