



CARRINGTON
TEXTILES

DEFENCE

PROTECTION • PERFORMANCE

DURABILITY • MULTIFUNCTION

COLLECTION



**SHAPING
THE FUTURE
OF FABRIC**

STANDING STRONG

Carrington Textiles' continuous experience in the defence field is one of our greatest strengths.

For over 90 years we have been supplying a wide choice of standard and specialised fabric options to national military forces and major defence companies around the world.

This success has been achieved by working closely with our sister company in the UK, Pincroft Dyeing and Printing, benefitting from their state of the art facilities and advanced technologies in dyeing and printing.

Combining this with Carrington Textiles' unrivalled excellence in global sales and customer service, means that our Defence Range brings together longstanding knowledge and expertise to give an even stronger total product range.

We currently have over 100 different camouflage patterns in our range that can be produced in a variety of different shades and fabrics.

Or if you are looking for a completely new camouflage design, we can provide you with a comprehensive design service.

This has been structured to support our customers at every stage of the development process, from initial concept to bulk delivery – including full scale samples of the chosen design before going into production.



FINISHES FOR COMBINED BENEFITS

Multiple benefits can be achieved by different combinations of Carrington Textiles finishes. This can be to give multifunctional protection – or to combine protection with greater comfort

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.

and a smarter appearance. For more information on how to maximise the benefits of our finishes, please contact one of our sales representatives who will be happy to advise on all the possibilities.

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.

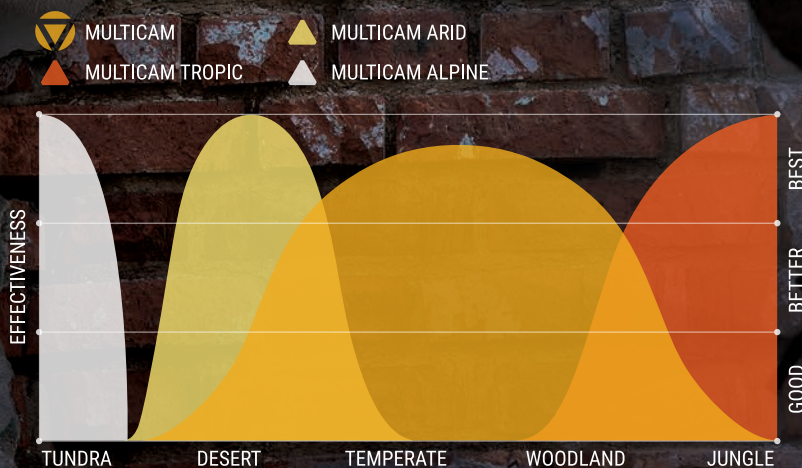
It also conforms to Standard 100 by OEKO-TEX®.

MULTICAM® IS THE COMBAT-PROVEN SOLUTION FOR CONCEALMENT WHEN ONE NEEDS TO OPERATE IN WIDELY VARIED AND MIXED TERRAIN.

At Carrington Textiles we are proud to be the first company given a license to print the MultiCam® design outside of the US and China.

The MultiCam® patterns were developed to provide maximum effectiveness across diverse operating environments with a minimum logistical burden. The patterns all have distinct roles but are designed to work together as a system to meet the needs of nearly any operating environment, all while helping the wearer do so with the least amount of kit possible.

MultiCam® is the combat-proven solution for concealment when one needs to operate in widely varied and mixed terrain. While MultiCam® is suited to an extremely wide selection of environments, they have developed three new patterns that are optimized for narrower areas of operation. These new patterns work well with the primary MultiCam® pattern to meet the needs of these extreme environments, thus expanding the performance envelope of the MultiCam® family to cover nearly every possible environmental condition. The MultiCam® patterns can be used alone or in conjunction with each other to meet almost any operational requirement.



MultiCam® patterns take advantage of the way the human eye and brain perceive shape, volume, and color. Since only a very small portion of the human eye perceives color, the brain does a lot of "filling-in" for the eye. The unique high resolution design of MultiCam® takes advantage of this principle and helps the observer to "see" the pattern as part of the background.

