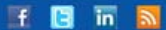




Designed for performance.  
Derived from nature.

[Learn more](#)



Search

[Home](#)

[About Us](#)

[News](#)

[Back Issues](#)

[Newsletters](#)

[Advertise](#)

[Subscribe](#)

[Eco-Metrics](#)

29 June 2011

[Retail](#)

[Labels & Legislation](#)

[Materials](#)

[Dyes & Chemicals](#)

[Technology](#)

[Events](#)

[My Account](#)

[LOGOUT](#)

## Fluorocarbon free water repellency

Wednesday, 29 June 2011

[ShareThis](#)

OAKLAND – Speciality fabric manufacturer Nano-Tex has developed a new, fluorocarbon free water repellency treatment for fabrics.

Aquapel is described as a nanotechnology-based textile enhancement that is said to offer a highly effective and economical approach to water repellency.



With applications in both the apparel and home textiles sectors, Aquapel actually modifies fabric at the molecular level by permanently attaching hydrophobic 'whiskers' to individual fibres that elevate liquids, causing them to bead and roll right off the fabric surface.

It replaces the traditional fluorocarbon polymer with a hydrocarbon polymer which is said to be both more ecologically friendly and economically smart. The result is described as excellent performance-liquid repellency that's breathable, durable and fast drying - while remaining both fluorocarbon and PFOA free.

Fabrics treated with Aquapel also allow stains to wash out easily, allow the fabric to breathe naturally and retain natural absorbency and softness.

Web: [www.nano-tex.com](http://www.nano-tex.com)

[Add comment](#)

3 Comments

Copyright MCL Global 2010. You may share using our article tools. Please don't cut articles from ecotextile.com and redistribute by email or post to the web.

### Find us on Facebook



Ecotextile News

[Like](#) 441



Ecotextile News

United By Blue (UBB), the leader in ocean-friendly fashion, is making environmental activism an easy option for online



### FASHION AND RETAIL

- ▶ Retailers urged to adopt recycling schemes
- ▶ Interview: Karin Ekberg, adidas
- ▶ Timberland makes good fit for VF Corp



### LABELS AND LEGISLATION

- ▶ First Chinese firm earns PCF mark
- ▶ WRAP increases Bangladesh presence
- ▶ Eco-textile labelling guide goes online



[MOST READ](#)

[LATEST](#)

- RITE Group strengthens event line-up
- Asian giants join Planet Textiles
- Interview: Karin Ekberg, adidas
- NAT signs pulp development deal
- Interview: Lee Holdstock, Soil Association

## HUNTSMAN

Enriching lives through innovation