(852) 2212 8128

FLAT A-C, G/F., STAGE 1, MERCANTILE IND. & WAREHOUSE BLDG.,
16-24 TA CHUEN PING STREET, KWAI CHUNG, N.T., HONG KONG.

sunhing@shltd.com

Scan for more information

STEP 2

ENHANCE FUNCTIONAL PERFORMANCE

- DEODORIZING
- COOLING
- MOISTURE MANAGEMENT
- FAR INFRARED
- THERMOREGULATING
- MULTI-FUNCTION

STEP 2 : ENHANCE FUNCTIONAL PERFORMANCE

DEODORIZING

COOLING

MOISTURE MANAGEMENT

FAR INFRARED

THERMOREGULATING

MULTI FUNCTIONAL

DEODORIZING

DEODORIZING

Acetic Acid

Ammonia

Sweat Odor

Isovaleric Acid

Nonenal

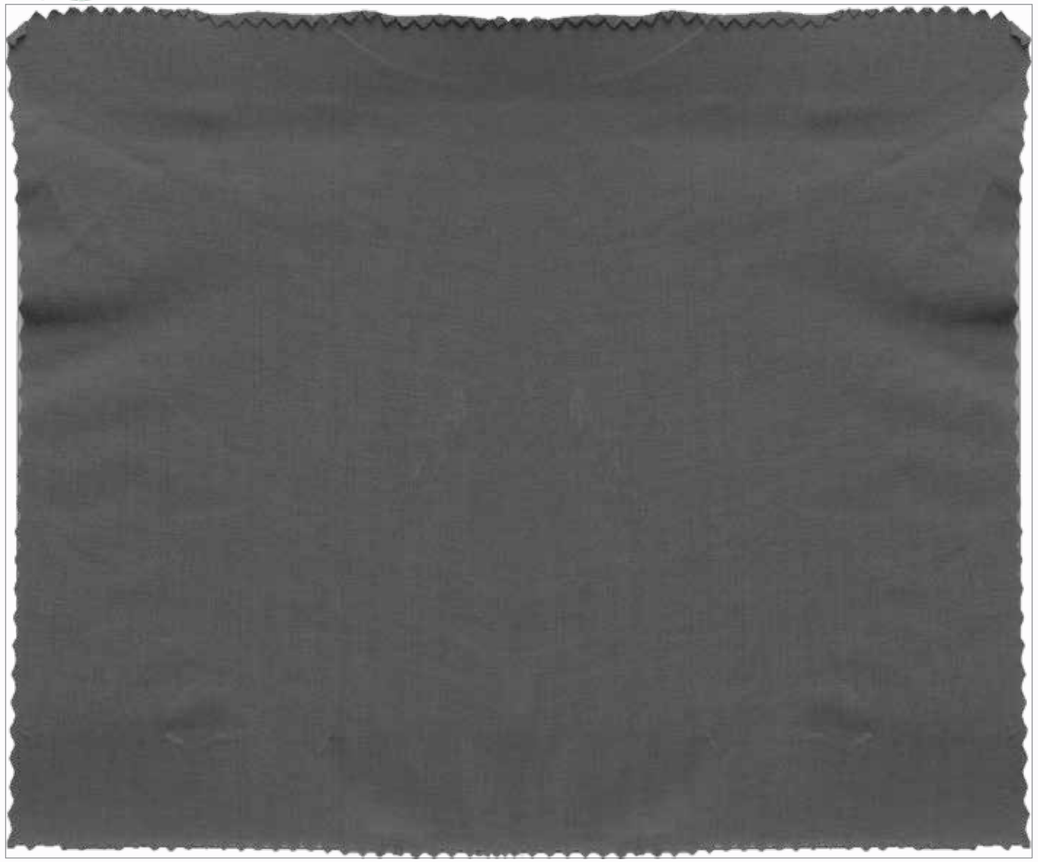
Senior Odor

Odor-reducing | *Permanent Function* | *Soft Handfeel*

STAY FRESH ALL DAY LONG

Fall in love with the unbeatable second-skin feeling. It is an incomparable feeling of freshness, lightness and flexibility all days long. Wear it and love it.

DEODORIZING



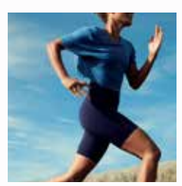
SH-13862(SS)T(J)(M)

46% Nylon(Tactel) 42% Supima Cotton 12% Elastane 66″ X 135 gsm

"Stay fresh all day long"

Higher deodorizing effect
Isovaleric Acid, Acetic Acid, Ammonia, Nonenal

Longer lasting fresh effect
Comfortable fit & shape retention



Can Apply
creora® Fresh Hangtag

- Deodorizing
- Moisture Management
- Breathable (Airy & Fresh)
- 42% Biodegradable

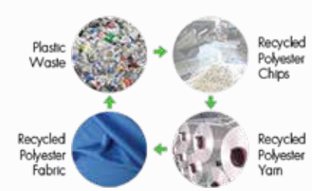
DEODORIZING

SH-15535(SG)(J)(M)(L)-1

87% Recycled Polyester 13% Elastane 61″ X 170 gsm

Can Apply
creora® Fresh Hangtag

RECYCLED POLYESTER



- Deodorizing
- Moisture Wicking
- Eco-friendly (Recycled Polyester)

DEODORIZING

SR-13873(TK)W(J)(M)

