



CARRINGTON
TEXTILES

WATERPROOF

PROTECTION • PERFORMANCE

DURABILITY • COMFORT

COLLECTION



SHAPING
THE FUTURE
OF FABRIC

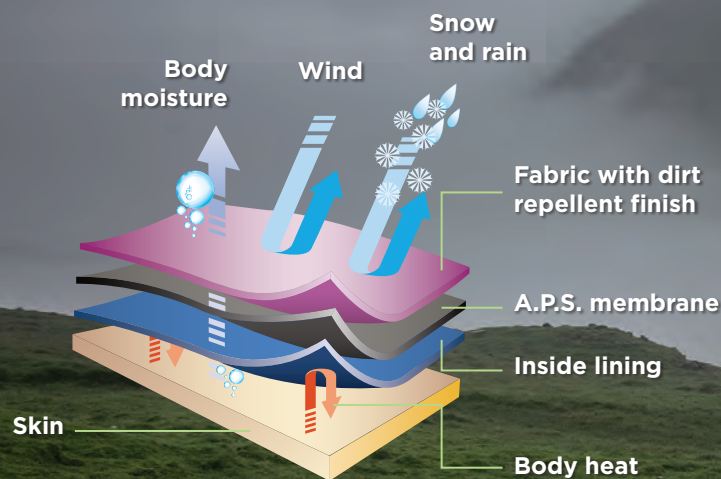
THE BEST FABRICS FOR THE WORST WEATHER

Being able to stay dry and comfortable in the worst of rainy weather is an essential function of workwear. With Carrington Textiles Coated and Laminated fabrics, you can choose from two types of technology for optimal performance. Both offer a wide range of waterproof and breathable base fabric options.

For 100% dry working comfort during long shifts in the rain, choose our durable Laminated fabrics. For reliable waterproof protection in shorter exposure to rain, select our advanced Coated fabrics. And for greater multifunctionality against heat, flame and water, we have a range of Flame Retardant, waterproof and breathable fabrics available.



HOW DO OUR WATERPROOF FABRICS WORK?



OUR WATERPROOF RANGE INCLUDES

- Flame retardant
- Water repellent
- High visibility
- Chemical splash
- Antistatic

Coated Series

A great selection of nylon and polyester base fabrics in various weights. The PU coated collection offers EN 343 3:3 conformance at a competitive price. Each fabric is fully independently tested and stock supported in a large colour range of standard shades, including various EN 20471 high visibility colours.

Laminated Series

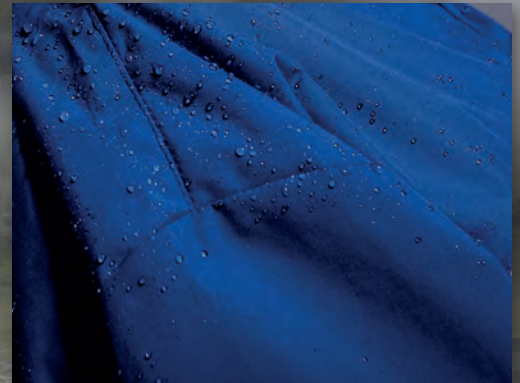
A range of 100% polyester and breathable microporous membrane fabrics with CORDURA® options, adding multiple functionality and comfort. All offering water repellency under the EN 343 standard and EN 20471 high visibility colours.

Flame Retardant Series

To meet the growing demand from customers for multifunctional fabrics, we offer the application of waterproof and breathable membranes to our existing Flame Retardant treated textiles. This process adds 30-40gsm to the total weight, and gives the final fabric EN 343 3:3 performance for waterproofness and breathability.