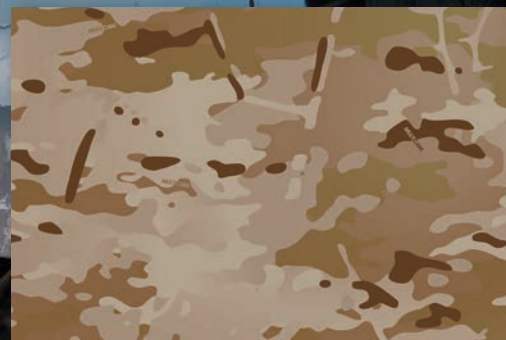
1947 The Exclusive International
Fabric Distributor of **MULTICAM**

For more information on MultiCam® fabrics e-mail
multicamorders@osinnovate.com

MULTICAM®



MULTICAM® PATTERN



MULTICAM® ARID™ PATTERN



MULTICAM® BLACK™ PATTERN



MULTICAM® TROPIC™ PATTERN



DYED ONLY

This is the perfect solution to a standard defence garment where camouflage isn't required. Carrington Textiles produces over 30 million metres of dyed only fabrics per year and can offer a huge range of shades and substrates to meet your needs. A large amount of the dyed only fabrics that we produce are industrially launderable and have excellent colour fastness, abrasion and strength properties.



Hudson 200

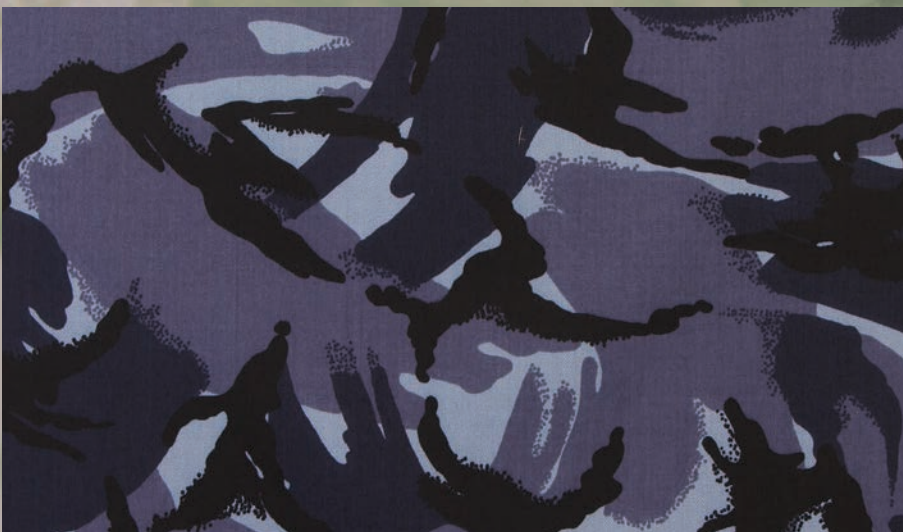
65% polyester / 35% cotton
210gsm, Plain with ripstop

A lightweight, hardwearing fabric for use in trousers, jackets and shirts. It incorporates a ripstop in the weave for technical and aesthetic properties.



DYE AND PRINT

Many camouflage solutions on the market today utilise dye and print technology, this is where the fabric is dyed first and then a design is printed on top of the base dye to produce an effective camouflage. This technique is mainly used to help with print registration and achieve IRR values to ensure the fabric meets all technical specifications.



Cooltex 3

50% cotton / 50% polyester
275gsm, 4/1 satin

Constructed in a way where the inside of the fabric worn next to the skin is predominantly cotton and the outside is predominantly polyester. This therefore combines the comfort of cotton with the hardwearing properties of polyester.



PRINT ONLY

Various camouflage designs today can utilise a print only option. This alternative helps on costs and means that smaller minimum order quantities can be used as the fabric doesn't need to go through as many processes as dye and print.



Troy

60% cotton / 40% polyester
245gsm, 2/1 twill

Its comfort and absorbency characteristics make it an ideal fabric in hot and cold environments. The shrinkage, durability and colourfastness are superior than that of 100% cotton.



WATERPROOF

We have a wide range of waterproof fabrics available today utilising both coated and laminated technologies. These can be both dyed only and printed and use a variety of different substrates depending on the level of foul weather you believe your garment will encounter.



Ambler Pro 3

100% nylon
175gsm, 2/1 twill

Suitable for foul weather waterproof garments in both military printed or dyed options.



