



**CARRINGTON**  
TEXTILES

# DEFENCE COLLECTION

PROTECTION | MULTIFUNCTION | DURABILITY | PERFORMANCE

**SHAPING THE FUTURE OF FABRIC**



# ▶ SHAPING THE FUTURE OF FABRIC

At Carrington Textiles we specialise in the development of military and security fabrics with exceptional performance in the most demanding defence environments.

Our textiles have supported armed forces across the globe for decades, and with our international network of factories, sales people and agents, we ensure they meet the needs of military operations wherever they are deployed.

# A Truly Global Textile Manufacturer

We innovate to meet the toughest standards required by modern defence forces across varied terrains and operational needs.

By working closely with military procurement teams and uniform manufacturers worldwide, we bring unmatched insight into the evolving requirements of combat and tactical missions.



## 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





## COMBAT UNIFORM FABRICS

### NYCO



**SPARTAN HT LITE**  
175gsm

Soft finish  
Plain with Ripstop

57% nylon  
43% cotton



**SPARTAN HT FLEX LITE**  
195gsm

Soft finish  
Plain with Ripstop

61% nylon  
37% cotton  
2% LYCRA

**STRETCH**



**SPARTAN HT**  
210gsm

Soft finish  
Plain with Ripstop

50% nylon  
50% cotton



**SPARTAN HT PLUS**  
250gsm

Soft finish  
Plain with Ripstop

50% cotton  
50% nylon



CORDURA is a trademark of INVISTA.



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

### POLYESTER/COTTON



**FUJI**  
155gsm

Moisture management  
Plain with Ripstop

65% polyester  
35% cotton



**TEREDO**  
195gsm

Crease resist finish  
2/1 twill

65% polyester  
35% cotton



**DELTA**  
210gsm

Crease resist finish  
2/1 twill

65% 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



**HUDSON**  
270gsm

Moisture management  
Plain with Ripstop

65% polyester  
35% cotton

# STRENGTH WHERE IT HITS. FLEX WHERE IT COUNTS

Today's armed forces need fabrics that are as resilient as their mission. Engineered with **CORDURA® high tenacity nylon** for proven durability and enhanced with **LYCRA® fibre** in our pioneering **Spartan HT Flex Lite** for superior mobility and comfort, these fabrics deliver next-level performance for demanding operations.



**3-4x**

More durable than 100% cotton for extended field operations



**Enhanced mobility**

From stretch blends, ideal under body armour



**Dry comfort**

With breathable, moisture-absorbing performance



**20% stronger**

Weave and stretch reduce rips at stress points



**No melt, no drip**

Flame-resistant protection for high-risk environments



**Fewer uniforms**

Less replacements thanks to increased wear life



## COMBAT UNIFORM FABRICS

### COTTON RICH



**HARRIER**  
200gsm

Crease resist finish  
Plain with Ripstop

65% cotton  
35% polyester



**RAPTOR**  
200gsm

Crease resist finish  
2/2 twill with Ripstop

88% cotton  
12% nylon



**COOLTEX 3**  
275gsm

Crease resist finish  
4/1 satin

50% cotton  
50% polyester

### FLAME RETARDANT



**EXCALIBUR 180**  
180gsm

Inherent FR  
Ripstop

55% FR viscose  
28% para-aramid  
15% nylon  
2% antistatic



**FLAMESHIELD**  
185gsm

Flame retardant  
Plain

100% cotton



**EXCALIBUR 210**  
210gsm

Inherent FR  
Ripstop

55% FR viscose  
28% para-aramid  
15% nylon  
2% antistatic



**REAPER**  
235gsm

Flame retardant  
Ripstop

65% cotton  
35% polyester



**NEVADA**  
265gsm

Flame retardant  
Plain with Ripstop

50% cotton  
50% nylon



# ENIGMA MULTI-TERRAIN PATTERN

## Advanced Concealment & IR Signature Management

Developed for modern combat operations, Enigma is a camouflage pattern engineered to provide exceptional concealment across diverse landscapes while disrupting infrared detection. Printable on any

substrate, Enigma combines advanced camouflage science with a heritage of battle-proven patterns, enhancing survivability in both natural and artificial surveillance conditions.



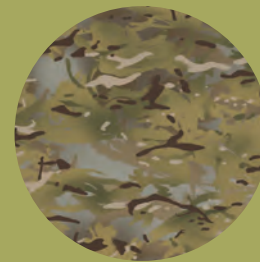
### BLENDING ACROSS ENVIRONMENTS

- Designed for woodland, scrub & arid landscapes.
- Textures & tonal transitions enhance natural blending.
- Inspired by classic DPM woodland & desert designs.



### ADVANCED IR SIGNATURE CONTROL

- Chlorophyll Region Adaptation: Reduces visibility in foliage-rich environments.
- Near-IR & SWIR Disruption: Breaks up silhouette under night vision & detection systems.
- Colour Separation for NVG Resilience: Minimises recognisable shapes in low light ops.



### SUBTLE DETAIL & DESIGN ENHANCEMENTS

- Carefully selected colour profiles for enhanced disruption.

**Please note:** The image above serves as a reference for the Enigma pattern. Colours may vary in final fabric production.