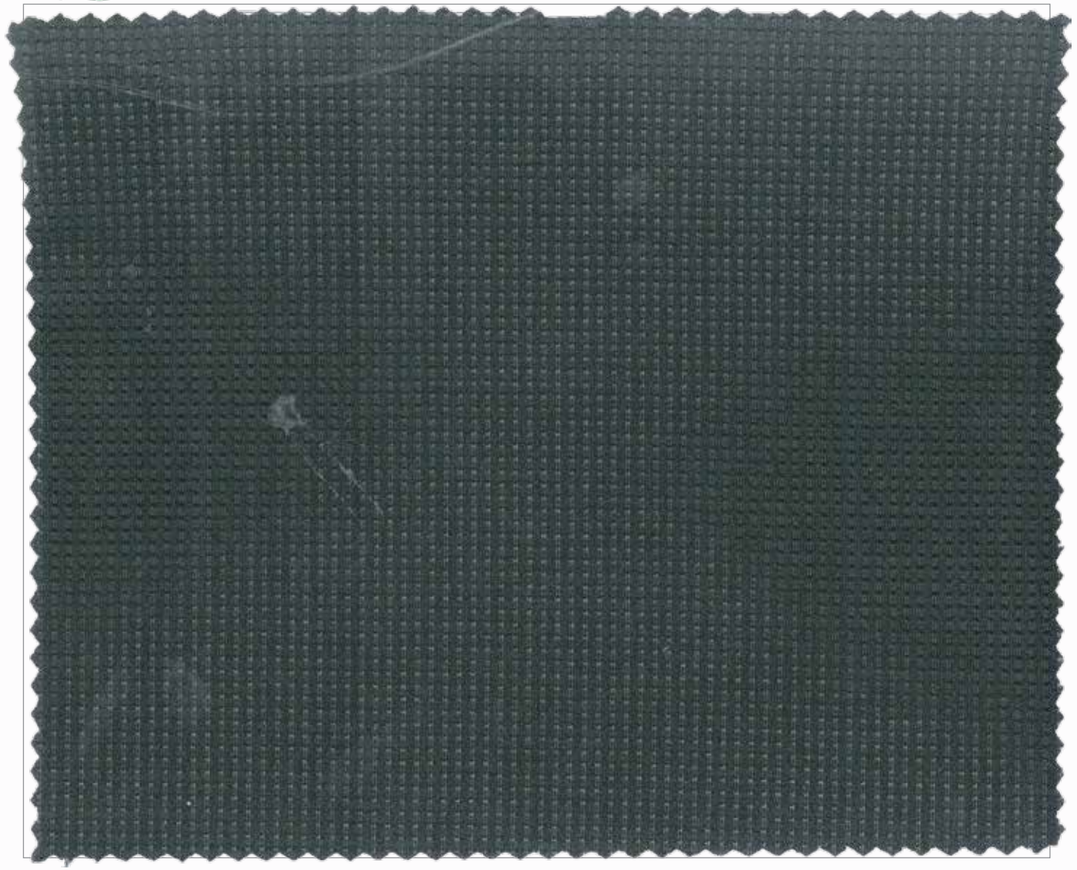
46% Nylon 54% Elastane

42″ X 190 gsm

Can Apply
creora® Fresh Hangtag

- Deodorizing
- Moisture Wicking
- No Curling No Fraying
- High Support

DEODORIZING



SJ-14320U(J)(M)

