



**CARRINGTON**  
TEXTILES

# WORKWEAR COLLECTION

SUSTAINABILITY | INNOVATION | DURABILITY | COMFORT

SHAPING THE FUTURE OF FABRIC





# SHAPING THE FUTURE OF FABRIC

At Carrington Textiles we specialise in the development of workwear fabrics with exceptional performance in the most demanding workplace environments.

Our fabrics have been saving lives for more than 130 years, and with our international network of factories, sales people and agents, we make sure they reach every corner of the world.



SCAN TO CHECK  
ALL AVAILABLE  
COLOURS FOR  
EACH FABRIC

# A Truly Global Textile Manufacturer

We innovate to meet the most stringent performance requirements encountered in diverse areas. Working closely with garment manufacturers and rental laundries, we have an unrivalled knowledge of their evolving needs.



## EXPERTISE

130+ YEARS OF TEXTILE KNOW-HOW



## PRODUCTS

WIDE RANGE OF WORKWEAR, FLAME RETARDANT, WATERPROOF AND DEFENCE FABRICS



## INDUSTRIES

LIGHT TO HEAVY INDUSTRY, HEALTHCARE, HOSPITALITY, DEFENCE AND MORE



## FACTORIES

IN PAKISTAN, PORTUGAL AND THE UK



## GLOBAL REACH

EXPORTING TO 80+ COUNTRIES





To see the full list of colours scan the QR code on page 2.



## POLYESTER/COTTON FABRICS



**ALBA 2**  
145gsm

Crease resist finish  
Plain

65% polyester  
35% cotton



**K716**  
185gsm

Colour woven  
2/1 twill

65% polyester  
35% cotton



**CHEFS**  
190gsm

Colour woven  
2/1 twill

65% polyester  
35% cotton



**TEREDO**  
195gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton



**DELAMERE 195**  
195gsm

Crease resist finish  
2/1 twill

65% recycled polyester  
35% cotton



**PIQUE**  
200gsm

Crease resist finish  
Pique

65% polyester  
35% cotton



**ATHENA**  
210gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton



**DELTA**  
210gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton



**DELAMERE 210**  
210gsm

Crease resist finish  
2/1 twill

65% recycled polyester  
35% cotton



**PYTHON**  
235gsm

Splashgard  
3/1 twill

70% polyester  
30% cotton



**TOMBOY**  
245gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton



**DELAMERE 245**  
245gsm

Crease resist finish  
2/1 twill

65% recycled polyester  
35% cotton



**HAWKSBILL**  
245gsm

Crease resist finish  
2/1 twill

65% CiCLO polyester  
35% organic cotton



**GLOWTEX 275**  
275gsm

Crease resist finish  
4/1 satin

85% polyester  
15% cotton



**TRIDENT**  
320gsm

Crease resist finish  
3/1 twill

65% polyester  
35% cotton

### High visibility fabrics

EN 20471: High visibility warning clothing for professional use.  
RIS-3279-TOM: Railway group standard high visibility clothing.

### Chemical splash (applicable to all fabrics)

EN 13034: Protective clothing against liquid chemicals.  
Performance requirements for chemical protective clothing offering limited protective performance against aqueous based chemicals only (type 6 and type PB (6) equipment).

# POLYCOTTON: TOUGH ON JOBS, SOFT ON SKIN

Polycotton is a highly versatile fabric blend, suitable for a wide range of workwear applications, from uniforms to industrial wear, due to its balance of comfort, durability and appearance retention.

**50%**

More resistant to abrasion\*

**25%**

Fewer new clothes than a worker wearing 100% cotton workwear\*\*

**50%**

Or less of shrinkage of cotton fabrics after progressive industrial washing\*\*\*

**10%**

Less CO2 emissions than 100% cotton workwear\*\*

**50%**

More colour fastness than other blends\*

**100%**

Recycled polyester fibre traceability+

Source: \*Carrington Textiles, \*\*ETSA, \*\*\*TSA  
+ Only available when using REPREVE® fibres.



