

Sustainable

UNIFI® is a pioneer in developing sustainable performance technologies, delivering efficiency, and lowering resource usage.



Environmental impact

From anti-odor to reducing energy usage, our innovations keep products in use for longer while lessening environmental cost.

Jump to:

[A.M.Y.®](#) [ChillSense®](#) [FlexxDye](#) [ReComfort™](#) [ReFlexx®](#) [Resist2O](#)
[SmartDye®](#) [Sorbtek®](#) [TruEffects](#) [Waterwise™](#) [XS Cross-Section](#)
[Integr8™](#) [CICLO®](#)


A.M.Y.®

Fiber with built-in odor control technology designed to last the lifetime of the product.

- Prevents the development of odors in fabrics and products
- Continuous performance for the lifetime of the product*
- Conservation of water and energy due to less frequent launderings

Antimicrobial properties are embedded into our fiber and yarn to produce products that stay fresh and require less frequent laundering. A.M.Y. continuously inhibits the growth of odor-causing bacteria, giving your products a longer lifespan and a reprieve on the environment. Offered as silver or zinc oxide based technology.

Produced in the **Americas**

Technology is **Inherent** to the yarn

Works with **Filament** and **Staple** **Polyester / nylon**



Suggested Industries

Variations available in:

REPREVE® (Recycled)

STANDARD (Virgin)

Offered As:

- SILVER TECHNOLOGY
- ZINC OXIDE TECHNOLOGY

*Lifetime of product is considered to be 50 launderings. A.M.Y. technology does not protect the wearer from bacteria. Unifi Manufacturing, Inc. makes no health claims and assumes no liability for the product's inability to meet any customer's expectation of performance, durability or applicability for medical or any other use.



CHILLSENSE®



Suggested Industries

Tech technology designed to give fabric or product an instant cooling sensation.

- Cool to the touch in next-to-skin applications
- Higher thermal effusivity values compared to standard polyester
- Can be paired with other UNIFI® technologies

ChillSense transfers heat from the body to the fabric more quickly, creating a cool sensation to the touch. This is due to thermal effusivity, the rate at which material can absorb heat and is the standard indicator used to quantify how textiles feel to the touch. The higher its thermal effusivity, the cooler a material feels.

Produced **Globally**

Technology is **Inherent** to the yarn

Works with Filament **polyester**



APPAREL



FURNISHINGS

Variations available in:

REPREVE® (Recycled)

STANDARD (Virgin)

*Determination of Thermal Effusivity ASTM D7984-16. Standard for certification > 175.

**Performance benefits and claims are based on fabric construction.



FLEXXDYE

A way to dye limitless, vibrant colored yarn with stretch.

- Enhanced color-matching capabilities
- Inherent stretch
- Made-to-order for lower volumes

FlexxDye offers a sustainable dyeing solution with inherent stretch, without compromising on quality. Locked-in custom color shades for lower volume yarn needs.

Produced **Globally**

Technology is **Inherent** to the yarn

Works with Filament **polyester / nylon**



Suggested Industries



APPAREL



FOOTWEAR



FURNISHINGS



INDUSTRIAL



MEDICAL



MILITARY



TRANSPORTATION

Variations available in:

REPREVE® (Recycled)

STANDARD (Virgin)



RECOMFORT™

Filament yarn technology crafted to act and feel like cotton, acrylic, rayon and other spun yarns.

- Soft spun yarn feel
- More sustainable than rayon and acrylic*

With our spun-like options, ReComfort is your alternative to cotton, acrylic, rayon, and other spun blends for your yarn. From a continuous filament yarn, get the same soft feel and a sustainable option for your spun products.

Produced **Globally**

Technology is **Inherent** to the yarn

Works with Filament **polyester / nylon**



Suggested Industries



APPAREL



FOOTWEAR



FURNISHINGS



TRANSPORTATION

Variations available in:

REPREVE® (Recycled)

STANDARD (Virgin)

*Polyester fabric has a favorable Higg MSI score compared to acrylic fabric and viscose/rayon fabric, for all impact categories included in the Higg MSI. Based on Higg MSI 3.6 data at Higg.org. Retrieved by Unifi Manufacturing, Inc. in November 2023.

**Performance benefits and claims based on fabric construction.



RECLEVY®





REFLEXX

Sustainable solution for stretch yarns that help fabrics stretch and recover with you.