94% Nylon 6% Elastane

47″ X 145 gsm

Can Apply
creora® Fresh Hangtag

Jacquard Construction
maximize fabric
Air Permeability

featuring Garment
Super wearing comfortability

- Deodorizing
- Moisture Wicking
- Breathable

DEODORIZING

creora Fresh

SJ-15504(SG)W(CS)(J)TU

59% 60S Micro Modal Air 27% Nylon 14% Elastane 61″ X 210 gsm

Lenzing Tencel

Micro Modal AIR Fiber

Can Apply
creora® Fresh Hangtag

51% Biodegradable

Natural Fiber

Deodorizing

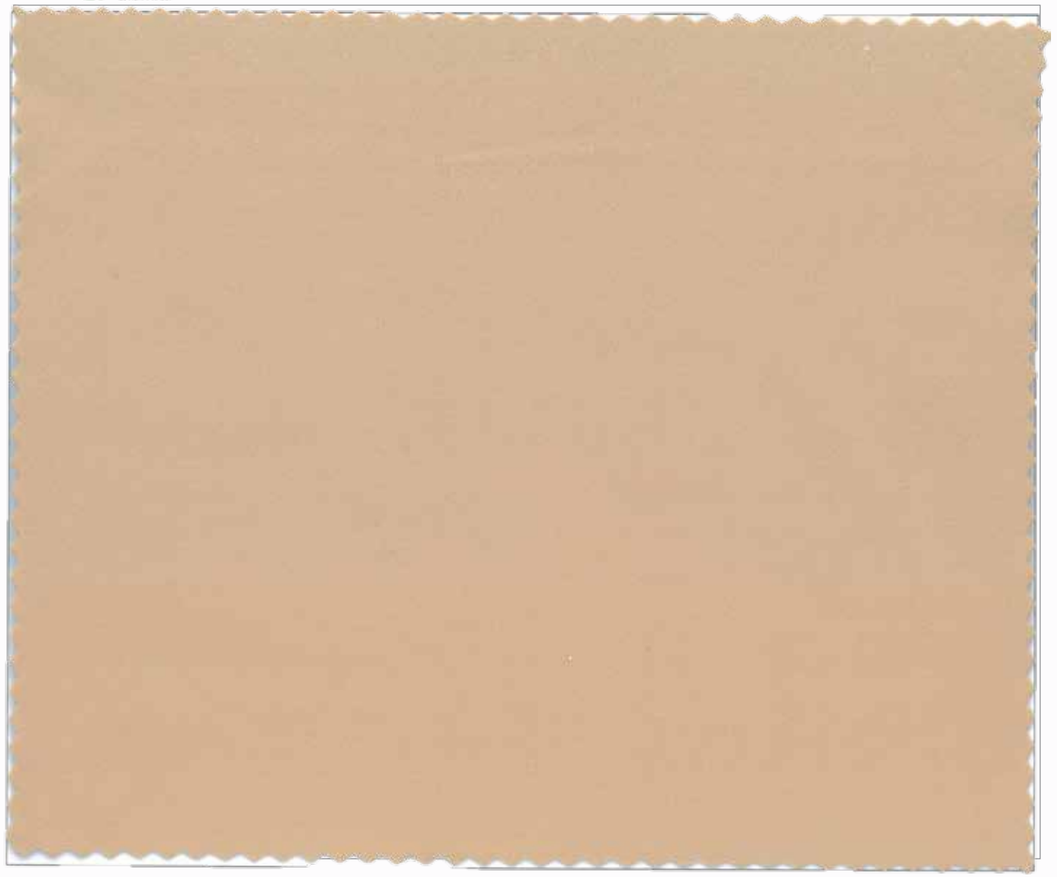
Moisture Wicking

Enhanced Breathability

Long-lasting Softness

DEODORIZING

ROICA CF

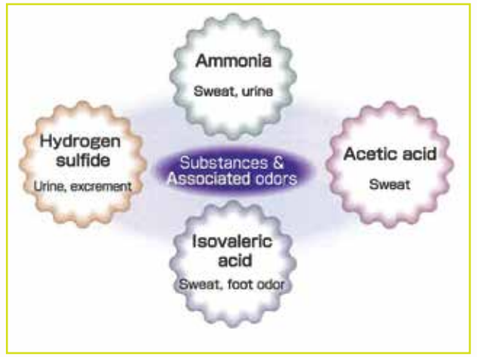


SR-13920(TG)W(J)

77% Polyester 23% Elastane 54″ X 210 gsm

Clean, Fresh, Comfort and assurance

Roica™ CF combines the performance and quality of other Roica™ products woth effective, ionic adsorption of odor-causing sustances from perspiration, in innerwear, footwear and other apparel, for clean, confident comfort on the part of wearer.



Deodorizing

Relaxed Support

DEODORIZING

ROICA CF

FRESH PLUS+

SR-13893(TK)W(J)(M)

58% Nylon 42% Elastane 54″ X 120 gsm

SR-13895(TK)W(J)(M)

50% Nylon 50% Elastane 42″ X 190 gsm

DEODORIZING

FRESH PLUS+ E50 Deodorizing Fabric

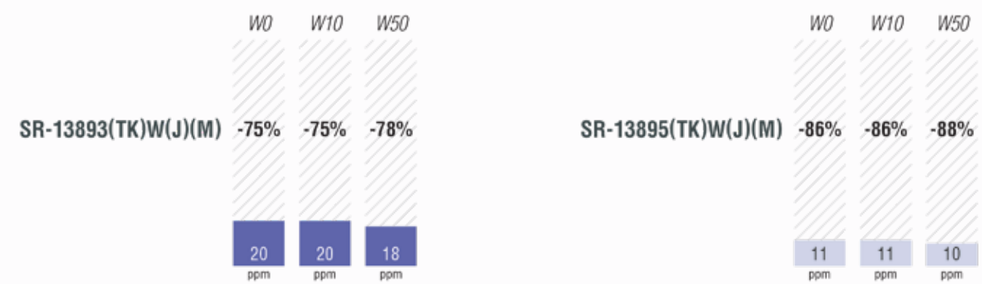
The gear keeps you moving fresh all day around

- Deodorizing
- Moisture Management
- Quick Drying
- Clean Cut
- UV-protection

Ammonia Reduced Rate Test

Condition

Gas type : Ammonia 亞摩尼亞
Gas amount : 3L (Gas bag 5L)
Initial concentration : 100ppm
No. of washing : W = 0 (Before wash 未經洗水), 10, 50
Sample amount : 10 x 10cm



*The average absorption rate of ammonia before and after washing is more than 70%, which **passes** the deodorant tests.*

Absorbency, Wicking & Drying Ability Test

	General Market Requirement	SR-13893(TK)W(J)(M)	SR-13895(TK)W(J)(M)
Absorbency of Textiles (AATCC 79)	< 5 sec	1.9 sec	1.1 sec
Wicking Test (JIS 1907, Section 7.1.2, Vertical Wicking 30 mins.)	> 80 mm	V 172 mm, H 158 mm	V 164 mm, H 174 mm
Quick Drying Performance (JIS L 1907, Modified)	≦ 60 mins	20 mins	25 mins

* Remark:
The above tests are for reference only.
Test results may vary from third party test as the standard and method may not be the same.

COOLING

AquaX

"the multi-functional nylon yarn"

- Cooling Effect
- Excellent UV Protection
- Opacity (Non see through) in White Color
- Quick Absorption & Fast Drying

Can Apply MIPAN Aqua-X

Cooling Effect

Moisture Management

Quick Dry & Fast Absorption

UV-protection

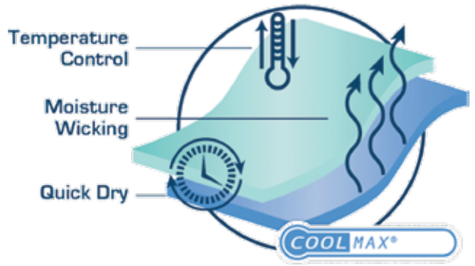
COOLMAX®

BODY HUMIDITY
Great control of skin temperature and body hydration !

FRESH & DRY
Keeping the body drier and fresher !

COMFORTABLE
Natural touch, light & airy !

EASY CARE
Machine Washable !



