



Arktis[®]
ELITE

HWCS LINE SHEET

PRE-ORDER

HOT WEATHER CLOTHING SYSTEM



// ABOUT US

In 1985, a former Royal Marine founded Arktis with a mission to create superior military gear. Today, Arktis continues to produce specialist clothing and equipment for military and Law Enforcement, staying true to the “**Quality of Endurance**” motto established in the 1980s.

At Arktis, our approach to design is driven by real world experience from tier one operators. We design, prototype, and refine our products in-house in the UK to ensure the highest quality, fuelling our passion for innovation. Arktis products evolve through incremental, operator-driven improvements.

We are proud of our history and excited for the future, and we look forward to sharing our next breakthroughs and supporting our Military and Law Enforcement partners across the Globe. Our in-house R&D lab and UK manufacturing facilities offer operators a unique opportunity to collaborate on exclusive projects and tailor-made solutions with the Arktis team. Advanced design, combined with technical fabric innovation, enables us to develop cutting-edge products that embody our design ethos: **Fabric, Fit, Function**.



HOT CLIMATES

In hot, arid and humid climates, the combination of heat and persistent moisture can rapidly drain your energy and concentration.

Gear built to be ultralight, breathable, and quick to dry moves sweat away from the body and encourages continuous airflow helping maintain comfort, reduce overheating, and keep you operational for longer in hot conditions.

ARKTIS HOT WEATHER SYSTEM

Purpose-built for operations in hot, humid and tropical climates, our latest HWCS prioritises breathability and low-bulk performance. Constructed from an ultra-lightweight, quick-dry rip-stop, the fabric actively moves moisture away from the skin while delivering UV defence.

Mesh-lined pockets reduce weight, and speed up drying times and mesh vents promote airflow. The overall streamlined construction minimises excess mass and heat retention, helping reduce thermal load during prolonged wear.



WHAT IS UV PROTECTIVE CLOTHING?

UV protective clothing is designed to block or absorb ultraviolet radiation (UVR) from the sun before it can reach the skin.

It protects skin against sunburn and skin cancer.

HOW DOES UV PROTECTIVE FABRIC WORK?

1. Tight weave densities are used. Yarns are woven very tightly so less UV light passes through.
2. Synthetic fibres like polyester, nylon, and acrylic are used as they naturally absorb more UV.
3. UV absorbers are applied (e.g. titanium dioxide, zinc oxide, or UV-blocking dyes) These act by absorbing or scattering UV light before it reaches the skin.

UPF Rating		% UV blocked	Protection Category
15-24		93-95%	Good
25-39		96-97%	Very Good
40-50+	ARKTIS HWCS	97.5-98%+	Excellent

We have carefully selected fabric with the highest protection performance, using tightly woven synthetic fibres to block out 98% of UV light.

MOISTURE MANAGEMENT

Working along-side the UV protection, our HWCS garments offer a robust moisture management system to improve comfort as well as keeping you protected from UV rays. Wet fabric is less effective at blocking UV, so we made sure that our fabric is quick drying.

The fabric works to draw perspiration away from the skin and quickly evaporate, making it perfectly suited to high-activity and hot environments.



// PRE-ORDER ITEM



// HWCS SHIRT

PRODUCT CODE: A170

SIZES: XS - 3XL

GARMENT WEIGHT: FABRIC 1. 480g (size L)
FABRIC 2. 521g (size L)

FABRIC: 1. 100% Nylon Rip-stop /100gm² /
UV Protect / Moisture Management
(Multicam, Multicam Arid, Multicam Tropic)

2. 82% Polyester/ 12% Cotton Rip-stop /136gm² /
UV Protect / Moisture Management
(Black, Ranger Green, Coyote, Comb Arid)

FIT: Classic Fit

FUNCTION: The A170 is a Lightweight Hot Climate shirt with an ergonomic fit made from high performance quick dry fabric. The lightweight durable rip-stop combined with mesh venting helps maintain comfort and reduce overheating.

