



STAB RESISTANT BODY ARMOUR CATALOGUE



DESIGN | DEVELOP | MANUFACTURE | SUPPLY

defencecomposites.co.uk





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ABOUT US

Defence Composites Ltd was incorporated in 2000 and has for over 20 years been introducing a succession of evolutionary and revolutionary products and concepts.

Design and development has been based on the long term defence and manufacturing experience of its founder Craig Mills.

Experience that dates back over 35 years and involves a period as Body Armour Adviser to the NATO Soldier Modernisation Program, and the supply of standard and specialised body armour products to the UK Ministry of Defence and Defence Organisations around the world.

Defence Composites has combined innovative and unique production methods with state of the art materials technology to become one of the leading producers of specialised stab and ballistic personal protection. We can offer comprehensive technical and commercial product support for the UK and export market.

Our consolidated in-house manufacturing facility produces all types of armour and armour products in one factory. DC have built a manufacturing system and facility that allows the complementary and simultaneous production of different types of hard and soft body armour materials and products.

OUR PRODUCTS

Defence Composites Ltd manufacture all their protective armour products in accordance to international standards.

We use independent accredited test facilities to regularly test our products to maintain the very latest standards and protection required by our customers.

All our products are manufactured in the UK to the ISO9001:2015 and ISO14001:2015 Quality Management Standard.



OUR PASSION AS A COMPANY FOR THE WHOLE PROCESS OF DESIGN, DEVELOPMENT AND INTO MANUFACTURE IS WHAT DRIVES THE BUSINESS FORWARD.

PRODUCT CODE - DC2002

PROTECTION LEVEL - PANELS ONLY

- Model - DC-F5
- Tested and conforms to UK and International standards
- HO standard Knife Resistance KR1
- NIJ standard 0115.00 Level 1
- Blunt trauma protection
- Hypodermic needle protection

INNER PANEL MATERIAL

- Moulded 5mm modified polycarbonate panels
- Impact protection foam
- Water resistant PU cover

OUTER CARRIER COVERS

- Available in OVERT style cover
- 2 front pleat pockets
- Velcro patches front and back for badges
- Cordura® nylon outer material
- Spacer mesh ventilation lining or temperature regulating Outlast® lining
- Double Velcro or low-profile close shoulder straps
- Adjustable waist side straps
- YKK front opening zip
- Radio loops

CE marked to PPE Regulation (EU) 2016/425

SIZES

- S – 6XL
- Male and Female
- Made to measure bespoke
- Regular and Long length

PANEL WEIGHT (SIZE LARGE)

- 1.9kg

COLOURS

- Black, Navy, Hi Viz Yellow, Orange, Royal blue, Red, Paramedic Green, White, Burgundy

OPTIONS

Klick fast radio docks, Velcro patches, badges/heat transfers, lumbar support pad, epaulettes, reflective tape, MOLLE webbing tape, belt loops, ID badge holder, internal zip or external box pockets

OVERT STAB VEST



GUARANTEE

- Panels - Recurring 5 year guarantee when partnered with 'Product Check Up Programme'*
- Covers - 1-year workmanship and materials

PRODUCT CARE

- Outer cover machine washable at 30°C
- Replacement and spare covers available to order



PRODUCT CODE - DC2006

PROTECTION LEVEL – PANELS ONLY

- Model - DC-F5
- Tested and conforms to UK and International standards
- HO standard Knife Resistance KR1
- NIJ standard 0115.00 Level 1
- Blunt trauma protection
- Hypodermic needle protection

INNER PANEL MATERIAL

- Moulded 5mm modified polycarbonate panels
- Impact protection foam
- Water resistant PU cover

OUTER CARRIER COVERS

- Available in OVERT style cover
- Encapsulated reflective tape
- Velcro patches front and back for badges
- Reinforced radio loops
- 2 front pleat pockets
- Cordura® nylon outer material
- Spacer mesh ventilation lining or temperature regulating Outlast® lining
- Double Velcro or low-profile close shoulder straps
- Adjustable waist side straps
- YKK zips

CE marked to PPE Regulation (EU) 2016/425

SIZES

- S – 6XL
- Male and Female
- Made to measure bespoke
- Regular and Long length

PANEL WEIGHT (SIZE LARGE)

- 1.9kg

COLOURS

Black, Navy, Hi Viz Yellow, Orange, Royal blue, Red, Paramedic Green, White, Burgundy

OPTIONS

Klick fast radio docks, Velcro patches, badges/heat transfers, lumbar support pad, epaulettes, reflective tape, MOLLE webbing tape, belt loops, ID badge holder, internal zip or external box pockets

GUARANTEE

- Panels - Recurring 5 year guarantee when partnered with 'Product Check Up Programme'*
- Covers - 1-year workmanship and materials