Can Apply COOLMAX®

COOLING

SH-14778(SF)W(M)

80% Nylon (Aqua-x) 20% Elastane 65″ X 105 gsm

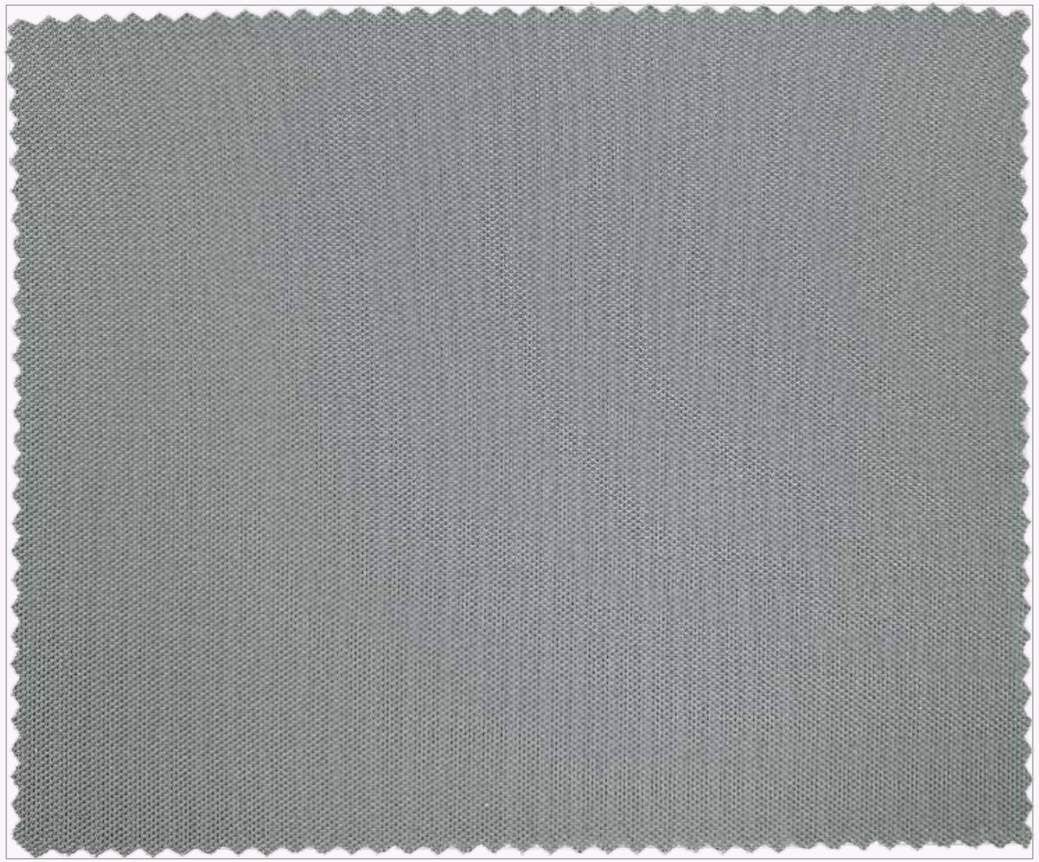
"the multi-functional nylon yarn"

- Cooling Effect
- Excellent UV Protection
- Quick Absorption & Fast Drying

Can Apply MIPAN Aqua-X

- Cooling Effect
- Moisture Management
- Quick Dry & Fast Absorption
- UV-protection

COOLING



CK-6723(M)

94% Polyester (Coolmax) 6% Elastane 81″ X 160 gsm

BODY HUMIDITY
Great control of skin temperature and body hydration !

FRESH & DRY
Keeping the body drier and fresher !

COMFORTABLE
Natural touch, light & airy !

EASY CARE
Machine Washable !

Can Apply COOLMAX®

- Temperature Control
- Moisture Management
- Quick Drying
- Breathable (Mesh-like)

COOLING

SJ-9125

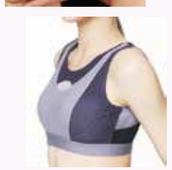
80% Polyester (Coolmax) 6% Polyester 14% Elastane 55″ X 180 gsm

BODY HUMIDITY
Great control of skin temperature and body hydration !

FRESH & DRY
Keeping the body drier and fresher !

COMFORTABLE
Natural touch, light & airy !

EASY CARE
Machine Washable !



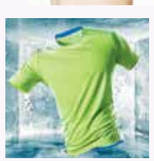
Temperature Control

Moisture Management

Quick Drying

Breathable (Mesh-like)

Can Apply COOLMAX®



MOISTURE MANAGEMENT

MOISTURE MANAGEMENT

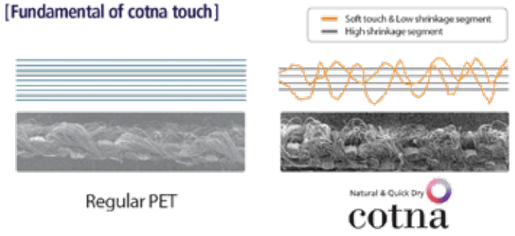
Natural & Quick Dry cotna YARN

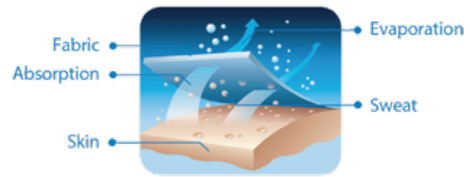
"Natural Touch Polyester with good pilling resistance"

Can Apply cotna Hangtag

Value
Natural Touch
Soft & Comfortable Touch
Good Pilling
Moisture Management
Good Shape Stability

