

# CHAIN REACTION

SENSIL®

2022

# DILIGENT



Consumers increasingly aware of their eco-footprint & climate change

Reducing waste – pre and post-consumer

Longevity – ‘Buy Better, Buy Less’

Inclusivity & Responsibility

Environmentally kind and human kinship



# PROGRESSIVE

Digitization is a saving grace as D2C and C2B create a new efficient supply chain

New retail models – socially active is essential to stay in the game

Brands and retailers with strong digital platforms and cloud supply chains reduce waste and excess inventory

Wearable technology printed on to Sensil® base fabrics to clean-cut fabrics, laser punchout and sonic stitching, all leading to a more efficient production



A young man with dark skin is shown from the waist up, wearing a blue baseball cap, a dark blue zip-up hoodie with yellow drawstrings, a light blue t-shirt underneath, and blue athletic pants. He is looking down and to his left, with his right hand near his chest. The background is a solid blue color.

# IDENTITY

Consumers are understanding the benefits of fitness– both physical and mental

During Covid, consumers reassessed their lifestyle values

With IDENTITY, the focus isn't just towards new activities that involve sportswear, it is about flexible products that have multiple end uses, adapting to different situations. A new urban lifestyle emerges...



# NILIT®

IS PROUD TO ANNOUNCE THE LAUNCH OF:

SENSIL®  
W A T E R C A R E

Infused with natural coloring agents during the extrusion stage, resource-intensive fabric or garment dyeing can be completely eliminated from the downstream finishing process.

The traditional textile wet dyeing process is notoriously inefficient, with little regard for water or energy consumption.

Eliminating this finishing process saves the water, energy, and chemicals required to dye plus the significant energy needed to dry. This water-conscious yarn is a considerate choice to conserve water and energy and create products that are as richly beautiful as they are responsible.

SENSIL®  
B I O C A R E

Sensil® BioCare is enhanced with a special technology that reduces the persistence of textile waste in oceans and landfills, decreasing the impact on the Earth's ecosystems. You can keep all the performance, style, quality, and comfort of your favorite designs but enjoy them more by making a conscious choice.

## SUSTAINABLE, PERFORMANCE AND WELL-BEING FIBERS

# SENSIL®

A Q U A R I U S

Next generation moisture management with superior hydrophilic properties result in fabric that transports moisture away from the skin, through the garment, and into the air.

Being a Nylon 6.6, it's naturally more odor-resistant than other man-made fibers, resulting in a garment that you can keep wearing with confidence after physical activity.

# SENSIL®

B O D Y F R E S H

Sensil® BodyFresh is designed to offer protection and a sense of well-being through a special additive embedded in the microfiber yarn that prevents the growth of bacteria and reduces viral activity. The product results in a soft fabric with long-lasting properties that don't wash out and don't pollute water.

# SENSIL®

H E A T

Superior thermo-insulation provides the natural warming insulation of a cup of espresso on a cold day.

The environmentally-friendly coffee bean shell residue ingredient in the nylon holds body heat while absorbing and managing moisture and neutralizing odors.

# SENSIL®

B R E E Z E

Like a breath of fresh air, the soft feel, cooling touch cools and refreshes when the heat is on.

Its unique ingredients and properties allow for the rapid transfer of heat away from the body for optimal physical performance.

Its ultra-soft hand, light weight and superior drape give the well-being that comes from feeling cool, dry and comfortable.

# SENSIL®

I N N E R G Y

Invigorating, toning and performance-enhancing, this far-infrared yarn is made with a natural mineral permanently embedded in the nylon.

Fabrics reflect back the naturally occurring thermo-energy emitted by the body which invigorates cells, enhances muscle elasticity and improves skin appearance.

# SENSIL®

E C O C A R E

Recycled Nylon 6.6 with deep, uniform color. Made of post-industrial waste that reduces overall energy and water consumption in production cycle.

# REALIST

**SENSIL® PERFORMANCE**

**B O D Y F R E S H**

**W A T E R C A R E**

**B R E E Z E**

**H E A T**

SENSUALITY



SPORT STYLE



CLASSICS



SMART CASUAL



**SPRING/SUMMER COLOR ACCENTS**

16-0323 TPX

16-0616 TPX

19-1557 TPX

**FALL/WINTER COLOR ACCENTS**

17-4919 TPX

17-1505 TPX

19-4342 TPX

Keeping it **real and grounded** defines the direction.

Textile developments in this sector take on a **traditional direction**.