- Allows for extreme stretch and recovery
- Options available for stretch without spandex
- Continuous performance for lifetime of the product*

Our ReFlexx technology is engineered for performance and comfort, providing the right amount of stretch and compression. Choose from a variety of polyesters, nylons and spandex to fit your product's needs. Can be made without spandex for a sustainable solution.

Produced **Globally**

Technology is **inherent** to the yarn

Works with Filament **polyester / nylon**

Suggested Industries

 APPAREL	 FOOTWEAR
 FURNISHINGS	 MEDICAL
 TRANSPORTATION	

Variations available in:

-  REPREVE® (Recycled)
-  STANDARD (Virgin)

Offered As:

- BICOMPONENT
- COVERED YARNS
- PET
- PBT
- PTT

*Lifetime of product is considered to be 50 launderings.

**Performance benefits and claims are based on fabric construction.



RESIST₂O

Our unique water-shielding fibers resist water so you stay drier.

- Minimize water absorption
- Inherent to the yarn
- Fluorine free/PFOA free*

Unlike other water-resistant fabrics, our product's capabilities are inherent to the yarn. Available in a full-range of textiles, Resist₂O uses C-Zero technology, is fast-drying at shake off, and pairs well with other UNIFI® technologies.

Produced in the **Americas**

Technology is **inherent** to the yarn

Works with Filament **polyester / nylon**

Suggested Industries

 APPAREL	 FOOTWEAR
 FURNISHINGS	 INDUSTRIAL

Variations available in:

-  REPREVE® (Recycled)
-  STANDARD (Virgin)

*PFOA-Free is defined as below 5ppb.

**Performance benefits and claims are based on fabric construction.



SMARTDYE®

Save energy and cycle time by using SmartDye® to dye your fiber and yarn.

- Conerves energy and reduces resultant greenhouse gas (GHG) emissions*
- Vibrant colors
- Comparable colorfastness

A proprietary technology, SmartDye, reduces the temperature and cycle time required to dye polyester yarn. This improves not only efficiency but energy usage by up to 30%.

Produced **Globally**

Technology is **inherent** to the yarn

Works with Filament and Staple **polyester**

Suggested Industries

 APPAREL	
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Variations available in:

-  REPREVE® (Recycled)
-  STANDARD (Virgin)

*Up to 30% reduction of energy consumption during dyeing cycle (based on UNIFI® package dyeing equipment). Determination of Wet & Dry Crock: AATCC 8. Determination of Wash Fastness: AATCC 61 - 2A. Determination of Fastness to Sublimation: AATCC 117. Determination of Light Fastness: AATCC 16 40 Hr Fade



SORBTEK®



Moisture-wicking performance fibers keep you cool, dry and comfortable.

- Superior moisture-management system
- Soil release properties
- Continuous performance for the lifetime of the product*

Our Sorbtek fiber and yarn catches moisture from the body, moves the moisture to the surface of the fabric, and releases the moisture into the air for cool, dry comfort. Pairs well with other UNIFI® technologies especially with A.M.Y.®

Produced **Globally**

Technology is **Inherent** to the yarn

Works with Filament, Spun, and Staple **polyester / nylon**

Suggested Industries

Variations available in:

- REPREVE® (Recycled)
- STANDARD (Virgin)

*Lifetime of product is considered to be 50 launderings.
**Determination of wicking: AATCC 197. Standard-15cm<30 minutes after three launderings. Determination of absorbency: AATCC Test Method 79. Determination of soil release: AATCC Test Method 130. Sorbtek's soil release function is dependent upon fabric constructions, finishing and soil types.



TRUEFFECTS



Exciting visual effects built into the fibers, for style that won't wear off or wash out.

- Dimensional effects through special yarn combinations
- Multiple options for intimate and striated appearance
- Create colorways through different dyeing techniques

TruEffects offers fiber solutions to give your fabric the aesthetic of a heather, slub or other patterns. By dyeing the yarn or fabric with cationic, disperse, and solution dyed effects, you get the dimensional look with a sustainable solution.

Produced **Globally**

Technology is **Inherent** to the yarn

Works with Filament and Staple **polyester / nylon**

Suggested Industries

Variations available in:

- REPREVE® (Recycled)
- STANDARD (Virgin)

*Performance benefits and claims are based on fabric construction.



WATERWISE™



Protects water resources while locking vibrant color into yarns.