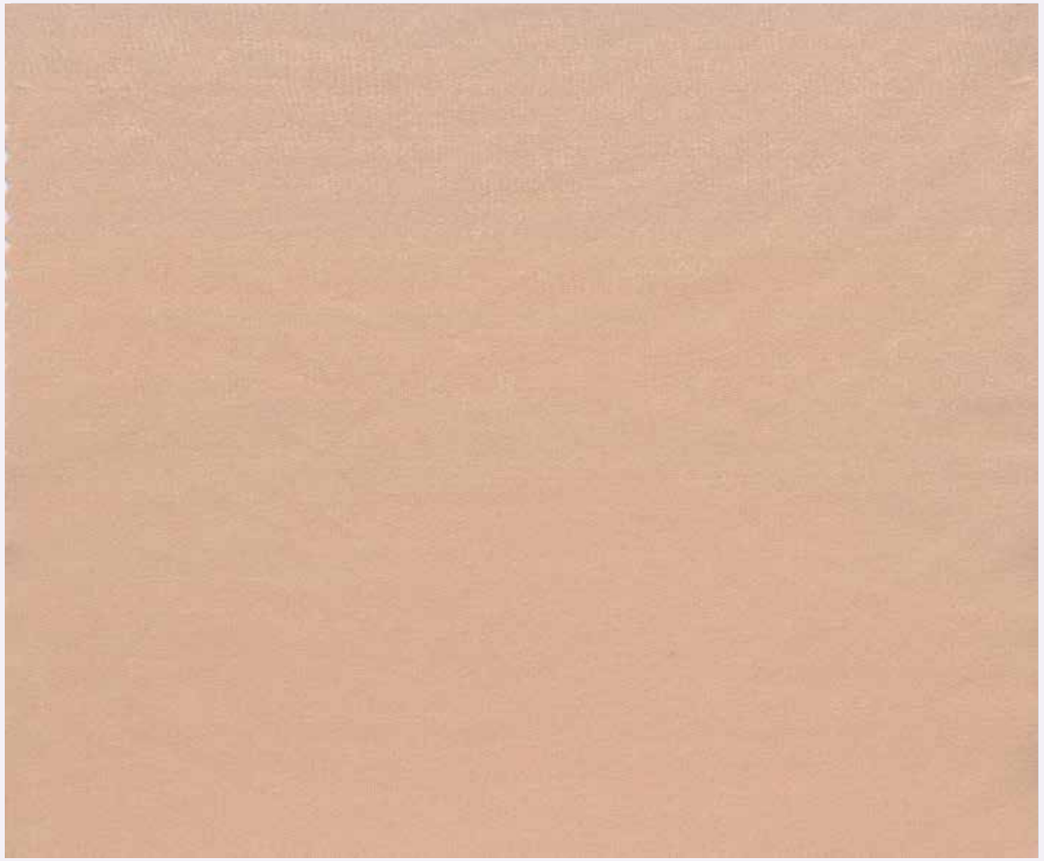
[Fundamental of cotna touch]





Absorption, Diffusion, Evaporation System

MOISTURE MANAGEMENT



SH-13610GW(M)

88% Polyester (Cotna) 12% Elastane 54″ X 155 gsm

Having Both Natural Touch of Cotton
Practical Features of Synthetic Fabric

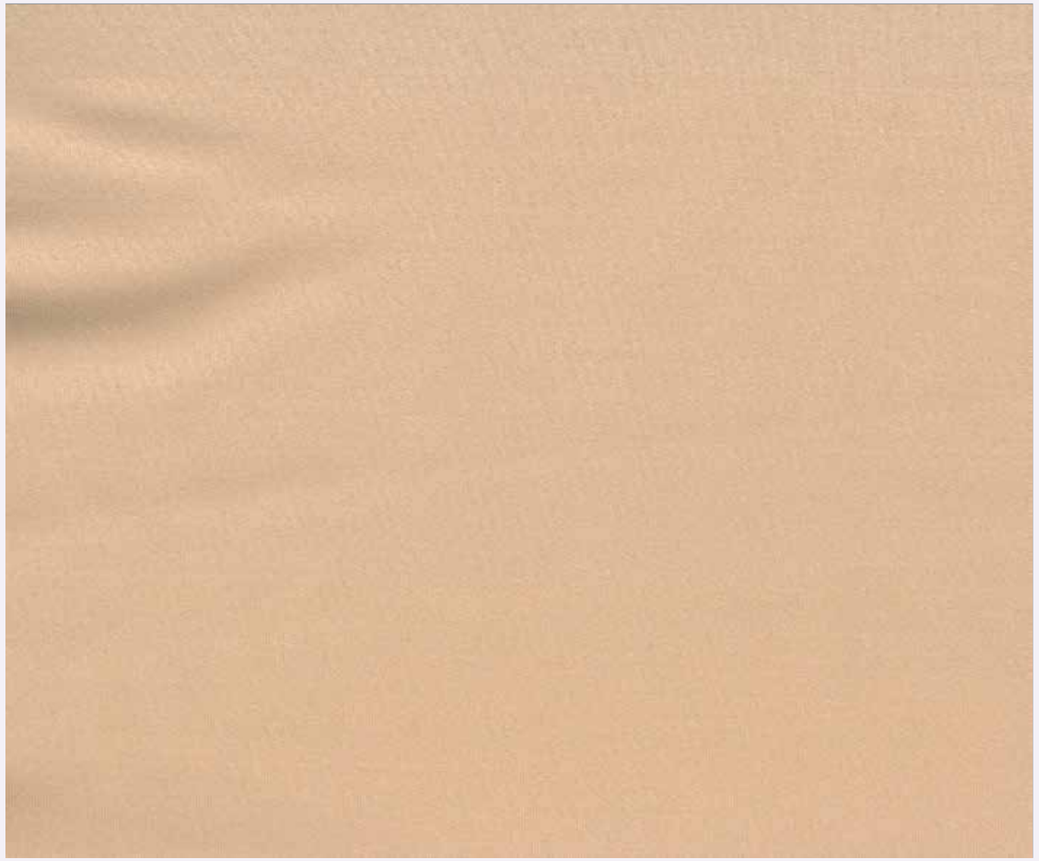
Natural Touch

Moisture Management

Good Pilling

Can Apply cotna / creora® PowerFit Hangtag

MOISTURE MANAGEMENT



SH-15820G(M)

