



# STORMTEC

---

TEXTILES FUTURE

WWW.  
YELL

# If, a filament yarn..

A continuous fiber



## Strength

- Slippery Appearance
- Hairless surface
- Cool feeling
- Dimensional Stability
- High pilling grade



## Weakness

- Less Spongy
- Plastic Hand feel
- Impermeability
- Easy to generate static electricity
- Hygroscopicity depends on fiber composition

# If, a spun yarn..

Fiber length from  
few to tens of mm



## Strength

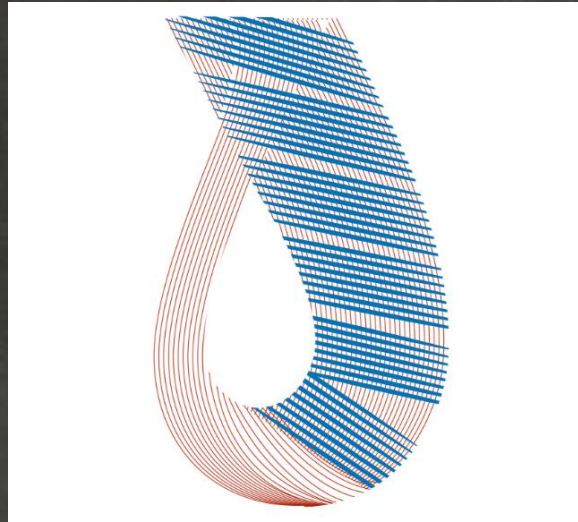
- Natural Hand feel
- Good moisture wicking
- Less static electricity
- Comfort to skin
- Vaper Permeability



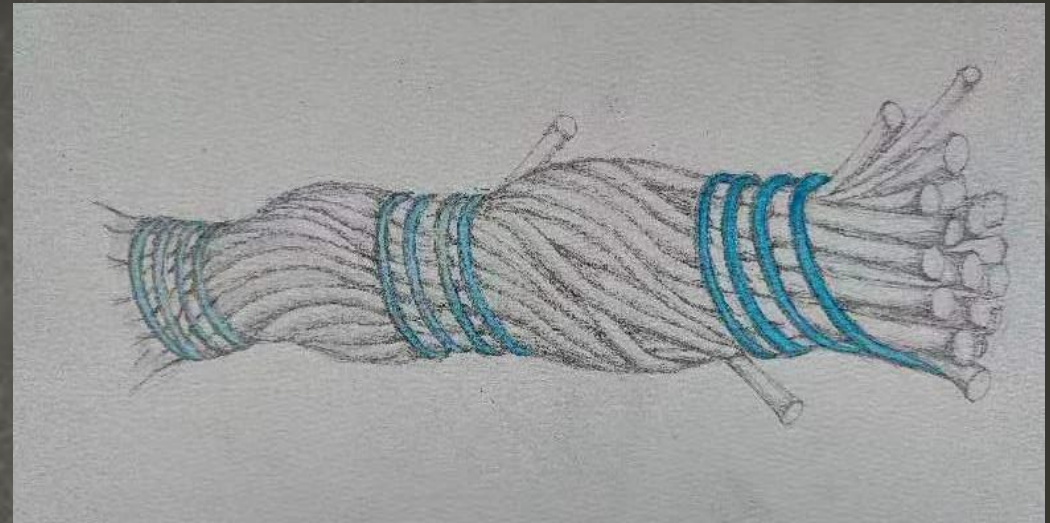
## Weakness

- Hairiness
- Low Pilling Grade
- No Durability
- Dimensionally unstable
- Easy to get stain

# When, Filament + Spun Yarn = **STORMTEC**



INTERTWINED THROUGH THE  
**KLEIN BOTTLE STRUCTURE**



A COMBINATION OF  
STRENGTH OF BOTH

# SMOOTH SURFACE

- Hairiness winded up by filament
- Filament can be Poly, Nylon
- Recycle material applicable

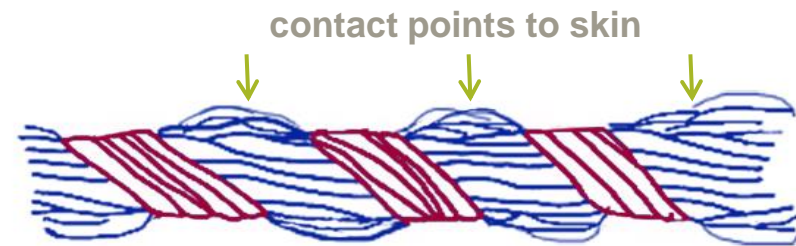


**Global  
Recycle  
Standard**





# DRESS COMFORT



**Lenzing**  
Innovative by nature

- Staple Yarn touches skin
- Can be Cotton, Cellulosic, Poly, Nylon, even Wool or Silk
- Natural hand feel with stability from filament

# PILLING & ABRASION COMPARISON

18000

20s

Cotton/Tencel  
50/50

35400

26s

Cotton 100%

38000

26s

**STORMTEC**  
Cotton/Tencel/Poly  
56/34/20

\*Rubs, ISO 12947-2:2016; Martindale Abrasion & Pilling Tester, Pressure: 95kPa

# MOISTURE MANAGEMENT

(1)

