



Silver Smart



Jacquard Textile, together with our design partners in Italy, are continually dedicating time and energy to research and develop a range of new characteristics. These help to add significant value to our products and offer reassurance to our customers that the fabrics really can perform.

Silver

Silver has been successfully used as a means against bacterial attack for centuries. The antimicrobial finish based on silver prevents the uninhibited multiplication of bacteria on textile surfaces. The natural balance of the skin is not affected. Silver fibres help you maintain a comfortable sleeping temperature with safe, high-level protection from bacteria, fungi and odour. Silver fibres eliminate 99% of odour-causing bacteria.



IMPROVING PERFORMANCE

After 2 hours SILVERPLUS® shows an antimicrobial effect of 95%. Silver ions control bacteria by means of a triple mechanism:

- Blocking oxygen-transporting enzymes
- Inactivating sulphur-containing proteins of the bacteria
- Locking the cell membrane

How it works

- Bacteria are controlled by silver ions on the textile surface.
- The triple mechanism of silver ions prevents the potential formation of adapted bacteria.
- Bacteria cannot adapt to all three effective mechanisms to become resistant to silver.
- In the case of moisture (eg. perspiration) silver ions with antimicrobial effect are set free from a virtually infinite deposit.
- Due to its large active surface SILVERPLUS® is effective in very small quantities.

Benefits

- Hygiene and freshness
- Anti-odour
- Comfortable sleeping temperature
- Anti-static