77% Polyester (Cotna) 23% Elastane 61″ X 250 gsm

Having Both Natural Touch of Cotton
Practical Features of Synthetic Fabric

Natural Touch

Moisture Management

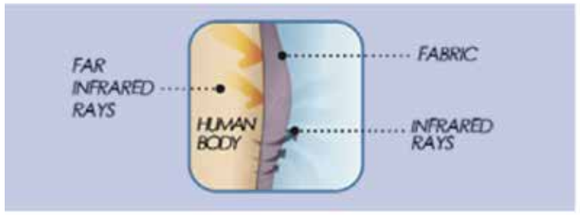
Good Pilling

Can Apply cotna / creora® PowerFit Hangtag

FAR INFRARED

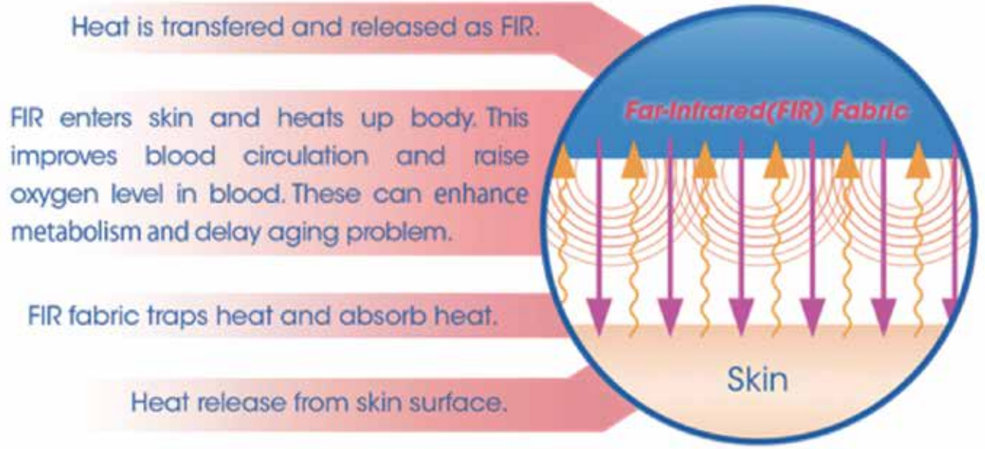
Far Infrared

The Innovation of Health Care Textile



Featherlight

Stay Warm

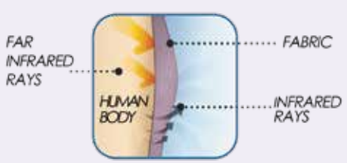


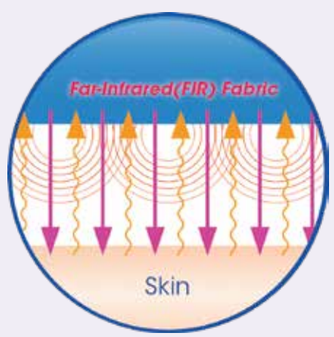
FAR INFRARED

FAR INFRARED

SH-15708(SF)

71% Nylon (FIR) 29% Elastane 58″ X 85 gsm



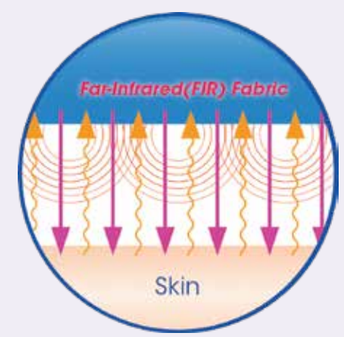


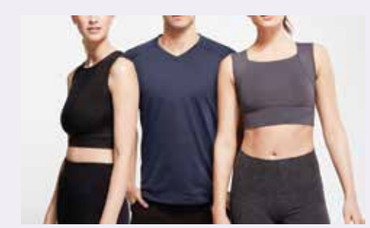
- Lightweight
- Stay Warm
- Clean Cut

FAR INFRARED

SR-15789(TF)

72% Nylon (FIR) 28% Elastane 56″ X 150 gsm





- Far-infrared Emission
- Stay Warm
- Clean Cut

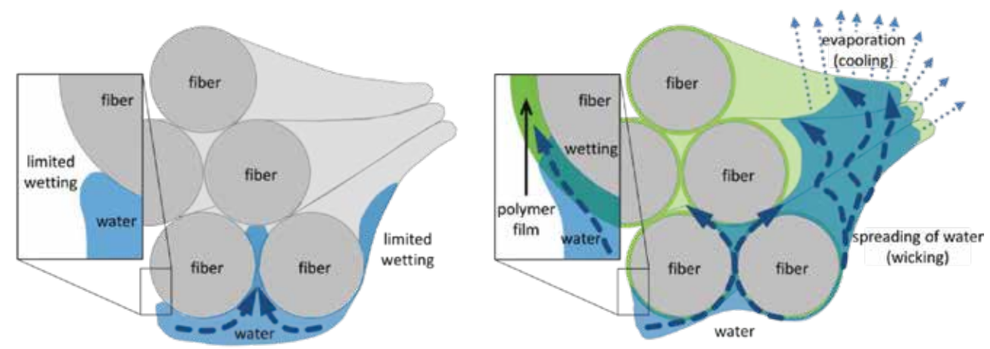
THERMOREGULATING

THERMOREGULATING

HeiQ Adaptive AC-06

Is used to bring enhanced thermal comfort to textiles. Specifically designed **for skin-contact fabrics**. It provides cotton and synthetic fabrics with **enhanced thermal comfort** and **keeps moisture from accumulating between fabric and the skin**.