Article#CX00055

Cotton 55.5% Tencel 23.7% Polyester 23.8%

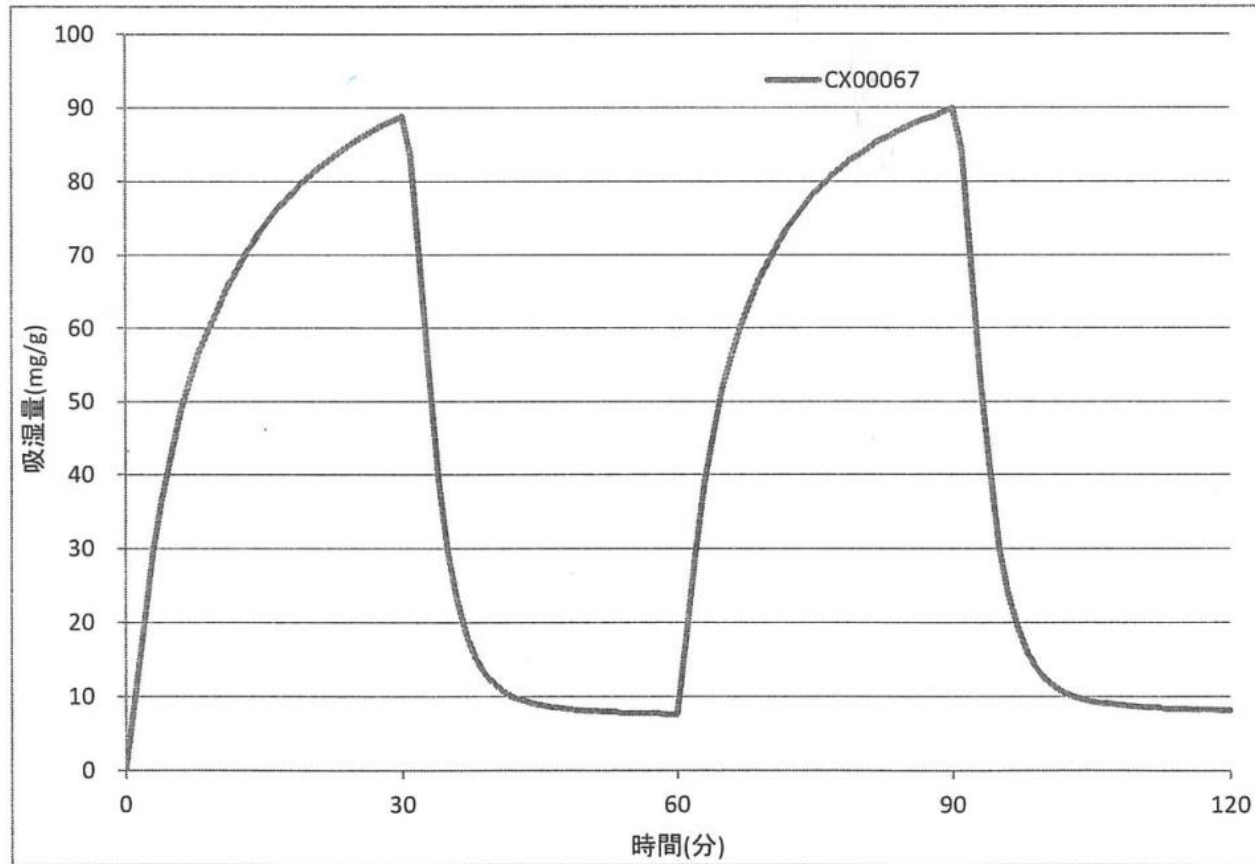
- Quick Dry Performance Test
- GB/T 21655.1-2008 Standard

Description	Unit	Measured	Standard	Result
Evaporation rate - Original	g/h	0.18	≥ 0.18	Pass
Evaporation rate - 5 x HL	g/h	0.19	≥ 0.18	Pass
Moisture Permeability - Original	g/(m <sup>2</sup> ·d)	10100	≥ 10000	Pass
Moisture Permeability – 5 x HL	g/(m <sup>2</sup> ·d)	10100	≥ 10000	Pass



# MOISTURE MANAGEMENT

(2)



Article#CX00067

Nylon 30% Tencel 35% Cotton 35%

- Absorbency: **89.9 mg/g**
- Moisture Permeability: **91.0%**



# MOISTURE MANAGEMENT

(3)

Article#CX00067

Nylon 30% Tencel 35% Cotton 35%

**0.26 J/(cm<sup>2</sup>·s)**

- Instant cool feeling
- GB/T 35263-2017 Standard
- $\geq 0.15$  J/(cm<sup>2</sup>·s)



Easy Care  
Wrinkle Free  
Packability

**STAY NEW**

\* To be tested and proved against brand's standard for performance claim.

# STORMTEC CONCIOUSNESS

every year **176500 TONS**  
synthetic microfibers discharged  
With Diameter **below  $\Phi 5\text{MM}$**

**STORMTEC helps** reducing  
microfibers peer-off by interwinding  
fibers with its innovated yarn spinning  
technology.

**AS WE CARE..**