KEY FEATURES:

- Chest and underarm vents with mesh lining
- Action back for superior movement
- Concealed button placket
- Upper sleeve pockets with zipped entry
- Adjustable Velcro cuff



DURABLE LIGHTWEIGHT FABRIC



BREATHABLE FABRIC



// PRE-ORDER ITEM



// HWCS UB

PRODUCT CODE: DV291

SIZES: S -3XL

GARMENT WEIGHT: FABRIC 1. 334.8g (size L)
FABRIC 2. 365g (size L)

FABRIC: 1. 100% Nylon Rip-stop /100gm² /
UV Protect / Moisture Management

(Multicam, Multicam Arid, Multicam Tropic)

2. 82% Polyester/ 12% Cotton Rip-stop /136gm²
/ UV Protect / Moisture Management

(Black, Ranger Green, Coyote, Comb Arid)

FIT: Classic Fit

FUNCTION: The DV291 is a lightweight under armour shirt with a contemporary look, ergonomic fit and made from high performance fabrics for the hot weather environment, made from a lightweight durable rip-stop.

KEY FEATURES:

- Robust chest yoke with loop patches
- Upper sleeve pockets with zipped entry
- Flat seams, to reduce abrasion
- Adjustable hook and loop cuff
- Optional elbow pad pockets can be added on request



DURABLE LIGHTWEIGHT FABRIC



BREATHABLE FABRIC

MULTICAM RRP: £250.00*

SOLID COLOUR RRP: £140.00*

// PRE-ORDER ITEM



// HWCS JACKET

PRODUCT CODE: DV189

SIZES: XS -3XL

GARMENT WEIGHT: FABRIC 1. 699.8g (size L)
FABRIC 2. 750g (size L)

FABRIC: 1. 100% Nylon Rip-stop /100gm² /
UV Protect / Moisture Management

(Multicam, Multicam Arid, Multicam Tropic)

2. 82% Polyester/ 12% Cotton Rip-stop /136gm² /
UV Protect / Moisture Management

(Black, Ranger Green, Coyote, Comb Arid)

FIT: Classic Fit

FUNCTION: The DV189 is a lightweight jacket with a unrestrictive cut, made from high performance fabric for the hot weather. A lightweight durable rip-stop combined with mesh venting encourages continuous airflow.

KEY FEATURES:

- Underarm venting zippers
- Action Back for superior movement with mesh lining
- Zipped chest, waist and sleeve pockets
- Four Piece adjustable hood
- Adjustable button cuff



DURABLE LIGHTWEIGHT FABRIC



BREATHABLE FABRIC

MULTICAM RRP: £375.00*

SOLID COLOUR RRP: £180.00*



// PRE-ORDER ITEM



// HWCS TROUSERS

PRODUCT CODE: C250

SIZES: Waist: 28" - 38" / Leg: Reg - XL

GARMENT WEIGHT: FABRIC 1. 620g (size L)
FABRIC 2. 661g (size L)

FABRIC: 1. 100% Nylon Rip-stop /100gm² /
UV Protect / Moisture Management
(Multicam, Multicam Arid, Multicam Tropic)

2. 82% Polyester/ 12% Cotton Rip-stop /136gm² /
UV Protect / Moisture Management
(Black, Ranger Green, Coyote, Comb Arid)

FIT: Classic Fit

FUNCTION: The C250 is a lightweight version of our contact trouser, made from high performance fabrics for the hot weather environment. Lightweight durable rip-stop combined with mesh venting makes it more breathable than our classic contact trouser.

KEY FEATURES:

- Inserted thigh pockets to minimise layers of fabric and increase breathability
- Ergonomic knee panel with zipped opening and back adjusters
- Cordura Instep reinforcement
- Rear calf zips
- Mesh Pocket bags
- Internal leg gaiters with insect repellent finish



DURABLE LIGHTWEIGHT FABRIC



BREATHABLE FABRIC

MULTICAM RRP: £400.00*

SOLID COLOUR RRP: £230.00*

arkislt.co.uk

*Prices subject to change

MULTICAM

COMB ARID

COYOTE

RANGER GREEN

BLACK



// PRE-ORDER ITEM



// HWCS BOONIE

PRODUCT CODE: DV182

SIZES: ONE SIZE

GARMENT WEIGHT: FABRIC 1. 79.6g (size L)
FABRIC 2. 80g (size L)

FABRIC: 1. 100% Nylon Rip-stop /100gm² /
UV Protect / Moisture Management
(Multicam, Multicam Arid, Multicam Tropic)

2. 82% Polyester/ 12% Cotton Rip-stop /136gm²
/ UV Protect / Moisture Management
(Black, Ranger Green, Coyote, Comb Arid)

FIT: Classic Fit

FUNCTION: The DV182 Boonie hat offers superior sun protection and all-day comfort. The brim shields your face and neck from harsh rays. The adjustable chin strap ensures a secure fit, while the side ventilation eyelets keep you cool.