HI VIZ OVERT STAB VEST



PRODUCT CARE

- Outer cover machine washable at 30°C
- Replacement and spare covers available to order



CONTACT US

t: 01706 342015

e: info@defencecomposites.co.uk



PRODUCT CODE - DC2003

PROTECTION LEVEL – PANELS ONLY

- Model - DC-F5
- Tested and conforms to UK and International standards
- HO standard Knife Resistance KR1
- NIJ standard 0115.00 Level 1
- Blunt trauma protection
- Hypodermic needle protection

INNER PANEL MATERIAL

- Moulded 5mm modified polycarbonate panels
- Impact protection foam
- Water resistant PU cover

OUTER CARRIER COVERS

- Available in OVERT style cover
- Low profile design cover
- YKK front zip opening
- Side elastic straps
- Cordura® nylon outer material
- Spacer mesh ventilation lining or temperature regulating Outlast® lining
- Adjustable waist side straps

CE marked to PPE Regulation (EU) 2016/425

SIZES

- S – 6XL
- Male and Female
- Made to measure bespoke
- Regular and Long length

PANEL WEIGHT (SIZE LARGE)

- 1.9kg

COLOURS

- Black, Navy, Hi Viz Yellow, Orange, Royal blue, Red, Paramedic Green, White, Burgundy

OPTIONS

Klick fast radio docks, Velcro patches, badges/heat transfers, lumbar support pad, epaulettes, reflective tape, MOLLE webbing tape, belt loops, ID badge holder, internal zip or external box pockets

LOW PROFILE STAB VEST



GUARANTEE

- Panels - Recurring 5 year guarantee when partnered with 'Product Check Up Programme'*
- Covers - 1-year workmanship and materials

PRODUCT CARE

- Outer cover machine washable at 30°C
- Replacement and spare covers available to order



PRODUCT CODE - DC2001

PROTECTION LEVEL – PANELS ONLY

- Model - DC-F5
- Tested and conforms to UK and International standards
- HO standard Knife Resistance KR1
- NIJ standard 0115.00 Level 1
- Blunt trauma protection
- Hypodermic needle protection

INNER PANEL MATERIAL

- Moulded 5mm modified polycarbonate panels
- Impact protection foam
- Water resistant PU cover

OUTER CARRIER COVERS

- Available in COVERT style cover
- Cordura® nylon outer material
- Spacer mesh ventilation lining or temperature regulating Outlast® lining
- Double Velcro or low-profile close shoulder straps
- Adjustable waist side straps
- YKK zips

CE marked to PPE Regulation (EU) 2016/425

SIZES

- S – 6XL
- Male and Female
- Made to measure bespoke
- Regular and Long length

PANEL WEIGHT (SIZE LARGE)

- 1.9kg

COLOURS

- Black, Navy, Hi Viz Yellow, Orange, Royal blue, Red, Paramedic Green, White, Burgundy

OPTIONS

Klick fast radio docks, Velcro patches, badges/heat transfers, lumber support pad, epaulettes, reflective tape, MOLLE webbing tape, belt loops, ID badge holder, internal zip or external box pockets

COVERT STAB VEST



GUARANTEE

- Panels - Recurring 5 year guarantee when partnered with 'Product Check Up Programme'*
- Covers - 1-year workmanship and materials

PRODUCT CARE

- Outer cover machine washable at 30°C
- Replacement and spare covers available to order



PRODUCT CODE - DC2012

PROTECTION LEVEL – PANELS ONLY

- Model - DC-F5
- Tested and conforms to UK and International standards
- HO standard Knife Resistance KR1
- NIJ standard 0115.00 Level 1
- Blunt trauma protection
- Hypodermic needle protection

INNER PANEL MATERIAL

- Moulded 5mm modified polycarbonate panels
- Impact protection foam
- Water resistant PU cover

OUTER CARRIER COVERS

- Available in OVERT TABARD style cover
- Water resistant outer cover with reflective tape
- Double ended zipper for easy adjustment with sitting or driving
- Single pocket
- Radio loops
- Cordura® nylon outer material
- Spacer mesh ventilation
- Internal adjustable waist side straps
- YKK zips

CE marked to PPE Regulation (EU) 2016/425

SIZES

- S – 6XL
- Male and Female
- Made to measure bespoke
- Regular and Long length

PANEL WEIGHT (SIZE LARGE)

- 1.9kg

COLOURS

- Black, Navy, Hi Viz Yellow, Orange, Royal blue, Red, Paramedic Green, White, Burgundy

OPTIONS

Klick fast radio docks, Velcro patches, badges/heat transfers, lumber support pad, epaulettes, reflective tape, MOLLE webbing tape, belt loops, ID badge holder, internal zip or external box pockets

TABARD STYLE OVERT STAB VEST



GUARANTEE

- Panels - Recurring 5 year guarantee when partnered with 'Product Check Up Programme'*
- Covers - 1-year workmanship and materials