EQUIPMENT

Hardwearing and tough are just some of the words that come to mind when talking about our equipment options. We can print or dye onto a variety of substrates, comprising of high tenacity nylon, either branded CORDURA® or unbranded 6 or 6.6 variants, in a variety of yarn types from 550 dtex through to 1100 dtex. We can also apply durable fluorocarbon finishes to these products and PU coatings to provide additional water penetration performance as required.



Hurricane

100% high tenacity nylon
370gsm, Plain

Hurricane is a high tenacity textured nylon face fabric, with a PU coating and FC finish. It offers high strength, excellent abrasion and maximum protection, plus a choice of printed and dyed options.



MULTICAM®

Carrington Textiles is proud to be the first company given a license to print the MultiCam® design outside of the US and China. Currently available in standard MultiCam® design with three additional designs being added to the range. Full marketing and branding support is available to enhance sales of this ground breaking camouflage design.



Spartan

50% cotton / 50% nylon
210gsm, Plain with ripstop

Spartan is a medium tenacity fabric, composed of a nylon 6.6 and cotton blend (50/50 NyCo.) It features a ripstop weave for additional strength.

SUBSTRATE OPTIONS

Combat Uniform

FABRIC	WEIGHT(S) GSM	COMPOSITION	WEAVE
EOL Stretch*	130, 200, 230 & 265	Various polyester / cotton & cotton rich	Various
Xtraflex (Mechanical stretch)	170, 205, 220 & 260	65% polyester / 35% cotton	2/1 twill
Fuji	155	65% polyester / 35% cotton	Plain with ripstop
Spartan HT Lite	175	57% nylon HT / 43% cotton	Plain with ripstop
Teredo	195	65% polyester / 35% cotton	2/1 twill
Raptor	200	88% cotton / 12% nylon	2/2 twill with ripstop
Harrier	200	65% cotton / 35% polyester	Plain with ripstop
Hudson	210 & 270	65% polyester / 35% cotton	Plain with ripstop
Spartan	210	50% cotton / 50% nylon	Plain with ripstop
Delta	210	65% polyester / 35% cotton	2/1 twill
Python	235	70% polyester / 30% cotton	3/1 twill
Cooltex	215 & 275	50% polyester / 50% cotton	4/1 satin
Tomboy	245	65% polyester / 35% cotton	2/1 twill
Troy	245	60% cotton / 40% polyester	2/1 twill
Spartan HT Plus	250	50% cotton / 50% nylon HT	Plain with ripstop

* Available in dyed only.

Equipment

FABRIC	WEIGHT(S) GSM	COMPOSITION	WEAVE
Tornado PUFC	250	100% high tenacity nylon	Plain
Tempest PUFC	290	100% high tenacity nylon	Plain
Hurricane PUFC	370	100% high tenacity nylon	Plain

Flame Retardant

FABRIC	WEIGHT(S) GSM	COMPOSITION	WEAVE
Flamestat	145, 225, 290 & 345	Various cotton rich with antistatic	Various
Dakota	175	95% cotton / 5% polyester	Ripstop
Flameshield	185, 230, 280, 340 & 400	100% cotton	Various
Fury	235	88% cotton / 12% nylon	2/2 twill with ripstop
Reaper	235	65% cotton / 35% polyester	Plain with ripstop
Flametougher 280AS	280	79% cotton / 20% CORDURA® / 1% antistatic	3/1 twill

CORDURA® is a trademark of INVISTA.

Waterproof Outers

FABRIC	WEIGHT(S) GSM	COMPOSITION	WEAVE
Yukon Pro 3	125	100% nylon	Ripstop
Falcon Pro 2.5	155	100% nylon face, PTFE membrane, polymeric layer	2/2 twill
Falcon Pro 3	170	100% nylon face, PTFE membrane, nylon knit reverse	2/2 twill
Ambler Pro 3	175	100% nylon	2/1 twill
Jupiter Pro 3	180	100% nylon	Plain
Dakota Pro 3	245	95% cotton / 5% polyester, PTFE membrane, nylon knit	Ripstop

Clothing armies worldwide for over 90 years

At Carrington Textiles we are proud of our strong, longstanding relationship with national military forces and major defence companies across the globe. This has been the result of a combination between our state of the art facilities and advanced dyeing and printing technologies, our global sales and customer service network, and the wide range of patterns we have available.

Our Defence fabrics deliver the ultimate in protection, functionality and durability, offering fabrics that are multifunctional and designs that can be customised to your needs.

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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CARRINGTON TEXTILES

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