KEY FEATURES:

- PALS webbing strip around side wall
- Adjustable chin strap
- Internal red binding
- Mesh panel ventilation



DURABLE LIGHTWEIGHT FABRIC



BREATHABLE FABRIC

MULTICAM RRP: £125.00*

SOLID COLOUR RRP: £55.00*

arkisltd.co.uk

*Prices subject to change



MULTICAM
COMB ARID
COYOTE
RANGER GREEN
BLACK



MULTICAM
TROPIC

Item:	One (1) sample of material
Identification:	BKM F61382/B045763 - 7 - PO No. 4000028926- MultiCam
Purpose :	Transmittance or Blocking of Erythemally Weighted Ultraviolet Radiation through Fabrics; AATCC 183 Pilling Resistance and Other Related Changes of Textile Fabrics, Martindale Tester; ASTM D4790

Description: Sun protection & robust moisture management system, 56.5" cuttable

Characteristics		Spec.	Additional Information	Test Method
Weight (oz per sq yd)		3.35	(Min)	ASTM D-3776, Option C
Weight (oz per sq yd)		3.85	(Max)	ASTM D-3776, Option C
Finished width (Inches)		56.5		ASTM D-3774, Option B
Count/ yarns per inch	Warp	104	(Min)	ASTM D-3775
	Fill	52	(Min)	
Breaking Strength (lbf)	Warp	140	(Min)	ASTM D-5034
	Fill	95	(Min)	
Tearing Strength (lbf)	Warp	9.5	(Min)	ASTM D-1424
	Fill	9.0	(Min)	
Dimensional Stability (%)	Warp	5.5	(Max)	AATCC-135 (5 cycles)
	Fill	2.0	(Max)	
Air Permeability (CFM)		15	(Min)	ASTM D-737
Pattern Execution (in)		22.75-26.5	(Min)	ASTM D-737
Colorfastness / Lighting				
Lightfastness/ 40 hours				
Cream, Olive, Tan, Pale Green		3	(Min)	AATCC-16 Option 1 or 3
Brown, Dark Green, Dark Brown		3-4	(Min)	
Colorfastness / Laundering				
Color Change & Staining (All Colors)		3-4	(Min)	AATCC-61-3A (X3)
Colorfastness / Crocking				
Dry (All Colors)		3.5	(Min)	AATCC-8
Wet (All Colors)		3.5	(Min)	
Perspiration / Color Change				AATCC-15
Change Alkaline (All Colors)		3-4	(Min)	
Change Acid (All Colors)		3-4	(Min)	
Perspiration / Color Stain				
Alkaline (All Colors)		3-4	(Min)	
Acid (All Colors)		3-4	(Min)	
Absorbency (seconds)		5	Initial (Max)	AATCC-79
Absorbency (seconds)		30	3 Launderings (Max)	AATCC-79/ AATCC-135 3,III,Aiii
Yarn Ply				
Weave		RIPSTOP		
Color Standard		Commercial match acceptable		
Skew and Bow Bias		Maximum 1.5 inches across width (selvedge to selvedge)		
Packing Instructions		Poly bags/rolls 2" ID cores. Roll size = 125vds		





