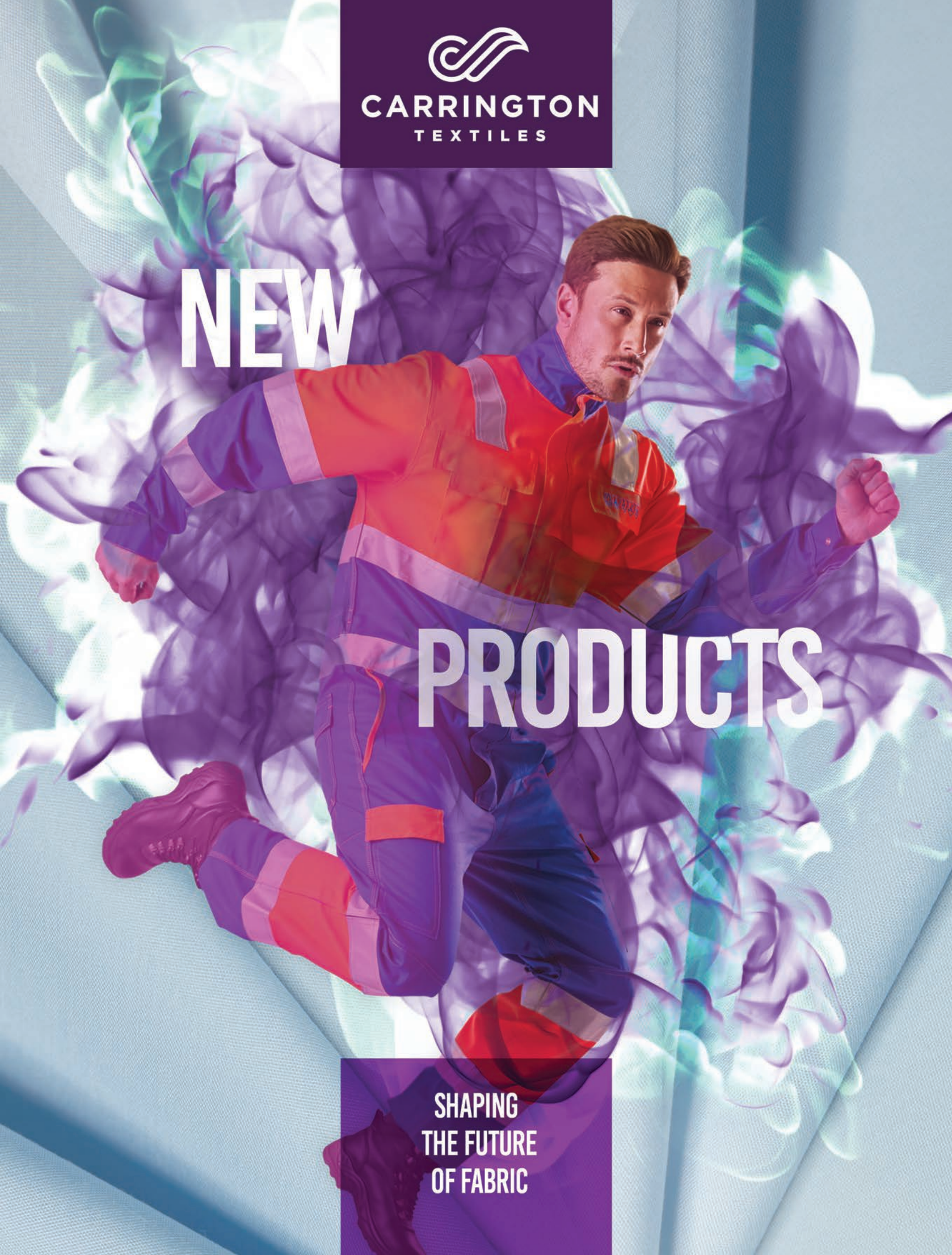