## CBRN FABRICS



**DAKOTA**  
175gsm

Flame retardant  
Plain with Ripstop

95% cotton  
5% polyester



## EQUIPMENT FABRICS



**TORNADO PUFC**  
250gsm  
550D

PU coated & splashgard  
Plain

100% nylon  
+ PU coating



**TEMPEST PUFC**  
290gsm  
770D

PU coated & splashgard  
Plain

100% nylon  
+ PU coating



**HURRICANE PUFC**  
370gsm  
1100D

PU coated & splashgard  
Plain

100% nylon  
+ PU coating



## WEATHERPROOF FABRICS



**ENVOY**  
64gsm

PFAS free repellent  
and Cire finish  
Ripstop

100% recycled  
polyamide  
(nylon 6)



**YUKON PRO 3**  
125gsm

Splashgard  
Plain with Ripstop

100% nylon  
+ PTFE membrane



**CLEVELAND PRO 2**  
140gsm

Knit

60% modacrylic  
40% cotton  
+ PTFE membrane

# Gear that bears the load. Fabrics that complete the mission.

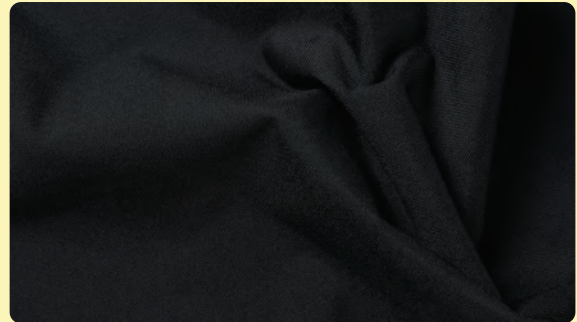
From vests and belts to plate carriers and pouches, the protection layer demands fabrics engineered for extreme durability, resistance and load-bearing strength. Our specialist equipment fabrics, both laminated and non-laminated, deliver the resilience required for today's operational environments, without compromising weight or operational performance.

## Non-laminated options:



### HURRICANE PUFC

A heavyweight nylon fabric built for durability. PU coating shields against the elements while splashgard repels chemicals, oils and water, keeping the gear clean, dry and ready.



### TORNADO PUFC

Constructed from 100% high tenacity nylon for unmatched strength. PU coating and splashgard provide weather defence and chemical resistance, ensuring lasting performance in harsh conditions.

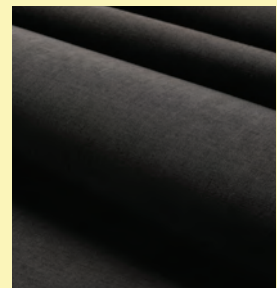
## Laminated options - ProTact by Haartz®

**ProTact by Haartz® GmbH** Technical laminates set a new benchmark for military-grade performance. Developed for the extreme demands of tactical equipment including rucksacks, load-carrying systems, vests, pouches and more.



### PROTACT G510.1

**500D/1000D**  
Available in Black, Coyote Brown and MultiCam®.



### PROTACT G55.1

**500D/500D**  
Available in Black, Coyote Brown and Ranger Green.

Carrington Textiles is an authorised distribution partner of ProTact by Haartz® GmbH across Europe, the Middle East, Africa, Australia and New Zealand.

# MULTICAM®: Adaptable concealment for a range of environments

MultiCam® patterns are designed for effectiveness in diverse operational environments - from desert and woodland to urban and alpine.

Used worldwide by military and tactical forces, this proven system of patterns delivers low visual and NIR signature concealment where it matters most.

Fabric Distributor of  
**MULTICAM®**



#### Adaptable coverage

Suited for operations in tundra, desert, temperate, woodland, jungle and snow.



#### Family of patterns

Work alone or together to cover every environment.



#### Low detection

Reduces signature across visual and near-infrared spectrums.



#### Mission tested

Deployed globally by armed forces and tactical units.



#### Built on optical science

Manipulates shape, colour and space to disrupt detection.

## MultiCam® Patterns



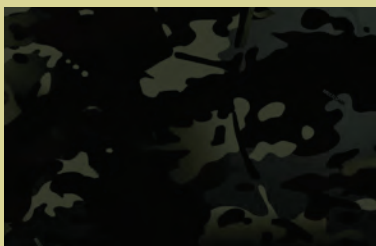
**MultiCam® Core** pattern for varied environments



**MultiCam® Arid™** Optimised for open, dry terrain



**MultiCam® Tropic™** Tailored to dense jungle ops



**MultiCam® Black™** For urban and law enforcement roles



**MultiCam® Al-pine™** Effective in snow-covered terrain

**MultiCam® patterns take advantage of the way the human eye and brain perceive shape, volume, and colour. Since only a very small portion of the human eye perceives colour, the brain does a lot of “filling-in” for the eye.**

# Your uniform, our fabrics: See the configuration

Get a clear, layer by layer breakdown of where our fabrics power today's combat uniforms. From base layer to equipment, choose a textile that delivers protection, durability and mission ready performance.



## Base Layer

Next-to-skin comfort with natural FR from quality Merino wool. Optimised for moisture control and heat transfer.



## Combat Layer

Lightweight, functional and mission ready. Optional full FR protection.



## Insulation Layer

Warmth without weight. Stowable design for cold weather adaptability.



## Outer Layer

Weather defensive. Lightweight, stowable and breathable for operational flexibility.



## Equipment

Heavy-duty durability for tactical vests, rucksacks, carriers, pouches and load-bearing gear.

Layer	Fabric Details
1. Base Layer	In development. Ask your sales representative for details.
2. Combat Layer	Pages 04 and 06
3. Insulation Layer	Page 08 (Weatherproof)
4. Outer Layer	Page 08 (Weatherproof)
5. Equipment	Page 08

THE RIGHT FABRIC, THE RIGHT LAYER

Scan to find your sales representative.

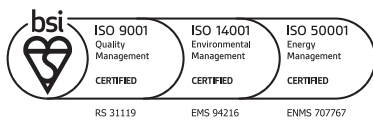


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## CERTIFICATES



For more information please visit:

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