// COLOURWAYS AND FABRIC SPECS

BLACK

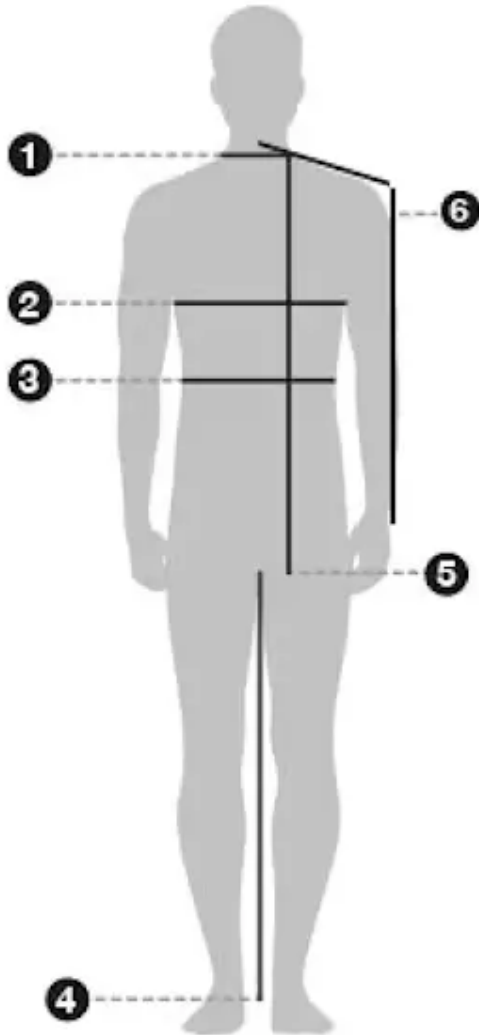
RANGER GREEN

COYOTE

COMB ARID

82% Polyester/ 12% Cotton Rip-stop /136gm² / UV Protect /
Moisture Management
(Black, Ranger Green, Coyote, Comb Arid)

MECHANICAL PROPERTIES		
TEST	STANDARD	VALUE
Dimensional change in washing and drying (%) warp	EN ISO 5077	-0.5
Dimensional change in washing and drying (%) weft		-0.5
Breaking force (N) warp	ISO 13934-1	450.4
Breaking force (N) weft	ISO 13934-1	406.1
Tear force (N) warp	ISO 13937-1	21.2
Tear force (N) weft	ISO 13937-1	24.7
Resistance to surface wetting (Spray test)	EN 24920, ISO 4920	≥4
Abrasion resistance	ISO 12947-2	20,000 ↑
Pilling	ISO 12945-2	4
Color fastness to light	EN ISO 105-B02	≥4
Color fastness to perspiration	EN ISO 105-E04	≥4
Color fastness to rubbing, dry	EN ISO 105-X12	≥4
Color fastness to rubbing, wet	EN ISO 105-X12	≥3
Color fastness to washing, change of color	EN ISO 105-C10	≥4
Color fastness to washing, staining, CO, PES	EN ISO 105-C10	≥4
Color fastness to Water	EN ISO 105-E02	≥4



1. COLLAR

measure around the base of the neck where the collar sits.

2. CHEST

measure the chest at the fullest part, placing the tape close up under the arms.

3. WAIST

measure the natural waistline.

4. INSIDE LEG

measure from the crotch to where your trouser is normally worn on the shoe.

5. BODY LENGTH

To determine top length requirements, measure from the centre back of your neck line to the natural hemline. Jacket lengths vary depending on the style or the fit of the garment.