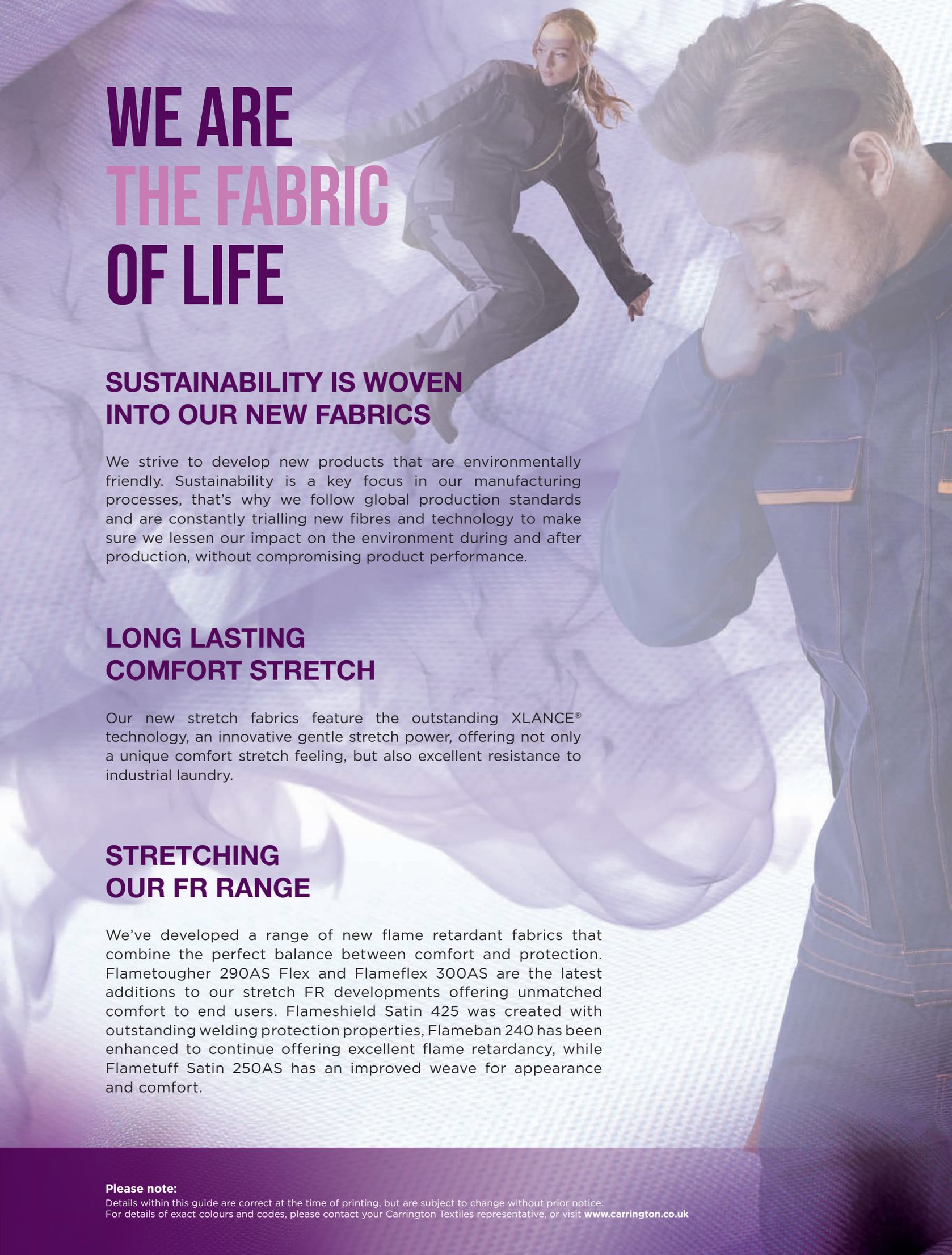
CARRINGTON
TEXTILES

