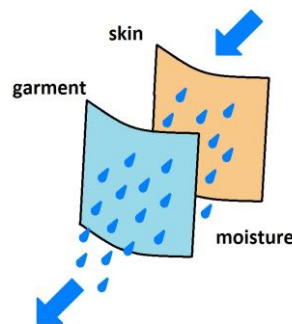


Aquator Effect

Fabrics, made of **Coolmax** or manufactured with **Aquator Technology**, do regulate the moisture transmission better than traditional materials like cotton and polyamide, thereby optimizing the heat control of the body.

Coolmax fabrics consist of a 4-channel-fibre, thus have a 20 % greater surface than conventional round fibers. As a result, moisture is transported away from the skin and evaporates on the textile surface.

Heat accumulation is avoided since the skin stays on dry and the body can cool down more easily.



The advantages of Coolmax are:

- **Moisture:** Coolmax retains 8% less moisture than cotton
- **Dryness:** a high moisture transmission away from the skin provides greater dryness
- **Cold:** Improved vapor permeability in a lightweight fabric
- **Comfort:** Softness of the fabric
- **Functional life:** The Coolmax function is lasting as the fiber cross section causes a physical effect
- **Care of textiles:** machine washable, no shrinkage, resistant to odor and mold
- **Branding:** Articles made of Coolmax yarn get certified and receive the Coolmax Branding of Invista

Qualities produced with **Aquator Technology** are 2-layer fabric constructions which transport the moisture away from the body and thus keep the skin dry longer. The side of the fabric that touches the skin carries bodily fluids away to the material layer on the surface where they evaporate over a large area.

The advantages of Aquator Technology are:

- **Moisture:** noticeable faster moisture absorption than normal polyamide
- **Dryness:** a high moisture transmission away from the skin provides greater dryness
- **Cold:** Improved vapor permeability in a lightweight fabric
- **Comfort:** Softness of the fabric
- **Functional life:** The Coolmax function is lasting as the fiber cross section causes a physical effect
- **Care of textiles:** machine washable, no shrinkage, resistant to odor and mold

