

PPSS STAB RESISTANT VESTS

CATALOGUE 2018



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EMERGENCY BODY ARMOUR™

Emergency Body Armour™ is a new rapidly deployable 'device' offering the latest in globally respected and field-tested body armour technology, displaying truly outstanding protection from edged weapons, such as machetes and knives, as well as hypodermic needles.



Features & Benefits

- Rapidly Deployable
- Unlimited shelf life (compared to 3-5 years life span of Kevlar® made body armour)
- Outstanding protection from blunt force trauma (usually suffered following a kick, punch or blow from a blunt object)
- Shields the spine, ribs and all vital organs
- Extremely lightweight
- Ultra-thin

Who Is This Product Suitable For?

- Hospitals
- Airports
- Public Transport
- City Centre Hotels
- Concert/Entertainment Venues
- Private Security Firms
- Other location members of the public wanting to seek shelter when faced by a sudden occurring threat

Material

Inside: 5mm thin high performance polycarbonate
Cover: High quality covert cover made out of Cordura®

Stab Protection

Made from the same materials and composition as our KR1 Stab Resistant Vests
Tested in line with NIJ Standard
Additional side protection panels

Blunt Trauma Protection

Excellent level of protection from a kick, punch or blow – or blunt objects such as piece of iron, chair, table, bricks, etc.

Needle Protection

Excellent level of protection from narrower blades & hypodermic needles

Tested Energy Level 1

24 Joules – 7mm Maximum Penetration

Tested Energy Level 2

36 Joules – 20mm Maximum Penetration

One size

15" x 10" / approx. 39cm x 26cm

Weight

3.9lbs / 1.8kg

Colour

High Visibility Yellow or Black

Place of Manufacture

UK

Product Code

400307

IN CASE OF IMMEDIATE THREAT



Product: **PPSS KR1 Covert Stab Resistant Vest (5mm)**
 Model #: **400102**
 Protection Level: **HOSDB KR1 Stab + Blunt Trauma + Needle Protection**



Not only an effective stab resistant vest but this 5mm covert model also provides an excellent level of needle and blunt trauma protection.

Based on our own operational frontline experience and extensive research, we can only stress that an impact based assault is a more likely and frequent type of attack than an assault involving an edged weapon or firearm.

Features & Benefits

- Concealable and lightweight
- Shields the spine, ribs and all vital organs
- Multi-curvature body shapes
- Comfortably worn
- Easily put on and taken off within seconds
- Indefinite lifespan (compared to Kevlar's 3-5 year lifespan)

Who Is This Product Suitable For?

- Anyone dealing with high risk individuals, such as potentially violent or aggressive members of the public, drug users or dealers
- Those operating in geographical areas known for criminal activities, drugs, alcohol misuse and disturbances
- Lone workers frequently faced with frustrated and disappointed customers
- Home or office visitors that enforce laws and regulations, police the system or deliver bad news
- Individuals or teams that secure and protect property, events and people

Material

Inside	5mm thin polycarbonate sheets, moulded to the upper body shape Incorporates impact protective foam comfort layer
Cover	High quality covert cover made out of Cordura® – features a high-tech spacer fabric providing the highest level of comfort when worn in hot and humid environments

Stab Protection Tested and certified to HOSDB Knife Resistance Standard KR1

Blunt Trauma Protection Excellent level of protection from a kick, punch or blow – or blunt objects such as piece of iron, chair, table, bricks, etc.

Needle Protection Excellent level of protection from narrower blades & hypodermic needles

Tested Energy Level 1 24 Joules - 7mm Maximum Penetration

Tested Energy Level 2 36 Joules - 20mm Maximum Penetration

Sizes XS - 4XL

Weight 2.3KG (Size L)

Clothing Care Protective fillers easily removed so the outer cover can be machine washable

Colour Black or white

Place of Manufacture UK

Replacement Cover 700101



ALSO AVAILABLE IN DIFFERENT COLOURS AND BESPOKE DESIGNS



Product: **PPSS Stab Resistant Vest - Covert NIJ III**
 Model #: **400302**
 Protection Level: **NIJ 0115.00 Level III Stab + Spike + Blunt Trauma + Needle Protection**



Not only an extremely effective stab resistant vest but this NIJ Level III covert model also provides a truly outstanding level of protection from blunt impact weapons and blunt force trauma injuries.

Features & Benefits

- Outstanding level of protection from blunt force trauma
- Extremely tough and durable
- Front opening means full securing of the garment is extremely simple and fast
- World's best performance/cost ratio
- Unlimited shelf life
- Comfortably worn – exceptional manoeuvrability

Protection From The Following Threats:

- Blunt impact weapons - including hammers, clubs, bricks, snooker balls, gym weights
- High impact cutting weapons – including axes and machetes
- Makeshift edged weapons, shanks and razor blades
- Heavy assault, including kicks and punches
- Blunt trauma injury associated with all the above

Who Is This Product Suitable For?