- Conserves water and energy*
- Superior color uniformity across batches
- Custom colors available

The greener way to dye yarn by protecting water resources and lock-in solution dyed color. Waterwise reduces water and energy associated with conventional dyeing processes. By adding colorants to the polymer, colorfastness, stretch, bleach-resistance and UV-stability can be designed into the yarn.

Suggested Industries

Variations available in:

Produced **Globally**

Technology is **Inherent** to the yarn

Works with Filament and Staple **polyester / nylon**

Variations available in:



Offered As:

- UV LIGHTFAST
- BLEACH-RESISTANT

*Solution dyed yarn vs package dyed yarn: UNIFI Life Cycle Assessment completed and peer reviewed in 2019, according to ISO 14040 and ISO 14044. Solution dyed yarn vs piece dyed: Data prepared by UNIFI and a piece dyeing partner. Data not prepared to ISO standards nor peer reviewed.



XS CROSS-SECTION

A tunable-technology, offering a multitude of highly customizable properties.

- Tunable fabric performance
- Abrasion performance
- Enhanced moisture management

Unlike standard filaments, XS Cross-Section yarns contain modified cross-sections, adding bulk and surface area to fabric for increased coverage, moisture management and a tunable fabric weight.

Produced **Globally**

Technology is **Inherent** to the yarn

Works with Filament and Staple **polyester**



Suggested Industries



APPAREL



FOOTWEAR



FURNISHINGS



TRANSPORTATION

Variations available in:



*Performance benefits and claims are based on fabric construction.



INTEGR8™



Ultimate performance in every thread.

Enhanced softness meets maximum performance

- Enhanced Soft Hand
- Stretch without Spandex
- Moisture Management
- Evaporative Cooling
- UPF Performance
- Easy Care, Low Wrinkle
- 60-450D

Integr8 is the continuous filament solution for achieving a super soft, stretchy, spun-like hand with added performance features.*

Technology is **Inherent** in the yarn.

Suggested Industries



APPAREL



FOOTWEAR



FURNISHINGS

Variations available in:



Integr8™ and REPREVE® are trademarks of Unifi ®, Inc. in the US and other regions.

*Certain properties may be dependent on fabric construction



CICLO®



CiCLO® technology combined with REPREVE® sustainable products transforms synthetic fibers to behave like natural ones.

- Maintains durability and dyeability without compromising performance

Suggested Industries



APPAREL



FURNISHINGS



INDUSTRIAL



TRANSPORTATION

- Aligns with demand for durability and the reduction of microplastic pollution
- Can be combined with other UNIFI® performance technologies

CiCLO technology is a patented textile ingredient that allows polyester and nylon fibers that shed into the environment to biodegrade more like a natural fiber. * CiCLO chemistry is certified for use in sustainable textiles by OEKO-Tex® ECO PASSPORT. It is also REACH compliant, meeting EU standards to protect human health and the environment from harmful chemicals, and is non-toxic to marine and plant life.

Produced **globally**

Technology is **Inherent** to the yarn

Works with **filament and staple polyester / nylon**

Variations available in:

 REPREEVE® (Recycled)

 REPREEVE® Nylon (Recycled)

 STANDARD POLYESTER (Virgin)

CiCLO® and REPREEVE® are trademarks of Unifi ®, Inc. in the US and other regions.

*Certain properties may be dependent on fabric construction

Love customers. Solve problems.

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Explore more technologies

Many technologies can be combined. [Contact a UNIFI sales representative](#) for more information.

[Anti-odor](#) →

[Color](#) →

[Comfort](#) →

[Moisture](#) →

[Protection](#) →

[Stretch](#) →

[Temperature](#) →

[Back to Top ^](#)

OUR PRODUCTS

[Filament Yarn](#)

[Spun Yarn](#)

[Staple Fiber](#)

[Resin](#)

[rPET Flake](#)

[Our Industries: Global Solutions](#)

PERFORMANCE TECHNOLOGY

[Anti-Odor](#)

[Color](#)

[Comfort](#)

[Moisture](#)

[Protection](#)

[Stretch](#)

[Sustainable](#)

[Temperature](#)

SUSTAINABILITY

[REPREVE®](#)

[ESG](#)

[Our Approach](#)

ABOUT US

[Our Company](#)

[Solving How](#)

[Certifications](#)

[Leadership](#)

[Contact Us](#)

CAREERS

[Overview](#)

[Open Positions](#)

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