PRODUCT CARE

- Outer cover machine washable at 30°C
- Replacement and spare covers available to order



CONTACT US

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BODY ARMOUR KIT CARRY BAG



MODEL - DC4000

MATERIAL

- Military spec 100% Nylon outer with reinforced stitching throughout

FEATURES

- Strong webbing straps
- Short carry handles
- Adjustable shoulder carry strap
- 2 x badge pockets
- Reinforced piped seams
- Water repellent
- Easy care and machine washable at 30C
- 1 year Workmanship Warranty
- Black

SIZES

- Standard size – to carry up to one stab or ballistic vest, spare cover and Hard Armour Plates
- Large size – to carry up to one full riot suit or cell extraction suit including limb protectors



BODY ARMOUR BESPOKE COVERS



Local council overt vest in burgundy



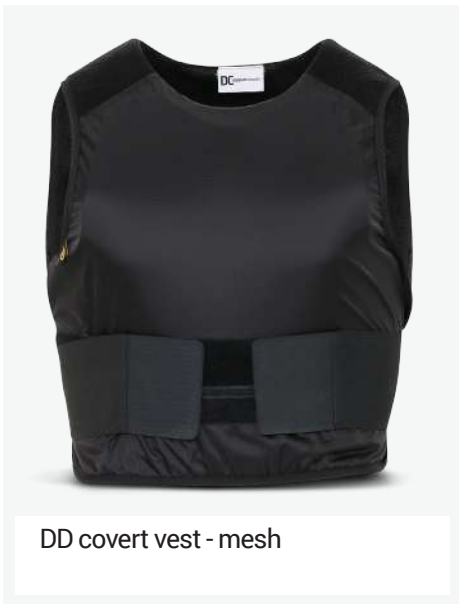
Parking Enforcement team



Navy overt



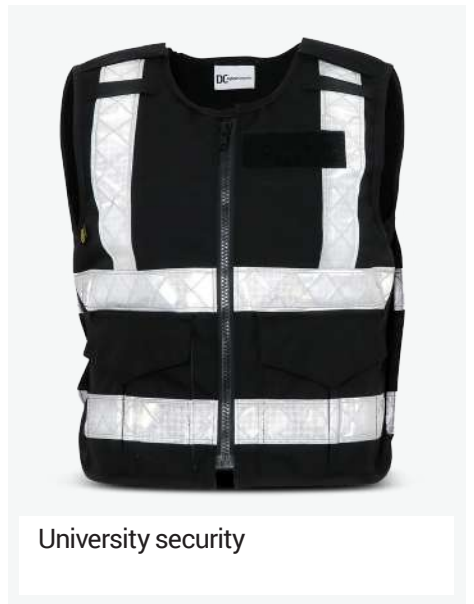
Airport security - navy with reflective tape



DD covert vest - mesh



Local council enforcement



University security

BODY ARMOUR

BESPOKE COVERS



US Police uniform carrier



Hospital security with side entry and bespoke pipe pockets



DC covert vest



Hospital Parking Security



Door supervisor vest



Two pocket tabard

TORNADO CANINE VEST

Designed and developed using feedback and testing results from the HM Prison Service and UK Police Forces.

MODEL - DC9000

FEATURES OF THE TORNADO HARNESS

- Outlast® lining material uses phase change technology to continually regulate and maintain body temperature
- Black military spec Cordura® nylon outer harness
- Webbing grab handle
- Metal ISC quick release load bearing buckles as standard
- Ergonomic design to allow free movement with minimal snag points for the dog
- Parachute V-Ring attachment point for leads
- 4 points of adjustment on chest and body
- Concealed zipper closure on upper and lower body to insert protective panels
- Velcro top for Camera Mount and ID Badge attachments

PROTECTION PANEL OPTIONS

Moulded 5mm modified polycarbonate panels can be inserted as required to protect against:

- Impact/Blunt Trauma
- Stab – Level KR1 or KR2
- Ballistic – Level II or Level IIIA
- Multi Threat – Various combinations of the above

COLOURS AND OPTIONAL FEATURES

- Police Navy and Multi-Camouflage/Tan. Other colours available with MOQ – Hi Viz Yellow.
- Bespoke Designs will require specific quotation and may be subject to MOQ
- Padded lining using 3D spacer mesh
- Cut / Slash resistant fabric lining
- Hi visibility reflective tape
- Velcro attach ID badges

The TORNADO Canine Vest offers a robust and dynamic day to day working harness with the emphasis on protection. Its unique modular design means this system can be adapted to meet the modern threats that service canines may encounter during their varied deployments.



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T 01706 342015

E info@defencecomposites.co.uk

Defence Composites Limited
Units 4/5 Heritage Park
Chichester Street
Rochdale OL16 2AU
United Kingdom

