



# Prolen® Siltex and Prolen® Bodyfresh

## the new fresh wave of comfort

Progressive antibacterially modified polypropylene fibres **Prolen® Siltex** and **Prolen® Bodyfresh** effectively inhibit the growth of bacteria, fungi and moulds. This way they reduce unpleasant smells, keep a biological balance of the skin and set a hygienic freshness to the product during the whole day. They are harmless for men and the environment.

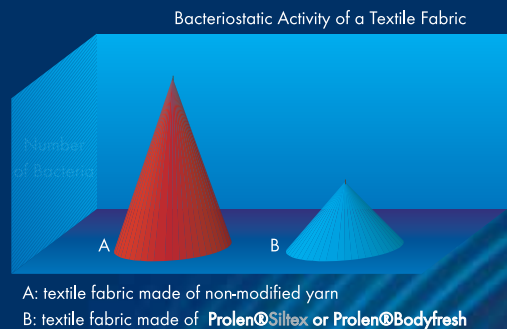
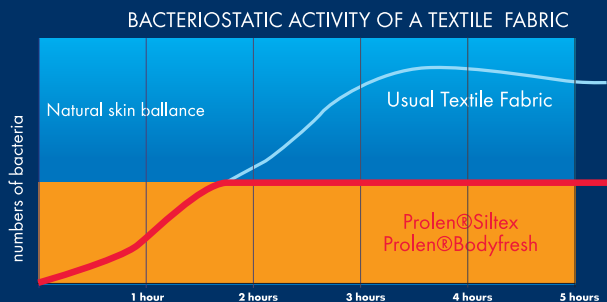
**Prolen® Siltex** and **Prolen® Bodyfresh** have been created for underwear, sports garments, workwear, socks, filling material for shoes, bedclothes, lining and upholstery to protect in environments which require high hygienic standards.

Due to the fact that the antimicrobial agent is applied to the core of the yarn and not to its surface, it doesn't migrate from the fabric and permanently remains in it even after multiple washing.

**Prolen® Siltex** is a special yarn modified by an antimicrobial additive on the basis of biogenic silver ions which inhibit the growth of bacteria, fungi and moulds. The antibacterial effect of silver has been known already for many centuries.

**Prolen® Bodyfresh** is a special yarn modified by an antimicrobial additive, which is composed of tested combinations of aromatic halogen compounds with high bacteriostatic and fungostatic effects.

Conformity of antimicrobial properties of **Prolen® Siltex** and **Prolen® Bodyfresh** with the technical requirements of the American standard AATCC 100-1998 was confirmed by the Authorized Body SKTC-119. Antibacterial activity of **Prolen® Siltex** was also evaluated by the Institut Français Textile – Habillement according to the standard ISO/CD 20743 – absorption method (2004).



## Let`s protect what we love