To see the full list of colours scan the QR code on page 2.



## COTTON RICH FABRICS



**KARA**  
140gsm

Crease resist finish  
2/1 twill

50% cotton  
50% polyester



**COOLTEX LITE**  
185gsm

Crease resist finish  
4/1 satin

50% cotton  
50% polyester



**CADIZ**  
185gsm

Crease resist finish  
2/1 twill

50% cotton  
50% polyester



**KIELDER 185**  
185gsm

Crease resist finish  
4/1 satin

50% recycled polyester  
50% cotton



**COOKS**  
190gsm

Colour woven  
2/1 twill

100% cotton



**KIMI**  
200gsm

Soft comfort  
4/1 satin

60% cotton  
40% polyester



**COOLCEL 200 PLUS**  
200gsm

Crease resist finish  
2/1 twill

50% polyester  
50% TENCEL™ Lyocell



**VENUS**  
200gsm

Shrunk finish  
3/1 twill

100% cotton



**ULTRA**  
215gsm

Crease resist finish  
2/1 twill

50% polyester  
50% cotton



**COOLTEX 1**  
215gsm

Crease resist finish  
4/1 satin

50% polyester  
50% cotton



**MERCURY**  
240gsm

Splashgard  
3/1 twill

60% cotton  
40% polyester



**TROY**  
245gsm

Crease resist finish  
2/1 twill

60% cotton  
40% polyester



**3110**  
255gsm

Shrunk finish  
3/1 twill

100% cotton



**COOLTEX 3**  
275gsm

Crease resist finish  
4/1 satin

50% polyester  
50% cotton



**3111**  
305gsm

Crease resist finish  
3/1 twill

100% cotton



**ATLAS**  
315gsm

Crease resist finish  
2/2 twill

60% cotton  
40% polyester

TENCEL™ is a trademark of Lenzing AG.



# Better Cotton, Better Workwear

## What is Better Cotton?

It's an initiative that promotes sustainable cotton farming practices to improve the environment and the livelihoods of farmers while ensuring high-quality cotton for consumers.

**By purchasing any of our fabrics containing cotton, you will be supporting the Better Cotton programme.**

In the 2021-22 cotton season:

**22**

Countries grew Better Cotton\*

**2.2**

Million farmers were Better Cotton licensed\*

**22%**

Of the World's cotton was Better Cotton\*

**5.4m**

Metric tonnes of Better Cotton produced\*

Source: \*Better Cotton.

## How can this benefit your brand?

When you buy any of our fabrics with cotton, your company will generate Better Cotton Credits or BCCUs. This is how you can claim your credits and leverage them to enhance your brands environmental reputation:

- 1 Purchase Carrington Textiles fabric made with Better Cotton.
- 2 Receive proof of the Better Cotton volume you supported.
- 3 Use the documentation to claim your BCCUs on the Better Cotton Platform.
- 4 Use these credits to promote your products as eco-friendly.

## How does it work?

**FARM LEVEL:**  
BETTER COTTON IS PROCURED FROM LICENSED FARMERS



**GINNING:**  
COTTON IS PROCESSED AT GINS, USING THE FOLLOWING CHAIN OF CUSTODY (CoC) MODELS TO ENSURE TRACEABILITY:



- SEGREGATION (SINGLE COUNTRY)
- SEGREGATION (MULTI-COUNTRY)
- CONTROLLED BLENDING
- MASS BALANCE\*

\*Our fabrics are processed using mass balance.

**MANUFACTURING:**  
YARN IS WOVEN INTO FABRIC, WITH RECORDS ENSURING TRACEABILITY THROUGH THE CoC MODEL





To see the full list of colours scan the QR code on page 2.