NEW PRODUCTS



SHAPING
THE FUTURE
OF FABRIC



WE ARE THE FABRIC OF LIFE

SUSTAINABILITY IS WOVEN INTO OUR NEW FABRICS

We strive to develop new products that are environmentally friendly. Sustainability is a key focus in our manufacturing processes, that's why we follow global production standards and are constantly trialling new fibres and technology to make sure we lessen our impact on the environment during and after production, without compromising product performance.

LONG LASTING COMFORT STRETCH

Our new stretch fabrics feature the outstanding XLANCE® technology, an innovative gentle stretch power, offering not only a unique comfort stretch feeling, but also excellent resistance to industrial laundry.

STRETCHING OUR FR RANGE

We've developed a range of new flame retardant fabrics that combine the perfect balance between comfort and protection. Flametougher 290AS Flex and Flameflex 300AS are the latest additions to our stretch FR developments offering unmatched comfort to end users. Flameshield Satin 425 was created with outstanding welding protection properties, Flameban 240 has been enhanced to continue offering excellent flame retardancy, while Flametuff Satin 250AS has an improved weave for appearance and comfort.

FLAME RETARDANT

Flameban 240
56% Modacrylic / 43% cotton / 1% antistatic
240gsm, twill

Flame retardant to: EN ISO 11612, EN ISO 14116
Antistatic to: 1149-3-5
Protection against Ultaviolet Radiation: EN 13758-1 UVPF 50+

Flamestat 250
75% cotton / 24% polyester / 1% antistatic
250gsm, 2/2 twill

Flame retardant to: EN ISO 11612, EN ISO 14116, EN ISO 11611
Antistatic to: 1149-3-5
Chemical splash: EN 13034 type 6

Flametuff Satin 250AS
85% cotton / 14% nylon / 1% antistatic
250gsm, 4/1 satin

Flame retardant to: EN ISO 11612, EN ISO 14116
Antistatic to: 1149-3-5

All above norms are in test. These are expected values.

NEW

Flametougher 290AS Flex
78% cotton / 19% CORDURA® nylon
2% EOL (XLANCE®) / 1% antistatic
290gsm, 3/1 twill

Flame retardant to: EN ISO 11612, EN ISO 14116, EN ISO 11611, NFPA 2112
Electric arc to: EN 61482-1-2 Class 1 (4kA), IEC 61482-1-1
Antistatic to: 1149-3-5

All above norms are in test. These are expected values.

NEW

Flameflex 300AS
83% cotton / 14% polyester
2% EOL (XLANCE®) / 1% antistatic
300gsm, 3/1 twill

Flame retardant to: EN ISO 11612, EN ISO 14116, NFPA 2112

All above norms are in test. These are expected values.

NEW

Flameshield Satin 425
100% cotton
425gsm, 4/1 satin

Flame retardant to: EN ISO 11611 Class 2, EN ISO 11612, EN ISO 14116
Electric arc to: EN 61482-1-2 Class 1

NEW

*CORDURA® is a trademark of INVISTA. XLANCE® stretch fabric.

SAFEGUARDING LIVES WITH THE HIGHEST INTERNATIONAL STANDARDS

Flame retardant and multifunctional fabrics

EN 11612: Protective clothing. Clothing to protect against heat & flame
ISO 13934-1: Tensile strength
ISO 13937-2: Tear strength
ISO 5077: Dimensional stability
ISO 17493: Heat resistance
ISO 15025: Limited flame spread
(A1 surface ignition, A2 edge ignition)
ISO 9151: Convective heat (B)
ISO 6942: Radiant heat (C)
ISO 9185: Molten metal (E)
ISO 12127: Contact heat (F)

EN 14116: Protective clothing protection against heat & flame, limited flame spread
ISO 15025: Limited flame spread

NFPA 2112: Protection of industrial personnel against short-duration thermal exposures from fire

EN 11611: Protective clothing for use in welding and allied processes
ISO 13934-1: Tensile strength
ISO 13937-2: Tear strength
ISO 5077: Dimensional stability
ISO 15025: Limited flame spread
(A surface ignition, B edge ignition)
ISO 9150: Impact of spatter
ISO 6942: Radiant heat
EN 1149-2: Electrical resistance

Electric Arc fabrics

EN 61482-1-1: Test method: Open Arc Ranking, presented with a Value. APTV (Arc Thermal Performance Value)

EN 61482-1-2: Test method: Box Test. Divided in two classes, where Class 2 is the highest level
Class 1 - Protection against electric arc 4kA
Class 2 - Protection against electric arc 7kA

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)

Ultraviolet radiation (UVR) protective fabrics

EN 13758-1:2002: Textiles. Solar UV protective properties. Method of test for apparel fabrics

Antistatic fabrics

EN 1149-3: Protective clothing. Electrostatic properties (charge decay)

EN 1149-5: Protective clothing. Electrostatic properties

SUSTAINABLE FABRICS

Kielder 185 185gsm	Crease resist finish 4/1 satin	50% cotton 50% REPREVE recycled polyester
Polyester face for greater durability and cotton inside for increased comfort.		
Delamere 195 195gsm	Crease resist finish 2/1 twill	65% REPREVE recycled polyester 35% cotton
Coolcel 200 Plus 200gsm	Crease resist finish 2/1 twill	50% polyester 50% Tencel™
Delamere 210 210gsm	Crease resist finish 2/1 twill	65% REPREVE recycled polyester 35% cotton
Delamere 245 245gsm	Crease resist finish 2/1 twill	65% REPREVE recycled polyester 35% cotton
Hawksbill 245gsm	Crease resist finish 2/1 twill	65% CiCLO polyester 35% organic cotton