See the full range online

You can find all of Carrington Textiles existing Waterproof fabrics online at www.carrington.co.uk



EN 343 FOR BREATHABLE, WINDPROOF AND WATERPROOF WORKWEAR

This European standard encompasses materials and stitching and is divided into two sections:

Water penetration

There are 3 classes and they are measured by Water Pressure (Wp) requirements:

Class 1: $Wp \geq 8000$ Pa without pre-treatment

Class 2: $Wp \geq 8000$ Pa

Class 3: $Wp \geq 13000$ Pa

Resistance against water vapour

There are 3 classes and they are measured by RET. The lower the rating, the less resistance to moisture transfer:

Class 1: $RET \geq 40$

Class 2: $20 < RET \leq 40$

Class 3: $RET \leq 20$



3 Water penetration is noted at the top in the symbol and resistance to water vapour is at the bottom in the symbol.



CARRINGTON
TEXTILES



COATED FABRICS



HV Yellow
0945

HV Orange
1948

Light Grey
3407

Petrol Green
6088

Red
5385

Dark Blue
6488



Meridian

100% polyester with PU coating,
FC proofed
2/1 twill, 130gsm

Water repellent: EN ISO 4920: surface wetting spray test
EN ISO 343
Hi vis: EN 20471 Yellow & Orange



Yellow
0048

Orange
0244

Red
0255

Navy Blue
0468

Black
0989



Saber

100% nylon with PU coating,
FC proofed
Plain, 150gsm

Water repellent: EN 343 + A1: foul weather test
EN ISO 4920: surface wetting spray test



Black
0990



Albany

100% nylon with PU coating,
FC proofed
Plain, 205gsm

Water repellent: EN 343 + A1: foul weather test
EN ISO 4920: surface wetting spray test
EN ISO 11092



HV Yellow
0171

HV Orange
1792

Red
4156

Blue
0649

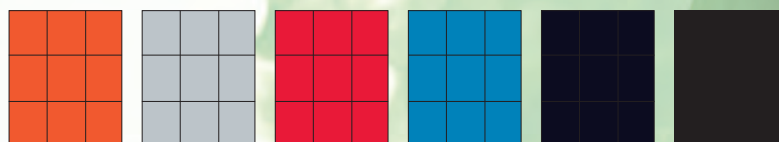
Black
1072



Jasper

100% polyester with PU coating,
FC proofed
Plain, 210gsm

Water repellent: EN ISO 4920: surface wetting spray test
EN ISO 343
Hi vis: EN 20471 Yellow & Orange