Based on a novel hydrofunctional polymer that responds to the surrounding conditions. The polymer captures and distributes moisture in a film surrounding each fiber enabling improved evaporation (cooling) when needed . The polymer is secured to the surface of the textile giving a durable effect.



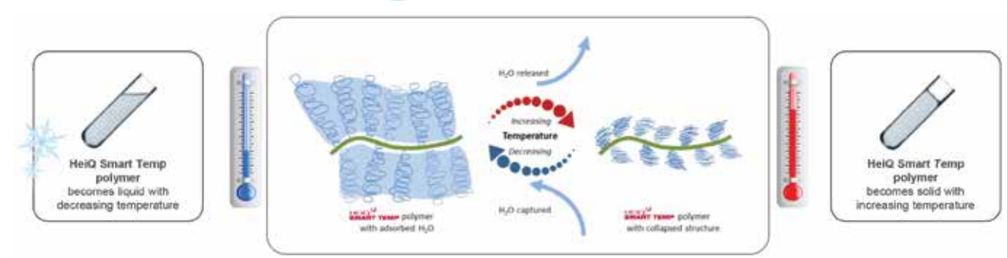
Normal yarn bundle in contact with moisture

Yarn bundle treated with Adaptive AC in contact with moisture

Cool & Comfort

Quick Drying

Intelligent Moisture Management



THERMOREGULATING

SR-13786(TK)W(TC)-2

61% Nylon 39% Elastane

57″ X 120 gsm

Pre-eminent Clean Cut Edges
+
Bonding Technology
+
Double-layer Fabric
(provide a High Support & Compression)
=
INVISIBLE & MAXIMUM COMFORT
(FEEL LIKE YOUR SECOND SKIN)

Lightweight

Cool & Comfort

Clean Cut

Quick Drying

360° STRETCH

ONE SIZE FIT MOST

Intelligent Moisture Management

UV-protection (UPF 40+)

THERMOREGULATING

SR-13786(TK)W(TC)-2

61% Nylon 39% Elastane

57″ X 120 gsm

Cool & Comfort

Quick Drying

Intelligent Moisture Management

HeiQ Testing Services

Report: LS19-01864

Date: October 29, 2019

Samples, finishing process and textile information

Sample number	Sample description
1	Sk19015062; AC-06 4%
2	Sk19015063; AC-06 4%
3	Sk19034255; AC-06 4%
4	Sk19034256; AC-06 4%
5	Sk19034257; AC-06 4%

Recipe	Sample number				
Product	1	2	3	4	5
Adaptive AC-06 [%]	4	4	4	4	4
Parameters	1	2	3	4	5
Pick-up [%]	40	40	40	40	40
Drying Temp. [°C]	150	150	150	150	150
Drying Time [s]	50	50	50	50	50
Curing Air Temp. [°C]	-	-	-	-	-
Curing Time [s]	-	-	-	-	-
Substrates	1	2	3	4	5
Polyamid [%]	61	61	61	61	61
Elastane (Polyurethane) [%]	39	39	39	39	39
Textile information	1	2	3	4	5
Weight [g/m2]	-	-	-	-	-
Construction	CKN	CKN	CKN	CKN	CKN
Structure	-	-	-	-	-

Legend:

Construction process	Textile structure
CKN = Circular Knit	

HeiQ Materials AG, Rütistrasse 12, 8952 Schlieren, Switzerland, Phone: +41 56 250 68 50 p. 2/3

HeiQ Testing Services

Report: LS19-01864

Date: October 29, 2019

Wearer Comfort Testing

Recipe	Sample number				
Product	1	2	3	4	5
Adaptive AC-06 [%]	4	4	4	4	4
ISO 6330 parameters	1-1	2-1	3-1	4-1	5-1
Wash cycles 4G	3	3	3	3	3
Drying conditions	A	A	A	A	A
AATCC 079: Water drop test					
Sub-Samples	1-1	2-1	3-1	4-1	5-1
Test target drop test [s]	-	-	-	-	-
Average drop test [s]	0.0	0.0	0.0	0.0	0.0
Std Dev drop test [s]	0.0	0.0	0.0	0.0	0.0
HeiQ Dynamic Evaporation (standard)					
Sub-Samples	1-1	2-1	3-1	4-1	5-1
Evaporation difference T high [mg]	1142	1068	1053	1178	1166
Evaporation difference T low [mg]	356	329	349	370	379
Normalized performance metric (P) [%]	414.2	352.1	324.6	445.2	425.6
Test target Normalized Performance [%]	-	-	-	-	-
M&S P136B: Vertical wicking test (length & width)					
Sub-Samples	1-1	2-1	3-1	4-1	5-1
Test target Wicking [mm]	-	-	-	-	-
Average Length [mm]	118	105	112	112	107
Average Width [mm]	85	80	83	78	73

- End of Report -

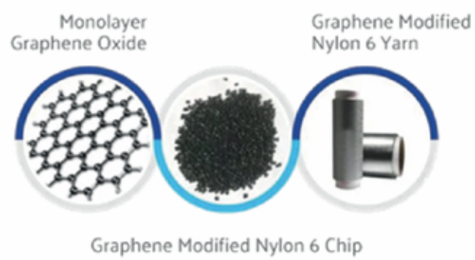
HeiQ Materials AG, Rütistrasse 12, 8952 Schlieren, Switzerland, Phone: +41 56 250 68 50 p. 3/3

MULTI-FUNCTIONAL

The NEW Functional textiles will bring enhanced comfort, wellness and performance

MULTI-FUNCTIONAL

Nylon 6 – Graphene Modified



Fine-denier soft skin-friendly graphene modified nylon 6 yarn products are produced by in-situ polymerization process.

Thanks to the in-situ polymerization process, the graphene and the matrix are firmly combined, uniformly dispersed thus ensuring high product quality.