The longevity of apparel made from premium Sensil® fabrics **reduce over-consumption**, a problem in the past.

**Sensational touch** to new generation basics.

Very much 'it is was it is' direction with **sustainable practices** and durability expected by the consumer.



# SENSUALITY

## 2022

Lingerie – Sensuality, sustainability, and style feature, as Sensil® performance and fashion yarns elevate the intimate apparel sector.

B O D Y F R E S H  
H E A T  
B R E E Z E  
S U P E R M I C R O F I B E R



Sensil® **#SensuousTouch**  
and lustre with built-in  
performance from  
Sensil® BodyFresh



Sensil® Breeze and  
spandex circular knit  
**#Cooling**



Sensil® Body Fresh/  
cotton/spandex  
lightweight  
**#CircularKnit**

**#HighCompression**

Dominnico



Only  
Hearts

**#Bodypositive #Inclusivity**



Proclaim



CUUP

**#Comfort**, plus a  
soothing feel against  
the skin



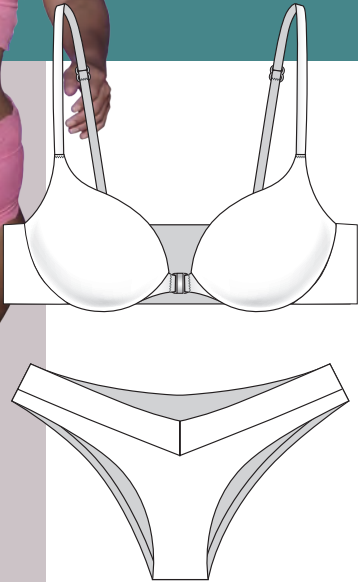
### HIGHLIGHTS

- Fine gauge circular knits
- Sensual and silky touch
- Clean cut
- Molded cups

**#Plus-size**  
is really  
important, a  
new confidence  
is emerging  
amongst  
consumers



ETAM





# SPORTS STYLE

Comfort is the new luxury, as consumers look for multi-functionality, not just in Sensil® fabrics but also in the diversity of garment design.

## 2022

W A T E R C A R E  
B I O C A R E  
B R E E Z E

Sensil® Watercare  
#DobbyWeave

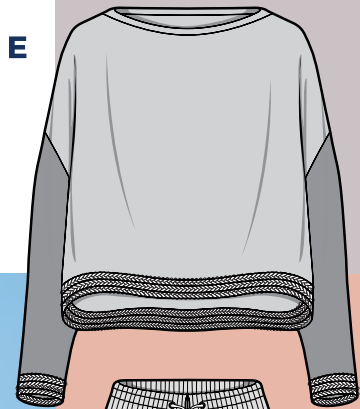
#SensualMesh and  
pique, in a matte  
touch, plus double  
knits for a hint of  
#Volume

Sensil® #Punch-out and  
mesh for ventilation  
and sports style

Sensil® #High-luster  
plus performance in  
lightweight rippled  
woven

Custo  
Barcelona

Birger  
Christensen



### HIGHLIGHTS

- Matte double knits
- Silky performance wovens
- Lightweight performance
- Multi-functional in design



# CLASSIC STYLE

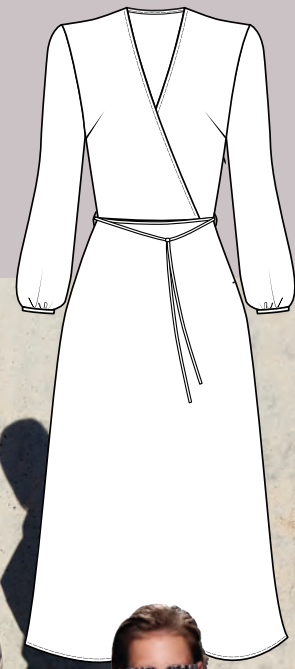
A traditional and minimalistic approach to ready-to-wear appeals, this time around with built-performance from Sensil®.