HV Orange
1948

Grey
3177

Red
089

Blue
3176

Dark Blue
6905

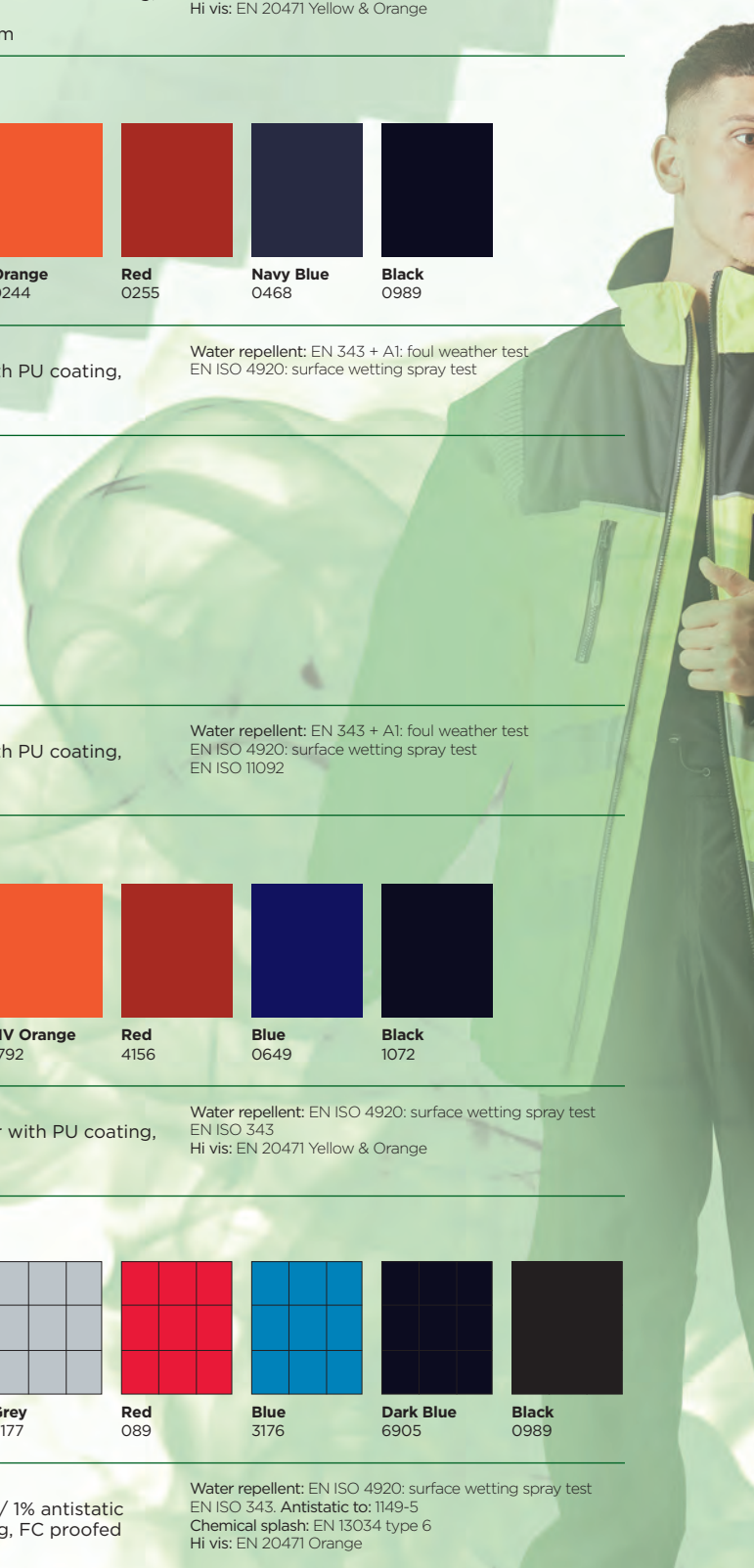
Black
0989



Quest

99% polyester / 1% antistatic
with PU coating, FC proofed
Plain, 260gsm

Water repellent: EN ISO 4920: surface wetting spray test
EN ISO 343. Antistatic to: 1149-5
Chemical splash: EN 13034 type 6
Hi vis: EN 20471 Orange





LAMINATED FABRICS



HV Yellow
602



HV Orange
439



HV Red
604



Red
424



Navy
321



Black
506



Alaska Pro 2

100% polyester face + Microporous membrane, FC proofed Plain, 190gsm

Water repellent: EN 343 + A1: foul weather test
EN 24920: spray rate
Hi vis: EN 20471



HV Yellow
602



HV Orange
439



HV Red
604



Red
424



Navy
321



Black
506



Alaska Pro 3

100% polyester face + Microporous membrane with nylon knit on reverse, FC proofed. Plain, 230gsm

Water repellent: EN 343 + A1: foul weather test
EN 24920: spray rate
Hi vis: EN 20471



HV Yellow
602



HV Orange
439



Navy
321



Black
506



Alaska Pro 2 CORDURA®

100% polyester face + Microporous membrane, FC proofed Plain, 210gsm

Water repellent: EN 343 + A1: foul weather test
EN 24920: spray rate
Hi vis: EN 20471



HV Yellow
602



HV Orange
439



Navy
321



Black
506



Alaska Pro 3 CORDURA®

100% polyester face with Microporous membrane + nylon knit on reverse, FC proofed. Plain, 250gsm

Water repellent: EN 343 + A1: foul weather test
EN 24920: spray rate
Hi vis: EN 20471

CORDURA® is a trademark of INVISTA.

Coated collection

The PU coated collection includes nylon and polyester base fabrics in a range of weights and shades.

Laminated collection

Lamination adds greater multiple functionality through the application of waterproof and breathable membranes to our fabrics.



