

Performance apparel markets: product developments and innovations, March 2018

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Abstracts

This report provides information on the latest developments in antimicrobial agents in textile finishes, environmentally sustainable outdoor apparel, environmentally sustainable performance fabrics, insulation materials, leather, new fabrics, outdoor apparel and footwear, performance fibres and fabrics, textile finishes, and workwear. The report includes news from the following innovative brands, companies and other organisations: Cordura, Devan Chemicals, DuPont Industrial Biosciences, ECCO Leather, HeiQ, the Hohenstein Group, Hyperlite Mountain Gear, Matrix World Group Chile (MWG Chile), Pontetorto, PrimaLoft, Teijin Aramid, Teijin Frontier, Teijin Limited, Tierra, Unifi, Vaude and W L Gore & Associates (Gore).

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SUMMARY

ANTIMICROBIAL AGENTS IN TEXTILE FINISHES

The Hohenstein Group is exploring the use of Lewis acids as antimicrobial agents in textile finishes

ENVIRONMENTALLY SUSTAINABLE OUTDOOR APPAREL

Tierra has developed a jacket which is made entirely from bio-based materials

ENVIRONMENTALLY SUSTAINABLE PERFORMANCE FABRICS

Pontetorto and Vaude have collaborated in the development of an environmentally sustainable fleece fabric called Biopile

FINISHES

Devan Chemicals has launched a new range of antimicrobial finishes for textiles
HeiQ has developed a new range of fabric finishes called HeiQ No Fuzz

INSULATION MATERIALS

DuPont Industrial Biosciences and Unifi will collaborate in the development of a new insulation material
PrimaLoft has developed a new insulation material called PrimaLoft Gold Insulation with Cross Core

LEATHER

ECCO Leather has developed a paper-thin leather material called Dyneema Bonded Leather

NEW FABRICS

Teijin Aramid has developed a new performance fabric called Teijinconex Coolnex Super

Wicking Fabric

OUTDOOR APPAREL AND FOOTWEAR

Hyperlite Mountain Gear has developed a lightweight waterproof jacket which incorporates

Dyneema Fibre

W L Gore & Associates (Gore) has developed a new brand called Gore-Tex Infinium

PERFORMANCE FIBRES AND FABRICS

Cordura has expanded its portfolio of protective fabrics for workwear applications

Teijin Frontier has developed a new insulating fibre and a new knitted and laminated material

Insulating fibre

Knitted and laminated material

WORKWEAR

Matrix World Group Chile (MWG Chile) has developed a new flame resistant apparel collection

Teijin Limited has developed a firefighter's uniform which can be used to predict the risk of heatstroke and has developed a vest to be used in conjunction with the uniform

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