



HEIQ 
REAL SILK

**A touch of luxury –
wear silk every day**

**Unique textile treatment based
on short silk fibers**

- **Luxurious touch of softness**
- **Based on HeiQ's revolutionary Short Polymer Fiber (SPF) technology**
- **Enhanced comfort thanks to highly absorbent and fast-drying effect**
- **Cost effective value enhancing treatment**
- **Applicable to any fiber type: natural, synthetic and blends**

What does it do?

HeiQ Real Silk treatment reproduces the luxurious touch effects of silk: soft, dry, cool and comfortable. It uses real silk fibers secured to the surface of each textile fiber. It is ideal for any apparel and endows any fabric with a touch of luxury and added value.

What is it for?

HeiQ Real Silk is ideal for the fashion world and brings a touch of luxury to everyone by enhancing otherwise “common” fabrics (e.g. polyester or cotton) with the characteristics and luxurious feel of silk.

**SWISS
TECH
INSIDE**

HeiQ Real Silk

Revolutionary short polymer fiber technology based

Silk – The expensive luxury fabric

Silk is one of the most exclusive and expensive fibers available due to the complex production of this natural raw material. The significant cost of silk has created a sense of exclusivity around silk fabrics and garments, and conveys an image of luxury. Silk is also sought after for its classic timeless appeal, comfort and beautiful luster – a natural material in high demand by the fashion industry worldwide.

Truly unique material

Silk is a truly unique material – soft, temperature-regulating, highly absorbent and fast-drying, highly tear-resistant and virtually wrinkle-free. Traditionally, silk use has been limited to yarns, subsequently also limiting design flexibility and engendering high costs.

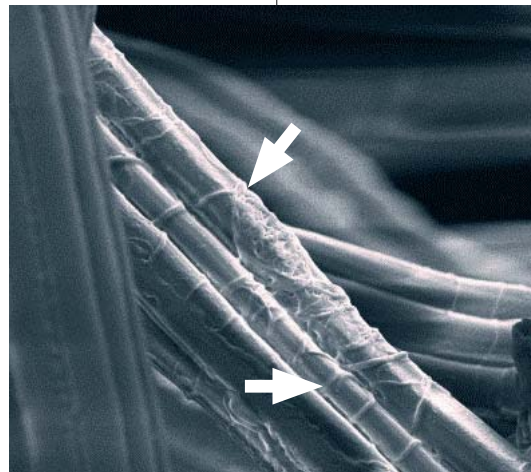
The HeiQ Real Silk experience

HeiQ's innovative finishing technology HeiQ Real Silk transfers the characteristics and luxurious feel of silk to other fabric types like polyamide, polyester, cotton or its blends. HeiQ Real Silk makes use of formulated short silk fibers which are applied by standard textile finishing processes onto the surface of any kind of fabric. By applying silk to the surface, the tactile properties of silk are reproduced in a cost-effective manner. New cost sensitive market segments can be tapped – wrapping people in real silk and bringing a touch of luxury to everyone.

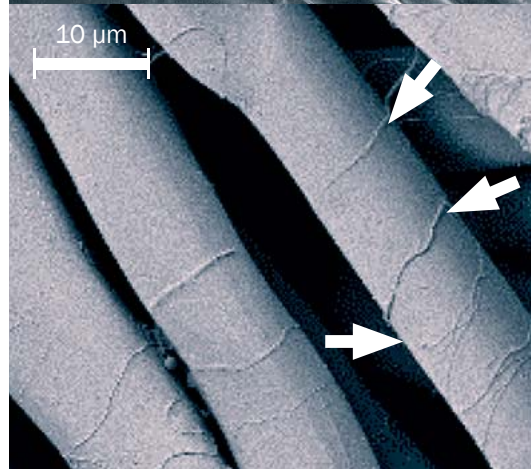
Short Polymer Fiber technology

The HeiQ Real Silk technology makes use of short polymer fibers which are created in the newly developed manufacturing plant at HeiQ's R&D subsidiary in Geelong, Australia. It is a patented manufacturing process where a minute fiber is formed by a coagulation process of natural polymers. These advanced functional short fibers open new opportunities for innovative textile technologies, enabling HeiQ to enlarge its wide range of high-performance textile finishes. HeiQ uses recycled silk sources as a raw material for its HeiQ Real Silk technology. One of the main sources are disused Japanese kimonos. By doing so the splendor of these unique garments is continued in the textile value chain.

Used silk kimono fabrics



Polyester filament treated with HeiQ Real Silk short polymer fibers



Find out more!