

FIBRES

NATURAL FIBRES / HYDROPHILIC:



Merino sheep's wool, because of its greater length (65- 100 mm) and thinner diameter of its fibres (less than 24 micron), results in a softer yarn with finer curls pleasant to the touch. The fibre's core is hydrophilic (retains moisture) and breathes. Since this fibre heats up, even when humid, this is the middle fibre in the T3 Lorpen for colder temperatures.

HYBRID FIBERS:

Natural Fibres:



The new "MerinoDry" fibre mixes and complements the main benefits of superfine merino wool with synthetic polyester that improves moisture management and dries faster, providing greater resistance.

SYNTHETIC FIBRES / HYDROPHOBIC:



Coolmax® is a polyester yarn from Invista® with channels to efficiently transport moisture away from the skin to the outside of the sock.



A polyester developed by Primaloft® (the worlds best artificial thermal insulator in technical garments). It creates a soft fibre, thermal insulation, hydrophobic that expels and doesn't absorb moisture.



This is an intimate mix of merino and acrylic that results in a very pleasant to touch yarn that improves comfort.

TECHNOLOGY

NEW LIMITS IN SOCK TECHNOLOGY: 3 LAYERS AGAINST BLENDS

Lorpen is the only sock brand in the world that manufactures socks with **3 layers** of yarn differentiated (**T3 Technology**). It includes:

- **A hydrophobic yarn in contact with the skin** that wicks the moisture outside keeping the skin dry.
- **A hydrophilic yarn in the mid-outer side** that absorbs the moisture out of the skin and spreads it for a faster drying.
- **A resistant yarn in the outside** (usually Nylon) that protects the areas most exposed to friction depending on type and level of activity.

