




TurboDry[®]
a product of **NEXTEX**

Inspired by nature for
the moments that matter

A person wearing a black puffer jacket and dark pants stands with their back to the camera on a dark, jagged rock formation. The person is looking out over a vast, calm ocean under a sky filled with soft, grey clouds. The foreground is dominated by tall, golden-brown grasses that are slightly out of focus. The overall mood is serene and contemplative.

Permanent patent-pending fabric construction technology that moves moisture in one direction away from the skin without relying on chemicals.



2021
OR Innovation
Function Award
Recipient

TurboDry®
Eco



TurboDry®
All Season

TurboDry®
Single Jersey

TurboDry®
Modal Blends

TurboDry®
Cotton Blends

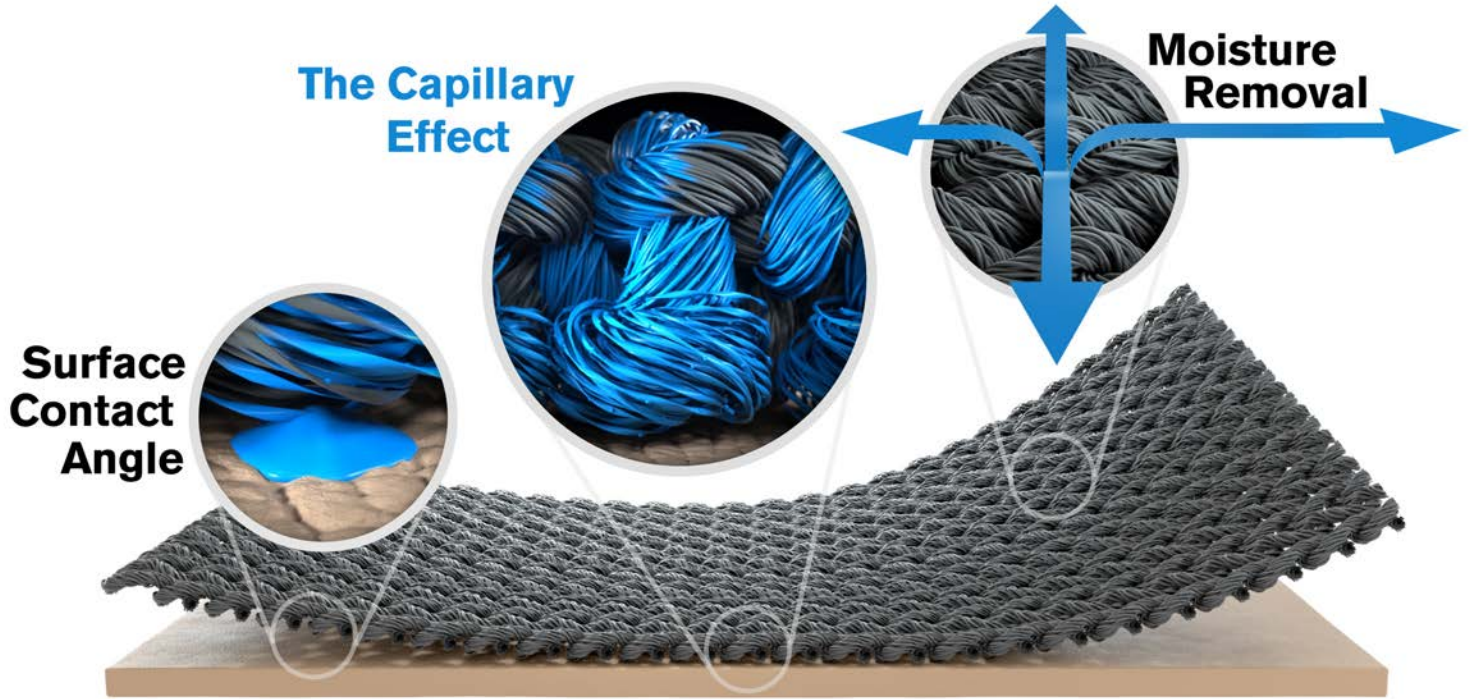


TurboDry®
Elastic

TurboDry®
Woven-Like Knit



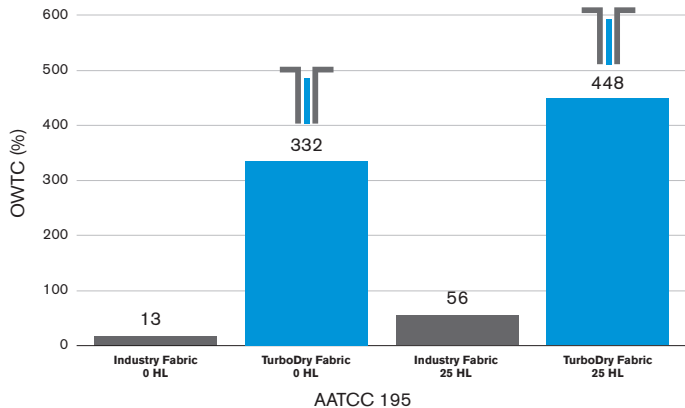
TurboDry®



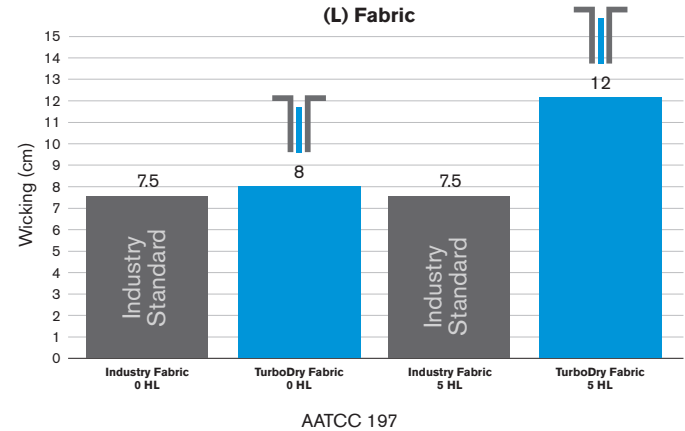