- CERT (Correctional Emergency Response Teams)
- NTRG (National Tactical Response Groups)
- Tactical Support Units
- Prison Riot Teams
- Anyone operating within an environment known for criminal activities, drugs, alcohol misuse and disturbances, e.g. detention centres, immigration removal centre etc.
- Anyone dealing with high risk individuals, such as violent or aggressive members of the public, drug users or dealers, or other with a known history of serious violence.
- Individuals or teams that secure and protect property, events and people where violent incidents occur frequently.

Material

Inside Rigid body moulded panels made out of glass/ceramic composites providing an exceptionally high level of certified protection against stabbing weapons

Outer Cover High quality covert cover made out of Cordura® – features a high-tech spacer fabric providing the highest level of comfort when worn in hot and humid environments

Stab/ Spike Protection	NIJ 0115.00 Level III
Tested Energy Level 1	43 Joules - 7mm Maximum Penetration
Tested Energy Level 2	65 Joules - 20mm Maximum Penetration
Blunt Trauma Protection	Truly exceptional and previously unmatched level of protection from a kick, punch or blow - or blunt objects such as piece of iron, chair, table, bricks, etc.
Needle Protection	100% protection from hypodermic and tattoo needles
Sizes	L - 4XL
Weight	3.5kg
Panel Thickness	7mm + foam backing
Areal Density	12.5kg (27.8lbs) per sqm
Clothing Care	Durable machine washable covers
Colour	Black or white
Place of Manufacture	UK
Replacement Cover	700101



ALSO AVAILABLE IN DIFFERENT COLOURS AND BESPOKE DESIGNS



Product: **PPSS KR1 Overt Stab Resistant Vest (5mm)**
 Model #: **400105**
 Protection Level: **HOSDB KR1 Stab + Blunt Trauma + Needle Protection**



Not only an effective stab resistant vest but this 5mm overt model also provides an excellent level of needle and blunt trauma protection.

Based on our own operational frontline experience and extensive research, we can only stress that an impact based assault is a more likely and frequent type of attack than an assault involving an edged weapon or firearm.

Features & Benefits

- Lightweight
- Shields the spine, ribs and all vital organs
- Comfortably worn
- Easily put on and taken off within seconds
- Indefinite lifespan (compared to Kevlar's 3-5 year lifespan)
- Front zip fastening

Who Is This Product Suitable For?

- Anyone dealing with high risk individuals, such as potentially violent or aggressive members of the public, drug users or dealers
- Those operating in geographical areas known for criminal activities, drugs, alcohol misuse and disturbances
- Lone workers frequently faced with frustrated and disappointed customers
- Home or office visitors that enforce laws and regulations, police the system or deliver bad news
- Individuals or teams that secure and protect property, events and people

Material

Inside: 5mm thin polycarbonate sheets, moulded to the upper body shape
 Cover: High quality covert cover made out of Cordura® – features a high-tech spacer fabric providing the highest level of comfort when worn in hot and humid environments
 Adjustable Velcro shoulder & side straps
 Full front YKK zip for ease of removing and putting on the vest

Stab Protection Tested and certified to HOSDB Knife Resistance Standard KR1

Blunt Trauma Protection Excellent level of protection from a kick, punch or blow – or blunt objects such as piece of iron, chair, table, bricks, etc.

Needle Protection Excellent level of protection from narrower blades & hypodermic needles

Tested Energy Level 1 24 Joules - 7mm Maximum Penetration

Tested Energy Level 2 36 Joules - 20mm Maximum Penetration

Sizes XS - 4XL

Weight 2.3KG (Size L)

Clothing Care Protective fillers easily removed so the outer cover can be machine washed

Colour Black – additional colours available subject to minimum order quantity

Place of Manufacture UK

Replacement Cover 700102



ALSO AVAILABLE IN DIFFERENT COLOURS AND BESPOKE DESIGNS



Product: **PPSS Stab Resistant Vest - Overt NIJ III**
 Model #: **400301**
 Protection Level: **NIJ 0115.00 Level III Stab + Spike + Blunt Trauma + Needle Protection**



Not only an extremely effective stab resistant vest but this NIJ Level III overt model also provides a truly outstanding level of protection from blunt impact weapons and blunt force trauma injuries.

Features & Benefits

- Outstanding level of protection from blunt force trauma
- Extremely tough and durable
- Front opening means full securing of the garment is extremely simple and fast
- The world's best performance/cost ratio
- Unlimited shelf life
- Comfortably worn – exceptional manoeuvrability

Protection From The Following Threats:

- Blunt impact weapons – including hammers, clubs, bricks, snooker balls, gym weights
- High impact cutting weapons - including axes and machetes
- Makeshift edged weapons, shanks and razor blades
- Heavy assault, including kicks and punches
- Blunt trauma injury associated with all the above

Who Is This Product Suitable For?

