

A woman in a dark suit and red boots holds a pink umbrella. A woman in a red dress and a man in a dark suit are jumping in the rain. The background is a cloudy sky with rain falling.

devan⁺
repeL

DEVAN REPEL ONE

Finding joy
in every raindrop.

 powered by **Pulcra**



PFC-free Durable Water Repellency

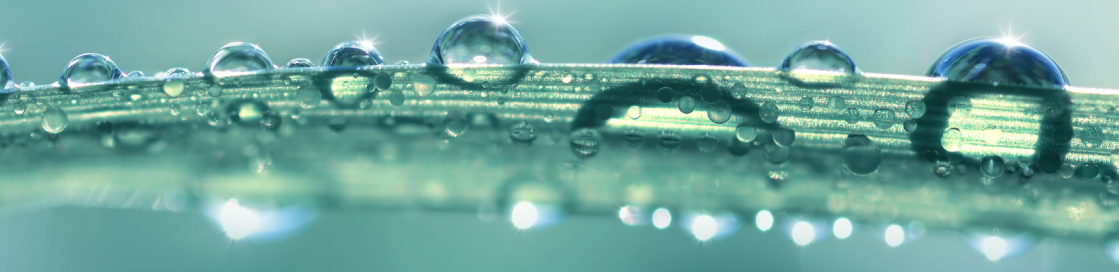
In a world where water-repellent textiles play an important role in various industries, Pulcra Chemicals, a global leader in sustainable chemical solutions, has joined forces with its subsidiary, Devan Chemicals, to introduce a groundbreaking and cost-effective water repellency technology: DEVAN REPEL ONE.

This collaboration promises to revolutionize the market by offering a **performing** solution that caters to a wide range of industries.

DEVAN REPEL ONE, the new water repellency technology developed by Pulcra and Devan takes a giant leap forward by combining cutting-edge chemistry with eco-conscious principles.

This technology is **free from perfluorinated compounds (PFCs)** and **free from isocyanates**.

“Pulcra & Devan join forces to contribute to a greener and more sustainable future!”





Free of Fluorocarbons

Cost-efficient

Performance

Superior water repellency performance on synthetics, especially on PES fibers and their blends with cotton.

The markets

Rain & outdoor wear

Jackets, trousers, windbreakers, ...

Technical textiles

Awnings, tents, ...

Outdoor furnishing

Outdoor furniture, patio furniture

Home textiles

Tablecloths, shower curtains, mattress ticking ...



DEVAN REPEL ONE

Conquer the wet

DEVAN REPEL ONE protects textiles from water in the long term, ensuring that water beads up and rolls off the surface, rather than being absorbed.

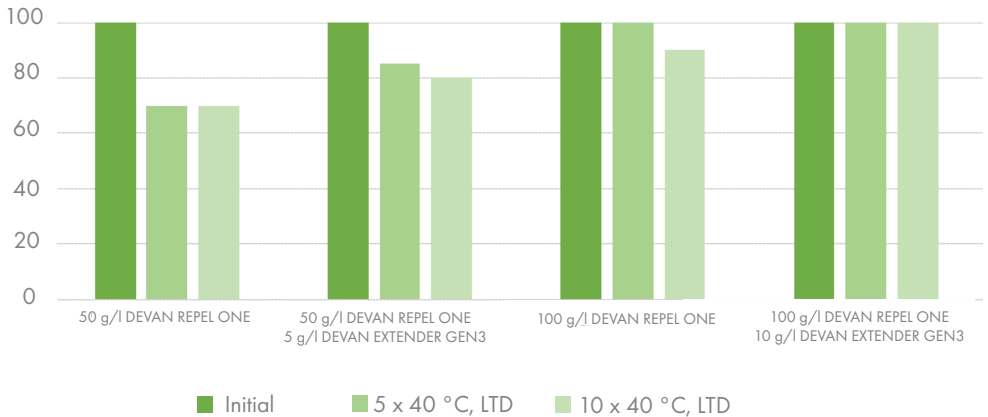
This technology allows you to stay dry and confident, whether you are facing unexpected rain or tackling outdoor adventures in wet conditions.

Our technical staff and agents offer support through the installation of the DEVAN REPEL ONE processes in mills all over the world.

Performance can be boosted to meet different requirements with the Devan Extender GEN3.



Spray testing

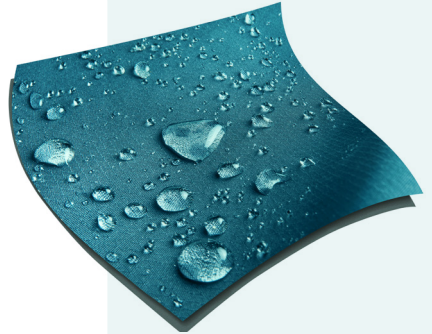


Spraytest AATCC 22-2005, tested on 100% PES woven fabrics

How does it work?

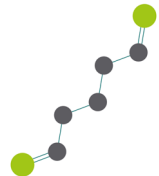
Surface tension (or surface energy) of a substance dictates how a surface will interact with its surroundings. The balance in between cohesive and adhesive forces will define hydrophilicity or hydrophobicity, oleophobicity or oleophobicity tendency.

The lower the surface free energy, the higher will be the potential for repellency. DEVAN REPEL ONE lowers the surface energy to a level capable of repelling water and waterborne systems.



DEVAN EXTENDER GEN3

Boost the effect on all kinds of fibers



- ✚ New generation of sustainable extenders, fulfilling requirements of current and future eco-schemes
- ✚ Free of Isocyanate, Butanone-oxime and 2-dimethylpyrazole
- ✚ Meeting industry standards and end-user specifications for repel effects with good wash durability
- ✚ Compatible with all DWR technologies



Technical expertise

We are a global company with outstanding engineering capabilities and unique processing knowledge. We are represented in 16 countries with more than 1.000 employees.

Our goal is the success of our customers, whom we support in the best possible way with on-site technical expertise, product development, legal compliance and sustainability.

Pulcra Chemicals
The solution specialist

devan

Pulcra Chemicals GmbH

T. +49 8171 628 0 | info@pulcrachem.com | www.pulcrachem.com

Devan Chemicals nv

T. +32 55 23 01 10 | info@devan.net | www.devan.net