LAMINATED FABRICS



HV Yellow
602



HV Orange
439



Light Grey
178



Petrol Green
330



Red
424



Navy
425



Black
506



Denali Pro 2

100% polyester face + Microporous membrane, FC proofed
2/1 twill, 130gsm

Water repellent: EN 343 + A1: foul weather test
EN 24920: spray rate
Hi vis: EN 20471
EN 20471 Contrast trims



Black
506



Denali Pro 2.5

100% polyester face + Microporous membrane with polymeric layer, FC proofed. 2/1 twill, 130gsm

Water repellent: EN 343 + A1: foul weather test
EN 24920: spray rate



HV Yellow
602



HV Orange
439



Light Grey
178



Petrol Green
330



Red
424



Navy
425



Black
506



Denali Pro 3

100% polyester face + Microporous membrane with nylon knit on reverse, FC proofed. 170gsm, 2/1 twill

Water repellent: EN 343 + A1: foul weather test
EN 24920: spray rate
Hi vis: EN 20471



Black face
505



HV Yellow
602



Denali Soft Shell 300

100% polyester face with PU membrane + polyester fleece on reverse
300gsm, 2/1 twill

Windproof and shower resistant

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



FLAME RETARDANT FABRICS



HV Orange
439



Flameban Max 310 Pro 2

40% Protex / 24% FR viscose / 20% polyester / 10% cotton / 4% aramid
2% antistatic, 370gsm, double

Flame retardant to: EN ISO 11611, EN ISO 11612 & ISO 14116
Hi vis: EN 20471 & RIS-3279-TOM
Electric arc to: EN 61482-1-2 Class 1 (4kA)
Chemical splash: EN 13034 type 6. Antistatic to: 1149-3-5
Water repellent: EN 343 Class 3-3



HV Orange
439



Flameban Max 310 Pro 3

40% Protex / 24% FR viscose / 20% polyester / 10% cotton / 4% aramid
2% antistatic, 410gsm, double

Flame retardant to: EN ISO 11611, EN ISO 11612 & ISO 14116
Hi vis: EN 20471 & RIS-3279-TOM
Electric arc to: EN 61482-1-2 Class 1 (4kA)
Chemical splash: EN 13034 type 6. Antistatic to: 1149-3-5
Water repellent: EN 343 Class 3-3



HV Yellow
48602



HF Navy
48041



Flamestat Satin 225 Pro 2

50% cotton / 49% polyester
1% antistatic + Microporous membrane
275gsm, 4/1 satin, 9mm Negastat grid

Flame retardant to: EN ISO 11612 & ISO 14116
Hi vis: EN 20471 Yellow
Electric arc to: EN 61482-1-1 & EN 61482-1-2 Class 1
Chemical splash: EN 13034 type 6. Antistatic to: 1149-3-5
Water repellent: EN 343 Class 3-3

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

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

High visibility fabrics

EN 20471: High visibility warning clothing for professional use

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)

Antistatic fabrics

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

EN 1149-5: Protective clothing. Electrostatic properties

Water repellent and foul weather fabrics

EN ISO 811: Hydrostatic head
EN ISO 4920: Surface spray wetting test
EN ISO 11092: Waterproof vapour resistance
EN 343: Waterproof and breathable *See reverse for details
EN 343 + A1 Foul weather tests: Resistance to water penetration
Water vapour resistance
EN 24920: Spray rate

Windproof

Opposes the penetration of wind or air

Optional finishes

For full details of all our finishes please visit our website
www.carrington.co.uk

Outstanding fabrics for workwear in the worst weather

Our continually updated collections of Waterproof fabrics, offer the best protection against foul weather while providing breathable performance and meeting various European Norms in the most cost-effective way.

Our range of Waterproof products include Coated, Laminated and Flame Retardant fabrics, that incorporate nylon, polyester and breathable membrane in a range of weights and with conformance to many norms including EN 343 for water repellency and EN 20471 for high visibility colours.

With a British textile legacy of 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



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