Industry Standard Comparison

Note: The fabric used in this study is a knitted synthetic material comprised of 88% Polyester, 12% Spandex weighing 150 gsm.

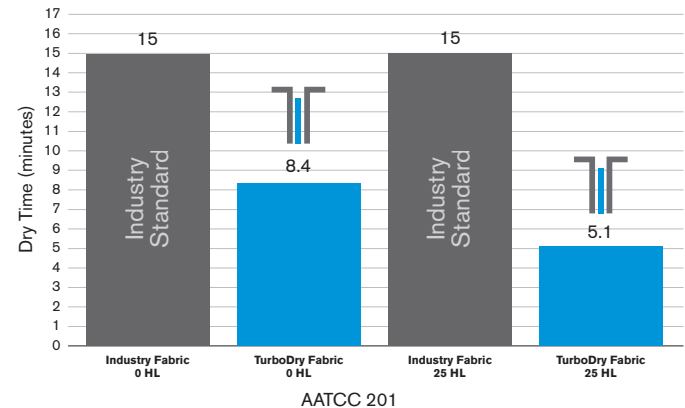
One-Way Transport Capability



Wicking



Dry Time





We looked to nature for the new dimension in performance.

TurboDry® fabrics biomimic the moisture movement method that trees use to move water from their roots to their leaves.



FREE YOUR
BODY FROM
SWEAT



DIFFERENT
SURFACE
ANGLE
CONTACT



CAPILLARY
EFFECT



RAPID
MOISTURE
REMOVAL



DRYNESS =
COMFORT

A person in a red tank top and green cargo pants is rappelling down a large, overhanging rock formation. The person is suspended by a rope and is looking upwards. The background shows a dramatic coastline with a blue sea, a town built into a valley, and rugged mountains under a clear sky. A blue vertical bar is on the left side of the image.

