

World Textile Information Network

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Featured Technology:

HHL TECHNOLOGY
PURETEX™

NPD HHL Technology launches silver deodorising agent

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HHL Technology has launched PureTex, a silver based antimicrobial agent designed to offer permanent protection to garments against odour causing bacteria and fabric degradation.

According to the manufacturer, the structure makes PureTex more effective than other silver agents currently available. Each silica particle contains a high volume of smaller silver particles, meaning the particles are embedded throughout the whole structure. This composition is said to give the material immediate antimicrobial activity, combined with long-term durability.

The silver particles are either incorporated into the fibre or attached to the surface during manufacturing, ensuring PureTex can perform consistently, with permanent results, said HHL Technology. PureTex can be applied through a number of application methods including pad, exhaust, spray or foam. The agent can also be incorporated into a masterbatch during fibre manufacture.

Compared with competitors, a significantly lower active substance is said to be required to achieve an equivalent antimicrobial effect. According to HHL Technology, PureTex has a wide range of applications, suitable for almost any fabric type or structure including synthetics, plastics, paints and coatings.



About PureTex

PureTex is a natural silver antimicrobial system that can offer permanent protection against odour causing bacteria and fabric degradation, keeping the user fresher and healthier and the treated article more hygienic and longer lasting. It is easily applied to a broad range of articles and is totally safe to the user and the environment.

PureTex is the most advanced 3rd generation silver antimicrobial technology available – it offers unmatched effectiveness, sustainability, durability and flexibility. PureTex is environmentally responsible as fabrics need to be washed less and will last longer. In addition PureTex offers ultimate recyclability – the silver we take from nature, will eventually return to nature.

PureTex can be applied almost anywhere and on anything that needs to be healthy and hygienic. This includes all types of clothing, bedding, plastics and paints. Fabrics that are subject to rigorous use, especially active and sportswear are ideally suited. It is thus the perfect anti-allergenic system for duvets, pillows, mattresses, carpets and curtains.

About Us

HHL Technology is an innovative leader in multi-functional fabric technologies. For over a decade, our extensive range of fabric applications have addressed the needs of an ever growing and demanding market and are embraced by some of the world's most recognised brand names in the active wear, outdoor clothing, outdoor equipment, home and commercial textile markets.

Whether you want your textiles protected from odour-causing bacteria, mould, fungi, a torrential rainstorm or biting insects, HHL Technology has the products you need to achieve added value and performance.

All our products use the most advanced technology available. They have been independently tested and are safe to both the environment and the user.

If you manufacture or buy a garment or piece of equipment with an HHL Technology logo, you can be sure that it will be fresher, healthier and more hygienic.

Product Overview

Our comprehensive range of products includes the following:

- PureTex Natural silver anti-microbial
- Armour+ Highly advanced rain and stain shield
- ArmourTex Advanced rain and stain shield
- BioTex Anti-fungal system
- BaseTex Essential fabric softening system
- Hygiene Protection Anti-microbial application
- Health Protection Anti-dust mite and anti-microbial application
- Vital Protection Anti-mosquito insect protection

For further information, please visit www.hhltechnology.org or call +44 (0)20 8275 1100