## 2022

E C O C A R E

H E A T

W A T E R C A R E



#Soothing fluid jersey from Sensil® with a matte hand

Sensil® Watercare #Soft and #Fluid plain weave

Lightweight twill in #ClassicTones with Sensil® delivering lightweight performance



#Urban styling is strong. Use Sensil® WaterCare with consciously sourced cotton for classic lightweight twills and denim

### HIGHLIGHTS

- Classic wovens
- Lightweight twill
- Gabardine
- Jersey



# SMART CASUAL

## 2022

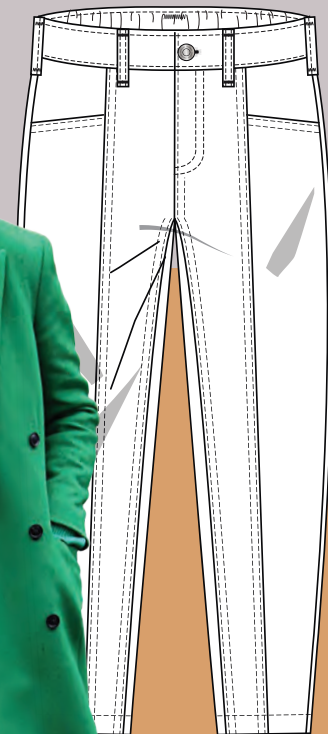
Dress it up or dress it down, this relaxed mood continues the change in classic tailoring, as a softer approach is taken.

W A T E R C A R E  
H E A T  
B R E E Z E  
D I A M O N D

Sensil® Heat/cotton chambray  
#SensualTouch and  
#Lightweight warmth

#Denim-look circular knit  
- lightweight performance  
from Sensil®

#Cross-hatch  
wovens for  
two-tone effect



#PerformanceDenim  
is hot – a blend of  
cotton and Sensil® Heat  
for an authentic look,  
lightweight denim

The men's sector is becoming  
more #adventurous in terms of  
color and fabric - lightweight  
performance features from Sensil®

### HIGHLIGHTS

- Matte
- Performance Denim
- Laminated finishes
- Compact structures

Pedro del Hierro

Mans

Christian Simmon

# SENSIL®

## STYLING

Fashion yarns of Sensil® premium Nylon 6.6 from NILIT give designers almost limitless possibilities in the areas of coloration, luster, and soft, luxurious touch.

### DIAMOND

DIAMOND fashion yarns give a unique shimmery effect that facilitates rich design options for unique and fashionable garments. Available in natural, which is dyeable at the fabric or garment stage into colorways of your choice, or our popular dope-dyed Black version.

### BRITEX

BRITEX is a unique, versatile yarn that can be knitted with or without spandex to add shine, glamor and brightness to almost any fabric.

### EVERSHEER

EVERSHEER fiber stretches the limits of nylon 6.6 to deliver the perfect lightweight, sheer and resilient yarn for pantyhose.

### COLORWISE

COLORWISE delivers perfect multi-color contrasts, enabling fabrics with varied designs and patterns.

### ATS

ATS (short for Air Textured Soft) special air jet texturing technology infuses nylon 6.6 yarns with light, airy softness.

### ULTRA-FINE FILAMENT YARNS

Our growing range of super soft, extra-fine filament yarns have among the lowest dpf (denier or decitex per filament) in the market. Distinguishable by their buttery soft, luscious hand and lightweight, luxurious drape, they represent the future of next-to-body fabrication and a new standard in tactile aesthetics.

### DUELLE

DUELLE is a specialty yarn made of Colorwise & Pastelle yarns that is perfect for stripes, jacquards and fashionable patterns.

### PASTELLE

PASTELLE is perfect for multi-colored pastel fabrics with varied designs and patterns, created by knitting it together with COLORWISE or other nylon 6.6 yarns.

### ARAFELLE

ARAFELLE is a textured yarn that creates soft mélange effects and infuses fabrics with a natural, cotton-like feel and appearance used for textured fabrics.

### DUOMIX

DUOMIX saturates mélange with unique hue effects by combining NILIT nylon 6.6 fibers with easy-dye cationic polyester fibers.

### TRIOMIX

TRIOMIX combines three fibers creating an optimal heather effect with real fashion appeal.

## LICENSED YARNS

### TACTEL

TACTEL® fibers are offered in a diverse range of lusters, cross-sections and color effects for fashion-function apparel.

### CORDURA

CORDURA® fabrics are abrasion-resistant and offer all the benefits of lightweight fabrics, with exceptional durability.

### SUPPLEX

SUPPLEX® fabrics combine the advantages of high-tech fibers and the natural beauty of cotton, creating garments that stay soft even after they are worn repeatedly.

### CERTIFIED SUPPLEX UPF

Certified SUPPLEX® UPF fabrics offer a high level of built-in UV protection—SPF 40 and higher depending on the fabric and fabric construction.

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# SENSIL®



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**NILIT®**