HEIQ ECO DRY

Stay dry ecologically

INSPIRED BY NATURE, DESIGNED FOR NATURE

HeiQ Eco Dry is a family of eco-friendly, innovative and PFC-free water repellent textile technologies that provide protection against water and water-based stains.

SWISS TECH INSIDE

✓ FOR TEXTILE

✓ FOR LEATHER

Outstanding qualities

- Exceptionally eco-friendly durable water repellency
- Fluorocarbon-free (PFC-free)
- Extreme efficiency and durability to washing and dry cleaning

Added value

- Promotes a soft hand and preserves perfect breathability
- High abrasion resistance
- Air-dry capability

Wide-ranging applications

- Applicable to all fiber types, from cellulosics, synthetics and blends to leather and luxury fibers such as silk and wool

Universal compliance

- Complies with EU REACH and ZDHC, bluesign submitted, OEKO-TEX suited and meets most brand RSL requirements

WHAT DOES IT DO?

HeiQ Eco Dry is an innovative technology that mimics nature to deliver fluorocarbon-free durable water repellent features.
It ensures that treated materials stay ecologically dry. Bio-inspired HeiQ Eco Dry empowers textile and leather goods to master wet and wild weather conditions.

WHAT IS IT FOR?

HeiQ Eco Dry is a direct response to industry demands for sustainable and eco-friendly water repellent apparel, footwear and other outdoor accessories. HeiQ Eco Dry excels with its universal applicability for all fiber types, from cellulosics, synthetics and blends to leather and luxury fibers such as silk and wool.

THE HEIQ ECO DRY FAMILY FOR EVERY REQUIREMENT

Outdoor apparel	Skiwear/mountain outdoor jackets, windbreaker	●	●	●	●	
Fashion & performance apparel	Hiking pants, fleeces, coats, running & hiking apparel, footwear	P	●	●	●	
Leather	Footwear, bags, fashion jackets, accessories	●	●			

Performance · Soft handle · Compatibility · Dry-cleaning · No chalk marks · Laundry Air Dry · Leather · Alcohol repel

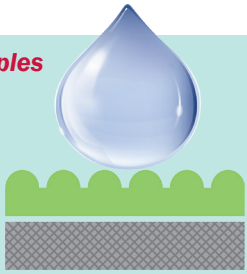
INNOVATIVE CHEMISTRY AT WORK

HeiQ Eco Dry creates superhydrophobic properties by

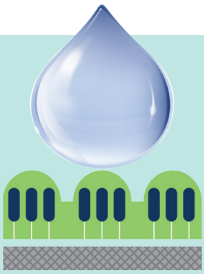
- Minimizing the contact area, and
- Obtaining a very high contact angle between water drop and fabric

Mode of action - examples

Building a **microscopic hydrophobic 3D surface structure** to minimize contact points and provide durable water repellency



Creating a barrier with tightly packed **functional polymer units** providing repellency through **steric hinderance**



HeiQ offers the following repellency performance methods for your textiles and leather goods:

- Spray test (AATCC 22/ ISO 4920)
- Impact penetration test (AATCC 42)
- Bundesmann rain test (ISO 9865)
- Water pressure (water column) test (ISO 811)
- Aqueous liquid repellency: water/alcohol solution resistance test (AATCC 193)
- Adidas wicking test (GE56)

Watch the video!

HEIQ ECO DRY

Sustainable technology for smart and fluorocarbon-free eco-friendly water repellency

At HeiQ, sustainability encompasses not only economic, environmental and social principles, but also product quality. We aim at making all materials we innovate a better product.

- Bio-inspired HeiQ Eco Dry keeps garments and footwear ecologically dry
- Exceptional efficiency and durability to washing and dry cleaning
  - 100% DWR performance up to 50 washings
  - Best-in-class dry-cleaning durability, up to 10 dry cleanings
- High abrasion resistance

eco

OEKO-TEX® suited

ZDHC

bluesign® SYSTEM PARTNER

HEIQ ECO DRY

HEIQ Differentiate. Innovate.

Get inspired and learn more about our innovative technologies
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Version 2021-03