6. SLEEVE LENGTH

Stand with your arm raised and bent 90 degrees at the elbow

1. Start with the tape at the nape of your neck, measure across to your shoulder

2. Continue from your shoulder down to your elbow

3. And finally from your elbow to the bone in your wrist

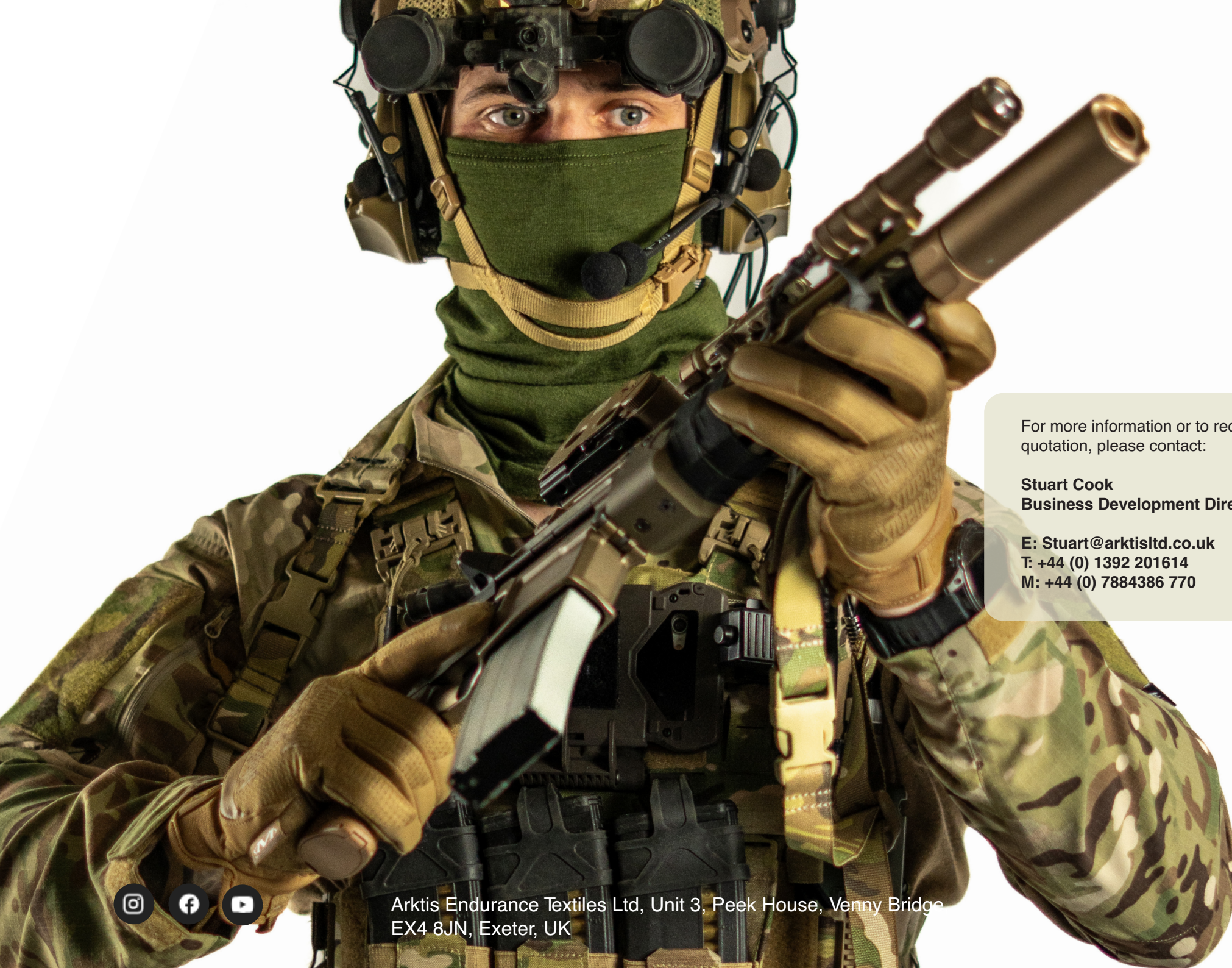
Please note that the measurements provided refer to the garment itself, not the body measurements of the wearer.

DV291 HWCS UB	S	M	L	XL	2XL	3XL
BACK BODY LENGTH	75.5CM	75.5CM	75.5CM	77.5CM	77.5CM	77.5CM
CHEST	110CM	115CM	120CM	125CM	130CM	135CM
SLEEVE LENGTH	81.2CM	82.6CM	84CM	85.4CM	86.8CM	88.2CM

A170 HWCS SHIRT	S	M	L	XL	2XL	3XL
BACK BODY LENGTH	74.2CM	76.6CM	79CM	81.4CM	83.8CM	86.2CM
CHEST	114CM	119CM	124CM	129CM	134CM	139CM
SLEEVE LENGTH	65CM	66CM	67CM	68CM	69CM	70CM

DV189 HWCS JACKET	S	M	L	XL	2XL	3XL
BACK BODY LENGTH	74.5CM	77CM	79.5CM	82CM	83.5CM	85CM
CHEST	117CM	124CM	129CM	134CM	139CM	145CM
SLEEVE LENGTH	82CM	84CM	86CM	88CM	90CM	92CM

C250 HWCS PANT	28	30	32	34	36	38
WAIST	80.5CM	85.5CM	90.5CM	95.5CM	100.5CM	105.5CM
HIP	104CM	109CM	114CM	119CM	124CM	129CM
HEM	42CM	43CM	44CM	45CM	46CM	47CM
INSIDE LEG	REG: 77.5CM L: 80.5CM XL: 83.5CM	REG: 77.5CM L: 80.5CM XL: 83.5CM	REG: 80.5CM L: 83.5CM XL: 86.5CM	REG: 83.5CM L: 86.5CM XL: 89.5CM	REG: 83.5CM L: 86.5CM XL: 89.5CM	REG: 86.5CM L: 89.5CM XL: 92.5CM



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