## STRETCH FABRICS



**SALO**  
130gsm

Crease resist finish  
Plain

49% polyester  
48% cotton  
3% EOL (XLANCE®)



**TAHOE**  
150gsm

Crease resist finish  
2/1 twill

33.5% polyester  
33.5% cotton  
29% recycled polyester  
4% EOL (XLANCE®)



**IDRA**  
200gsm

Crease resist finish  
2/1 twill

64% polyester  
33% cotton  
3% EOL (XLANCE®)



**CONSTANCE 210**  
210gsm

Crease resist finish  
2/1 twill

33.5% cotton  
33% polyester  
29% recycled polyester  
4.5% EOL (XLANCE®)



**LEVICO**  
210gsm

Herringbone

68% polyester  
32% elastomultiester  
(Featuring branded LYCRA® T400®  
fibre & COOLMAX® technology)



**LUGANO**  
210gsm

Herringbone

68% recycled polyester  
32% elastomultiester  
(Featuring branded LYCRA® T400®  
fibre & COOLMAX® technology)



**LOCARNO**  
230gsm

Crease resist finish  
3/1 twill

63% cotton  
34% polyester  
3% EOL (XLANCE®)

Weight value for Locarno white fabric is 215gsm



**MOLVENO**  
230gsm

Herringbone

68% polyester  
32% elastomultiester  
(Featuring branded LYCRA® T400®  
fibre & COOLMAX® technology)



Industrially launderable 4-way stretch



**BALATON 255**  
255gsm

Crease resist finish  
2/1 twill

34% polyester  
33% cotton  
30% recycled polyester  
3% EOL (XLANCE®)



**CRESTA**  
265gsm

Crease resist finish  
3/1 twill

64% polyester  
33% cotton  
3% EOL (XLANCE®)

Weight value for Cresta white fabric is 255gsm



**DYNAMO**  
280gsm

Crease resist finish  
3/1 twill

60% cotton  
20% polyester  
20% elastomultiester



LYCRA® and T400® are trademarks  
of The LYCRA Company.



COOLMAX® is a trademark  
of The LYCRA Company.



# Mobility Engineered: Fabrics for Workwear That Adapts

Stretch fabrics are transforming protective workwear, offering greater mobility, a better fit, and the comfort of leisurewear. As the line between

workwear and casual wear blurs, our durable fabrics provide both functionality and style.



## Choose the Right Stretch: Elastic vs. Mechanical

We utilise advanced elastic fibres to create high-performance stretch fabrics, ensuring durability, comfort and flexibility for workwear.

Below is a comparison of key features from our leading elastic fibre partners:

Feature	EOL XLANCE®	LYCRA® T400	LYCRA® T40® Ecomade
Durability	High (ISO 15797)	High	High
Stretch Recovery	Excellent	Moderate-high	Moderate-high
Temperature Resistance	-30°C TO 220°C	High	High
Chemical Resistance	Excellent	High	High
Chlorine Resistance	Excellent	High	High
UV Protection	High	Standard	Standard
Comfort	High	High	High
Eco-Friendly	High (Eco made + Durability)	Good (Durability)	Recycled
Versality	Wide fabric blends	High	High
Reduced Piling	Good	Good	Good

COOLMAX® fibres add extra comfort to our stretch fabrics with LYCRA® T400. Engineered to move moisture away from

the body for quick evaporation, they keep the wearer cool, dry and comfortable, with certified performance.

## Mechanical Stretch Fabrics

We also offer mechanical stretch fabrics, which achieve flexibility through innovative weave

techniques rather than elastic fibres. Below is a comparison:

Feature	Mechanical Stretch	Elastomeric Stretch
Stretch Mechanism	Fabric weave	Elastic fibres
Elasticity Level	Low-moderate	High
Durability	Very durable	High, but fibres may degrade
Fit Stability	Stable fit over time	Maintains fit, may change
Comfort	Comfortable, moderate flexibility	High comfort, maximum flexibility
Environmental Impact	Lower, no elastomers needed	Varies (some eco-friendly)
Cost	Cost-effective	Generally higher
Ideal Applications	Worker, uniforms	Workwear requiring high-stretch



To see the full list of colours scan the QR code on page 2.



