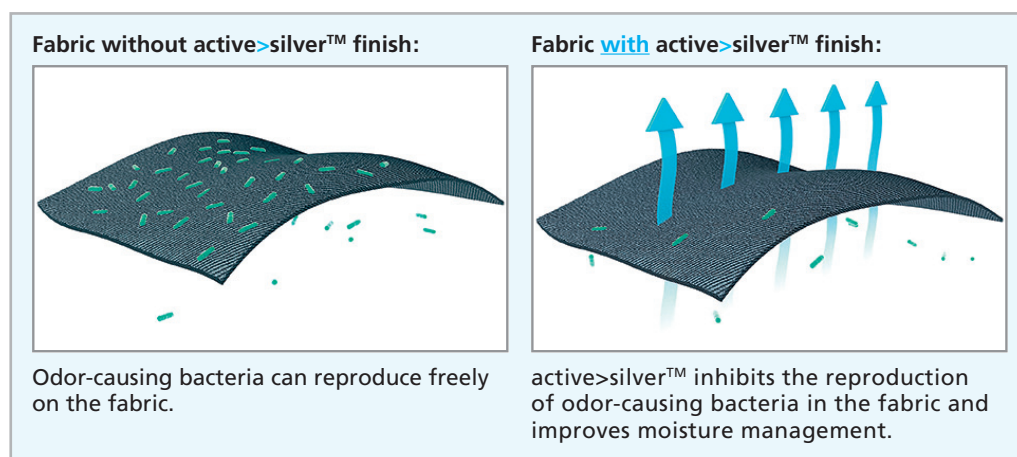


active>silver™: Controls Bacteria. Sustains Freshness.

active>silver™ is a freshness finish for textiles based on nature-identical silver salts. It reduces the occurrence of unpleasant body odors and other unpleasant smells by inhibiting the reproduction of bacteria, mites and fungi that cause odors. This ensures that textiles remain hygienically fresh.

An odor-inhibiting finish provides major benefits for delicate fabrics, in particular those worn next to the skin such as sportswear or underwear because textiles of this nature are continually exposed to bacteria that lead to body odor.

For long lasting, reliable and wash resistant functionality, the silver salts are permanently anchored to the surface of the fabric by way of a special process. As a result, fabrics with active>silver™ remain reliably and hygienically fresh for longer and make the fabric even more comfortable to wear. The natural skin flora is not affected by active>silver™.



Silver combats germs from antiquity to the present.

In ancient Greece and Rome, silver coins were placed in milk containers to keep the milk fresh. Even today, surgeons use silver-coated instruments and bandages with silver encourage wounds to heal. Underwear with a silver treatment brings benefits for people suffering from skin disorders. E174 is a food coloring with silver used in some desserts. Additionally a vintner can correct an off-putting aroma of his wine by adding a precipitate of silver chloride.

The active>silver™ finish actually improves certain properties of the fabric, including moisture management and gives the fabric a pleasantly soft feel.

The color, breathability, or light, wash and rub fastness of the fabric are not affected by active>silver™.

active>silver™ - The advantages at a glance



Reduces body odor and other unpleasant smells



Ensures freshness, hygiene and a very good moisture management



Provides reliable functionality, even after frequent washings at low temperatures

Use next to the skin

active>silver™ can be used for any clothing that will be worn next to the skin, such as for sports and leisurewear, underwear and hosiery. active>silver™ is also a good addition for workwear and hospital and health care clothing.

Hygienically clean

Wash temperatures of 30°C provide ideal growth conditions for bacteria. Therefore, it used to be necessary to wash clothing at higher temperatures in order to kill these bacteria. Thanks to active>silver™, lower temperature washes are sufficient to generate clean and hygienic wash results. Furthermore, fabrics with active>silver™ stay fresh longer and therefore do not require such frequent washing. This saves time and money as well as being good for the environment.

High wash and wear resistance

active>silver™ is fixed in the very fibers of the fabric. This allows the bacteriostatic effect of active>silver™ to continue working even after 30 domestic washes and a high level of dry cleaning, giving it excellent wash and wear resistance.

Effective and ecologically sound

active>silver™ is neither nanosilver nor colloidal silver. The active ingredient of active>silver™ is based exclusively on nature-identical silver salts.

**Controls Bacteria.
Sustains Freshness.**



active>silver™ complies with the bluesign® standard; the world's most stringent standard in textile production. The bluesign® standard guarantees the greatest possible freedom from harmful substances and the greatest resource efficiency. www.bluesign.com

The active agent used in active>silver™ has an Oeko-Tex® Standard 100, Class 1-4 listing. www.oeko-tex.com

The bacteriostatic effect of active>silver™ has been proven in independent laboratory tests carried out in accordance with international standards (JIS Test L 1902:2002, ASTM 2149-01 for example on *Staphylococcus aureus*).

Schoeller Hydro Protec Comp B meets the requirements of the REACH directive 1907/2006/EU. The REACH-relevant substances it contains have been pre-registered. The product contains none of the listed SVHC substances (SVHC = Substance of Very High Concern for authorization).