

Product Developments and Innovations in Textiles and Apparel, June 2014

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Abstracts

This report analyses some of the latest developments and innovations in the global textile and apparel industry, including: 3D printed apparel; cosmetotextiles; environmentally friendly apparel; environmentally friendly fabric finishes; fabrics for performance apparel; flame resistant (FR) protective apparel; garment technologies; high visibility apparel; insulation products; jeanswear; liquid repellent apparel; new collections; protective apparel; sportswear; virtual fitting room technology; wearable technology; and yarns for performance apparel. The report includes news from the following innovative companies, individuals and other organisations: 3M, Aamir Patel, Adidas, Aquafil, BASF, Bart Huydts, Bulwark, Christiaan Holland, Coats, Columbia Sportswear, Dainese, DSM Dyneema, Engage Production, Francis Bitonti, Gelderland Valoriseert, Gert Jan Jongerden, GT Calze, H&M (Hennes & Mauritz), Hobbs Bonded Fibers, Hunter Sportswear, Juba PPE, Koru Swimwear, Lauren Bowker, Levi Strauss & Co, Lululemon Athletica, MakerBot, Milliken, Moticon, Naked & Famous Denim, Nylstar, Nilit, Nonwovens Innovation & Research Institute (NIRI), Pauline van Dongen, Polartec, Sanitized, The Woolmark Company, Topshop, TrailHeads and Urban Outfitters.

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3D PRINTED APPAREL

MakerBot and Francis Bitonti: 3D printed dress

COSMETOTEXTILES

GT Calze: compression garments made using a new cosmetotextile

ENVIRONMENTALLY FRIENDLY APPAREL

H&M: new range of denim clothing which incorporates recycled cotton fibre obtained through the company's garment recycling initiative

Koru Swimwear: new range of environmentally friendly sports swimwear made using Econyl

ENVIRONMENTALLY FRIENDLY FABRIC FINISHES

BASF: new environmentally friendly fabric finish

FABRICS FOR PERFORMANCE APPAREL

Polartec: new bicomponent fabric for performance apparel

FLAME RESISTANT (FR) PROTECTIVE APPAREL

Bulwark and Milliken: new range of flame resistant (FR) protective apparel

Coats: two new flame resistant products for use in the manufacture of protective apparel

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The Nonwovens Innovation & Research Institute (NIRI): new technology which enables clothing items to be disassembled at the end of their useful lives

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TrailHeads: new range of hats and gloves for runners to improve their visibility in the dark

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Columbia Sportswear: new insulation system called Performance Enhanced down (PED)

Hobbs Bonded Fibers: new type of nonwoven insulation made from 100% wool

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Levi Strauss & Co: two new types of denim jeans which incorporate Dyneema fibre

Naked & Famous Denim: new style of denim jeans which have a scent of mint

LIQUID REPELLENT APPAREL

Aamir Patel: new T-shirt which repels liquids

NEW COLLECTIONS

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Adidas: new range of sportswear which helps to lower the wearer's body temperature

Adidas and Topshop: new collection of Adidas Originals branded sportswear and sports footwear for women

H&M: New range of sportswear

Lululemon Athletica: new brand of casual clothing

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