SUSTAINABLE STRETCH FABRICS

Tahoe 150gsm	Crease resist finish 2/1 twill	33.5% polyester 33.5% cotton 29% REPREVE recycled polyester 4% EOL (XLANCE®) NEW
Rivington 205 205gsm	Crease resist finish 2/1 twill	65% REPREVE recycled polyester 35% cotton
Constance 210 210gsm	Crease resist finish 2/1 twill	33.5% cotton 33% polyester 29% REPREVE recycled polyester 4.5% EOL (XLANCE®)
Lugano 210gsm	Herringbone	68% recycled polyester 32% Elastomultiester *(Featuring branded T400 ECOMADE fibre & COOLMAX® technology)* NEW
Rivington 220 220gsm	Crease resist finish 2/1 twill	65% REPREVE recycled polyester 35% cotton
Balaton 255 255gsm	Crease resist finish 2/1 twill	34% polyester 33% cotton 30% REPREVE recycled polyester 3% EOL (XLANCE®)
Meteor 255gsm	3/1 twill	62% recycled polyester 21% cotton 17% polyester NEW

XLANCE® stretch fabric.

STRETCH FABRICS

Levico 210gsm	Herringbone	68% 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®)
Molveno 250gsm	Herringbone	68% polyester 32% elastomultiester *(Featuring branded LYCRA® T400® fibre & COOLMAX® technology)*
Cresta 255gsm	Crease resist finish 3/1 twill	64% polyester 33% cotton 3% EOL (XLANCE®)
Dynamo 280gsm	Crease resist finish 3/1 twill	60% cotton 20% polyester 20% elastomultiester

XLANCE® stretch fabric.

MECHANICAL STRETCH

Xtraflex SL 170gsm	Crease resist finish 2/1 twill	65% polyester 35% cotton
Xtraflex Lite 205gsm	Crease resist finish 2/1 twill	65% polyester 35% cotton
Xtraflex 1 220gsm	Crease resist finish 2/1 twill	65% polyester 35% cotton

Chemical, Oil & Water Repellent Finishes

For outstanding performance in combined chemical splash protection and water repellency we use Splashgard C6 technology – a fluorocarbon treatment applied to the fabric to provide excellent levels of resistance against oil, water and some chemicals. When liquid spills come into contact with the fabric, they form into beads and roll off the surface. Any dry soiling is easily brushed off the material.

Moisture Management Finish

Moisture management finish confers wash-resistant hydrophilic properties for fibres of all kinds. The fabrics dry quicker, wick moisture away from the skin and stay soft and breathable even when the wearer is involved in high-intensity activities.

Crease Resistant Finish

This finish delivers two distinctive benefits by combining exceptional crease resistance with controlled shrinkage, resulting in an easy-care fabric for garments that stay looking smart.

Anti-mosquito Finish

Vector protection Actigard® finish has long-lasting active ingredients that have proved highly effective against vectors such as mosquitoes and ticks.

Its outstanding durability and enduring effectiveness through high numbers of washes, have made this finish an important specification in applications such as military uniforms, bedding, mattresses and floor coverings. It also conforms to Standard 100 by OEKO-TEX®.

Please note:

Details within this guide are correct at the time of printing, but are subject to change without prior notice.
For details of exact colours and codes, please contact your Carrington Textiles representative, or visit **www.carrington.co.uk**