## STRETCH FABRICS



**XTRAFLEX SL**  
170gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton

MECHANICAL STRETCH



**XTRAFLEX LITE**  
205gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton

MECHANICAL STRETCH



**RIVINGTON 205**  
205gsm

Crease resist finish  
2/1 twill

65% recycled polyester  
35% cotton

MECHANICAL STRETCH



**XTRAFLEX 1**  
220gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton

MECHANICAL STRETCH



**RIVINGTON 220**  
220gsm

Crease resist finish  
2/1 twill

65% recycled polyester  
35% cotton

MECHANICAL STRETCH



**METEOR**  
255gsm

3/1 twill

62% recycled polyester  
21% cotton  
17% polyester

MECHANICAL STRETCH



**PANAMA**  
310gsm

Crease resist finish  
Panama

60% cotton  
40% polyester

MECHANICAL STRETCH



## ANTISTATIC FABRICS



**ASTACON 102**  
110gsm

3/2 twill  
+ 5mm grid

99% polyester  
1% antistatic material



**DELTASTAT**  
210gsm

2/1 twill  
+ 9mm grid

64% polyester  
35% cotton  
1% antistatic material



**TOMSTAT**  
245gsm

2/1 twill  
+ 9mm grid

64% polyester  
35% cotton  
1% antistatic material





# How Do Antistatic Fabrics Work?

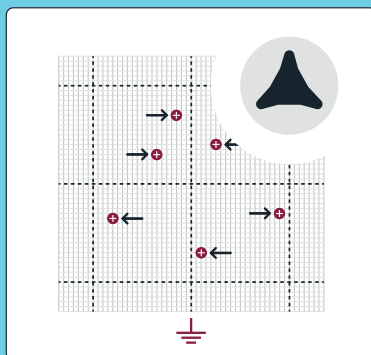
**Antistatic fabrics prevent electrostatic discharge (ESD) through three key mechanisms**

**1 Induction:** Redirects charges away from the fabric surface.

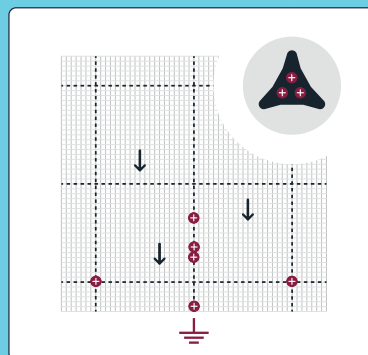
**2 Conduction:** Transfers electric charges safely to the ground.

**3 Corona Discharge:** Gradual release of charges into the air, reducing build-up.

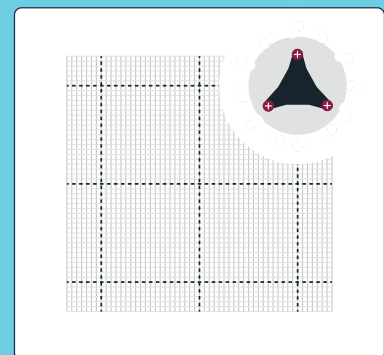
Graphic source: nega-stat®.



**INDUCTION**



**CONDUCTION**



**CORONA DISCHARGE**

## Certifications & Compliance

Our antistatic fabrics meet rigorous industry standards:

**EN 61340-5-1:** ESD protection for electronic devices\*

**EN 1149-1:** Surface resistivity\*

**EN 1149-3:** Charge decay measurement\*\*

**EN 1149-5:** Performance requirements for electrostatic clothing.

\* These standards can only be met with the right fabric construction and a surface conducting fibre.

\*\* Surface conductors and core conductors can be assessed with this method.

## Key Applications



### EV Manufacturing

Protects workers handling sensitive electronic components.



