

BIOPURE® ULTRA DRY

BIOPURE® MM1

Moisture Management Finishing Agent

A castor oil-based finish that delivers superior moisture wicking, quick drying, and cooling through capillary action for textiles. Its ultrahydrophilic nature transforms textiles into high-performance materials and eliminates the limitations caused by the fabric's contact angle thereby enabling superior performance.

How It Works

As a high-performance moisture management technology, BIOPURE® MM1 rapidly pulls moisture through the fabric while dispersing it across the surface then accelerates evaporation. This process creates an instant cooling effect that is perceptible to the consumer as a refreshing and comfortable experience. These advanced properties make it a superior choice for challenging textile segments, such as activewear, outdoor, intimates, and denim.

MM1 leverages the unique properties of castor oil to form strong bonds with the textile fiber, even at a low drying temperature of 75°C which ensures efficient and sustainable processing that results in reliable, long-lasting performance through 30 washes.

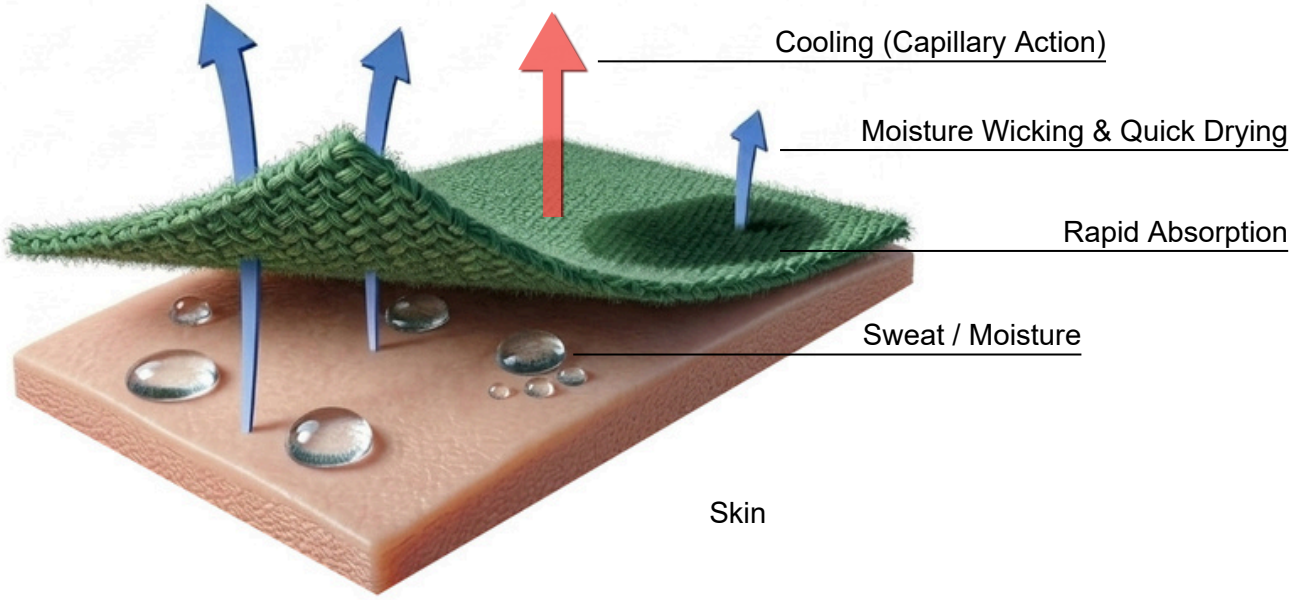
Technology Benefits

- Superior performance wicking for all fiber-types
- Improves the drying rate for all fiber-types, especially synthetics
- Cooling performance, through capillary action, for all fiber-types
- Improves anti-static performance
- Maintains fabric breathability
- Optimal runnability, allowing for uninterrupted production
- Compatible with commonly used finishing auxiliaries
- Contains 78% bio-based content per test method ASTM D6866
- Slightly Cationic in Nature
- 30 Wash Durability

Verifying Performance

AATCC 79: Water Absorbency of Textiles.
AATCC 197: Vertical Wicking Rate of Textiles to Specified Distances.
AATCC 213: Vertical Wicking Rate of Textiles: Specified Times.
AATCC 201: Drying Rate of Fabrics: Heated Plate Method.

AGS MINDFUL PIONEERING



Performance Features
Moisture Wicking
Cooling
Quick Drying

Durability
30 Home Launderings

Application Methods
Padding
Exhaust
Spray

Optimal For All Fiber-Types
Cellulosic (Cotton, Hemp, Linen, Wool, etc.)
Synthetic (Polyester, Nylon, etc.)
Manmade Cellulosic (Viscose, Lyocell, etc.)
Blends

Certifications
GOTS V7.0
ZDHC Level 3
OEKO-TEX EcoPassport
USDA BioPreferred
Dermatologist Tested

Bluesign compatible

Marketing Support
Products treated with a BIOPURE® technology and validated to meet performance requirements, are eligible to utilize our BIOPURE® branded marketing materials.

Our in-house marketing team is available to provide support with brand positioning, claims language, and Point-Of-Sale materials such as custom hangtags.





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