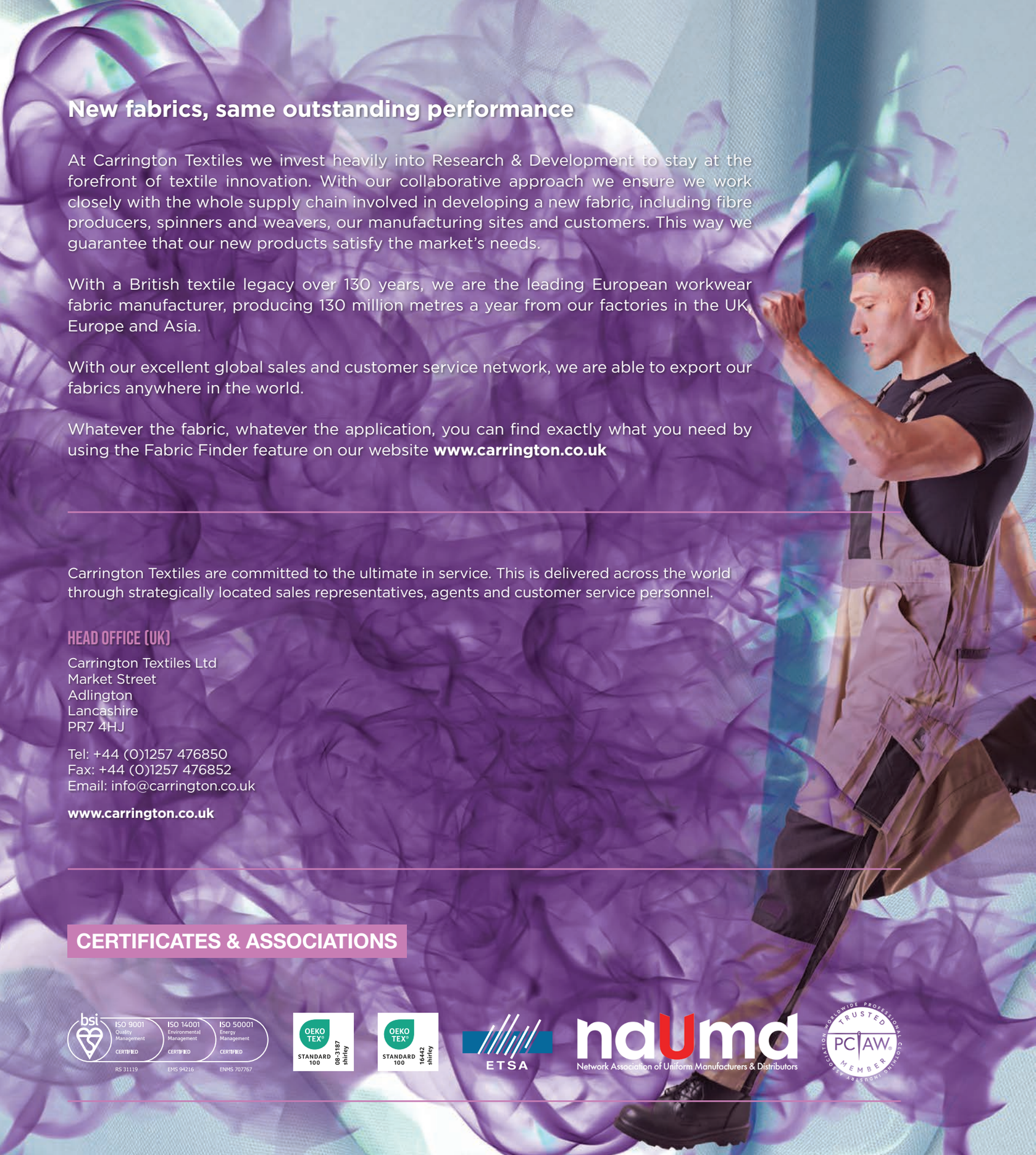
New fabrics, same outstanding performance

At Carrington Textiles we invest heavily into Research & Development to stay at the forefront of textile innovation. With our collaborative approach we ensure we work closely with the whole supply chain involved in developing a new fabric, including fibre producers, spinners and weavers, our manufacturing sites and customers. This way we guarantee that our new products satisfy the market's needs.

With a British textile legacy over 130 years, we are the leading European workwear fabric manufacturer, producing 130 million metres a year from our factories in the UK, Europe and Asia.

With our excellent global sales and customer service network, we are able to export our fabrics anywhere in the world.

Whatever the fabric, whatever the application, you can find exactly what you need by using the Fabric Finder feature on our website **www.carrington.co.uk**



Carrington Textiles are committed to the ultimate in service. This is delivered across the world through strategically located sales representatives, agents and customer service personnel.

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CERTIFICATES & ASSOCIATIONS

bsi ISO 9001 Quality Management CERTIFIED RS 31119 · ISO 14001 Environmental Management CERTIFIED EMS 94216 · ISO 50001 Energy Management CERTIFIED ENMS 707767

OEKO TEX® STANDARD 100 08-3187 shirley

OEKO TEX® STANDARD 100 16442 shirley

ETSA

naUmd Network Association of Uniform Manufacturers & Distributors

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