TurboDry® Eco

Active Tops | Stretch Bottoms
Engineered for Peak Performance

Our Eco Collection is constructed with 100% Polyester for potential end-of-life recycling. These fabrics are ideal for applications where high-intensity performance is key.

A woman with long braids is running on a paved path through a misty forest. She is wearing a black long-sleeved top and black leggings. The path is wet and reflects the light. The trees are dense and the fog is thick, creating a serene and atmospheric setting.

TurboDry® All-Season

Leggings | UPF | Quarter-zip
Engineered for the Changing Elements

The All-Season Collection are synthetic blends designed for year-round performance. This expansive collection offers a wide range of weights and constructions.



TurboDry® Single Jersey

Run Shirts | Underwear | Base Layer
Engineered for Lightweight Breathability

The Single Jersey Collection represents a breakthrough in the expansion of our product line and allows us to continue to push the limit of lightweight performance fabrics.



TurboDry[®] Modal Blends

Casual Wear | Polo Shirts | Sleepwear
Engineered for Maximum Comfort

The Modal Blends Collection features a collection of irresistibly soft fabrics designed for lasting uncompromised comfort to meet the needs for comfort and performance.



TurboDry® Cotton Blends

T-Shirts | Hoodies | Leggings
Engineered for the Everyday

The Cotton Blends Collection introduces moisture management performance into a range of blended cotton synthetic fabrics. The fiber content for many of the fabrics in this collection is predominantly cotton.



TurboDry® Elastics

Headbands | Bra Straps | Waistbands
Engineered for Sweat Management

Our Elastics Collection is the easiest and fastest path to adopt TurboDry. Agile manufacturing allows custom development in a few weeks. This soft range of elastics immediately elevates the moisture management ability of end products.



TurboDry® Woven-Like Knit

Button Downs | Chino Pants | Board Shorts
Engineered for Workleisure

The Woven-Like Knit Collection carries the look of a woven material with the functional properties of a knit. This collection provides style and performance for those who demand products that function for both work and play.



TurboDry® Q&A

How does TurboDry® work?

TurboDry works in a similar manner to how tree's move moisture in their root systems. The yarns in the fabric create capillary channels that pull moisture through the fabric from the inside to the outside. This effect is achieved without additional chemistry.

Is TurboDry® a yarn technology?

No. TurboDry is not a yarn technology. It is a fabric construction technology. TurboDry performance can be achieved with commodity yarns- natural, synthetic, and blended. If your team is interested in incorporating specific yarn technology our team can calculate the moisture movement performance before development begins.

Can TurboDry® incorporate recycled material?

Yes. In fact, recycled fibers do not affect the performance of TurboDry materials.

How expensive is TurboDry®?

TurboDry typically costs about the same as a traditional fabric or elastic offerings with an upcharge in price similar to a wicking chemistry.

How is TurboDry® environmentally responsible?

TurboDry is manufactured in bluesign® and OEKO-TEX® Standard 100 certified mills. In addition, TurboDry fabrics do not need wicking chemistry and do not have any performance washout. Thus TurboDry products are long-lasting, durable alternatives to traditional wicking technologies.

Where is TurboDry® manufactured?

TurboDry is currently manufactured in China. As adoption expands, TurboDry manufacturing will expand to Vietnam, Sri Lanka.

A cyclist wearing a dark jersey and shorts is riding away on a dirt trail through a misty forest. The cyclist is positioned in the center-left of the frame, riding on a narrow dirt path that curves slightly to the right. The forest is dense with tall, thin trees, and the air is thick with mist or fog, creating a soft, ethereal atmosphere. The lighting is diffused, with no harsh shadows. The cyclist's gear includes a helmet, a dark jersey with some white and red accents, and dark shorts. The bike is a mountain bike with a full suspension. The overall scene conveys a sense of adventure and outdoor recreation in a natural setting.

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