Skin-friendly
Graphene has no cytotoxicity and is more suitable for direct contact with human skin.

Far-infrared Emission

Anti-bacterial

Negative Ion Emission

UV-protection

Anti-mite

MULTI-FUNCTIONAL

SH-15493FW

83% Nylon 6 - Graphene Modified 17% Elastane 60″ X 125 gsm

Skin-friendly

Far-infrared Emission

Anti-bacterial

Negative Ion Emission

Anti-mite

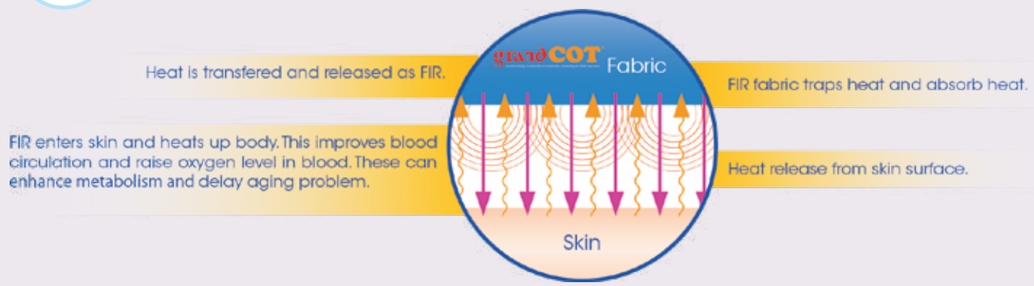
UV-protection

MULTI-FUNCTIONAL

grandCOT

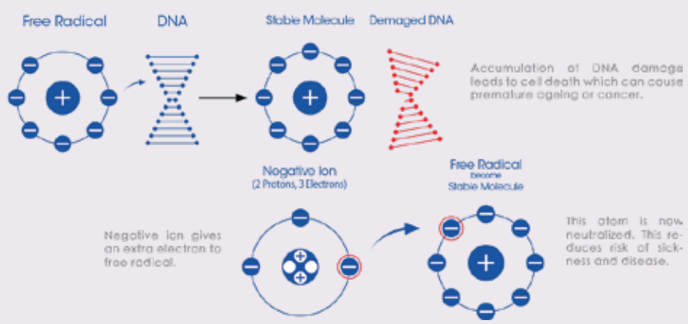
Grand technology in textiles derives Comfortable, Outstanding and Tender experience.

Far-infrared Emission



Negative Ion Emission

Body age when body cells accumulate free radical damage over time through natural human physiological process and the environment. Stress, smoking, alcohol or air pollutants may be the cause of free radicals. Negative ions helps to balance and prevent oxidation by neutralising free radicals in our cells. As a result, cells are revitalised and immunity are strengthened.



Anti-bacterial

grandCOT multifunctional yarn can inhibit bacterial growth , reduce possibility of bacterial infection and the unpleasant smell caused by it.

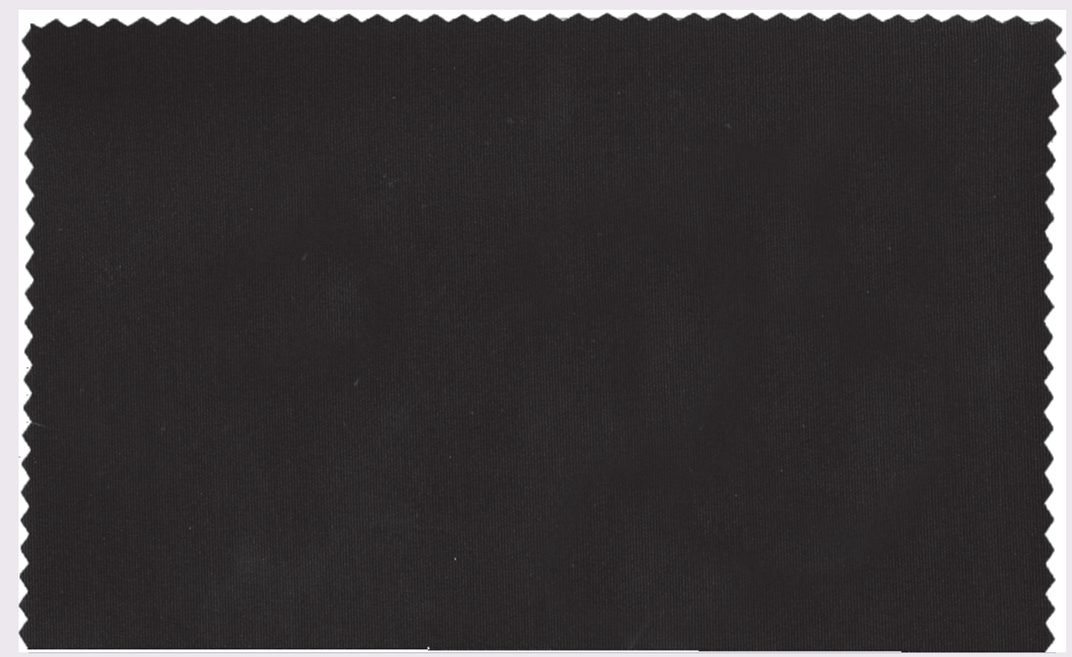
UV-protection

UV rays age skin cells and damage their DNA. These rays are linked to long-term skin damage such as wrinkles. Grandcot multifunctional yarn protect skin from harmful UV rays. Therefore, application of this yarn on sportswear may protect skin from damages caused by UV rays.

MULTI-FUNCTIONAL

SR-16054(TG)PP-2

74% Nylon 26% Elastane 40″ X 200 gsm



SR-15741(TG)P(M)-2

79% Nylon 21% Elastane 65″ X 275 gsm