### Chemical Processing

Prevents ignition from static sparks

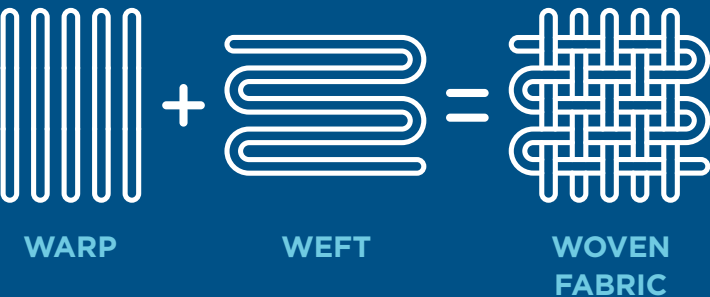


### Electronics Assembly

Shields components from electrostatic damage.








# Understanding Fabric Weaves: The Backbone of High-Performance Workwear

Fabric weave is the method of interlacing warp (lengthwise) and weft (crosswise) threads to create fabric.



## How Fabric Weaves Affect Performance and Appearance

- 1 Durability:** Tighter weaves result in more durable fabrics.
- 2 Texture:** The weave pattern can create smooth, rough, or patterned textures.
- 3 Breathability:** Loose weaves allow for more airflow, making fabrics more breathable.
- 4 Sheen:** Satin weaves create a shiny surface, while plain weaves are more matt.
- 5 Weight:** The density of the weave affects the fabric's weight and drape.

Weave Type	Description	Properties	Applications in Workwear
 <b>Plain Weave</b>	Basic weave with threads crossing alternately.	Strong, durable, tightly woven.	Office uniforms, shirts, basic work trousers, industrial protective clothing.
 <b>Canvas Weave</b>	Variation of plain weave with thicker yarns.	Extremely durable, resistant to abrasion.	Heavy-duty uniforms like overalls, jackets, construction and trade workwear.
 <b>S Twill Weave</b>	Diagonal lines slanting from top left to bottom right.	Durable, flexible, wrinkle-resistant.	Mechanic uniforms, work trousers, heavy-duty shirts.
 <b>Z Twill Weave</b>	Diagonal lines slanting from top right to bottom left.	Similar to S Twill with a different diagonal pattern.	Security uniforms, corporate wear, hospitality industry uniforms.
 <b>Broken Twill</b>	Twill pattern that alternates direction, breaking the diagonal line.	Reduces fabric twisting, offers unique texture.	Delivery uniforms, fieldwork attire, high-mobility uniforms.
 <b>Panama Weave</b>	Derivative of plain weave with grouped threads.	Balanced, durable, slightly textured, breathable.	Lightweight durable uniforms for maintenance, hospitality, and service industry workers.
 <b>Satin Weave</b>	Long floats of warp or weft threads creating a smooth, glossy surface.	Smooth, lustrous, less durable.	High-end hospitality uniforms, ceremonial dress uniforms, specialised corporate wear.



# The Balance

## Range: Built for

## the Future



Identified in green within this guide, our Balance Range of fabrics is crafted with a focus on long-term performance and minimal environmental footprint.

We use:



### Better Cotton

Initiative to improve sustainable global cotton production. **More on page 07.**



### CiCLO®

Additive that speeds up synthetic fibre degradation in landfills and oceans.



### Organic Cotton

Cotton grown without synthetic chemicals or GMOs.



### REPREVE®

Branded recycled fibres made from recycled plastic bottles. Bottle count per metre available.



### TENCEL™

Wood pulp fibre known for its softness, breathability and responsible production.



### Vortex®

High-performance yarns from vortex spinning, yielding strong, durable, low-pilling fabrics.

SCAN TO  
DOWNLOAD OUR  
SUSTAINABILITY  
REPORT

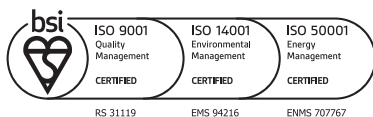


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## CERTIFICATES



For more information please visit:

**[WWW.CARRINGTON.CO.UK](http://WWW.CARRINGTON.CO.UK)**