- CERT (Correctional Emergency Response Teams)
- NTRG (National Tactical Response Groups)
- Tactical Support Units
- Prison Riot Teams
- Anyone operating within an environment known for criminal activities, drugs, alcohol misuse and disturbances, e.g. detention centres, immigration removal centre etc.
- Anyone dealing with high risk individuals, such as violent or aggressive members of the public, drug users or dealers, or other with a known history of serious violence.
- Individuals or teams that secure and protect property, events and people where violent incidents occur frequently.

Material

Inside Rigid body moulded panels made out of glass/ceramic composites providing an exceptionally high level of certified protection against stabbing weapons

Outer Cover Covers made out of military spec Cordura® 1000D - features a high-tech spacer fabric providing the highest level of comfort when worn in hot and humid environments
Full front YKK zip for ease of removing and putting on the vest

Stab/Spike Protection NIJ 0115.00 Level III

Tested Energy Level 1 43 Joules - 7mm Maximum Penetration

Tested Energy Level 2 65 Joules - 20mm Maximum Penetration

Blunt Trauma Protection Truly exceptional and previously unmatched level of protection from a kick, punch or blow - or blunt objects such as piece of iron, chair, table, bricks, etc.

Needle Protection 100% protection from hypodermic and tattoo needles

Sizes L - 4XL

Weight 3.5kg

Panel Thickness 7mm + foam backing

Areal Density 12.5kg (27.8lbs) per sqm

Clothing Care Durable machine washable covers

Colour Black

Place of Manufacture UK

Replacement Cover 700102



ALSO AVAILABLE IN DIFFERENT COLOURS AND BESPOKE DESIGNS



Product: **PPSS KR1 High-Visibility Overt Stab Resistant Vest (5mm)**

Model #: **400108**

Protection Level: **HOSDB KR1 Stab + Blunt Trauma + Needle Protection**



Not only an effective stab resistant vest but this 5mm overt model also provides excellent needle and blunt trauma protection.

Based on our own operational frontline experience and extensive research, we can only stress that an impact based assault is a more likely and frequent type of attack than an assault involving an edged weapon or firearm.

Features & Benefits

- Lightweight
- Shields the spine, ribs and all vital organs
- Comfortably worn
- Easily put on and taken off within seconds
- Indefinite lifespan (compared to Kevlar's 3-5 year lifespan)

Who Is This Product Suitable For?

- Anyone dealing with high risk individuals, such as potentially violent or aggressive members of the public, drug users or dealers
- Those operating in geographical areas known for criminal activities, drugs, alcohol misuse and disturbances
- Lone workers frequently faced with frustrated and disappointed customers
- Home or office visitors that enforce laws and regulations, police the system or deliver bad news
- Individuals or teams that secure and protect property, events and people

Material

Inside	5mm thin polycarbonate sheets, moulded to the upper body shape
Cover	Highly durable nylon fabric Adjustable shoulder and side straps High-tech spacer fabric providing the highest level of comfort when worn in hot and humid environments Latest encapsulated reflective tape Full front YKK zip for ease of removing and putting on the vest Complies with BS EN 471:2003

Stab Protection	Tested and certified to HOSDB Knife Resistance Standard KR1
Blunt Trauma Protection	Excellent level of protection from a kick, punch or blow – or blunt objects such as piece of iron, chair, table, bricks, etc.
Needle Protection	Excellent level of protection from narrower blades & hypodermic needles
Tested Energy Level 1	24 Joules - 7mm Maximum Penetration
Tested Energy Level 2	36 Joules - 20mm Maximum Penetration
Sizes	XS - 4XL
Weight	2.3KG (Size L)
Clothing Care	Protective fillers easily removed so the outer cover can be machine washed
Colour	High visibility yellow
Place of Manufacture	UK
Replacement Cover	700103



ALSO AVAILABLE IN DIFFERENT COLOURS AND BESPOKE DESIGNS



Product: **PPSS KR1 'Tabard Style' Hi Viz Stab Resistant Vest**
 Model #: **400121**
 Protection Level: **Stab + Blunt Trauma + Needle Protection**



PPSS 'Tabard Style' Hi Viz Stab Vests are a 'non-confrontational' type of body armour - providing exceptional protection against edged weapons, hypodermic needles and blunt force trauma.

Features & Benefits

- Non-confrontational design
- Unlimited shelf life (compared to 3-5 years life span of Kevlar® made body armour)
- Outstanding protection from blunt force trauma (usually suffered following a kick, punch or blow from a blunt object)
- Extremely lightweight (2.3kg)
- Ultra-thin (5mm)
- Home Office (HOSDB) certified

Who Is This Product Suitable For?

- Facility Management
- Civil Enforcement
- Public Transport
- Any sector wanting to look non-confrontational

Material

Inside	5mm thin polycarbonate sheets, moulded to the upper body shape Incorporates impact protective foam comfort layer
Cover	Water resistant overt cover made out of 100% high performance breathable coated polyester. Features a high tech spacer fabric providing the highest level of comfort when worn in hot and humid environments.

Stab Protection Tested and certified to HOSDB Knife Resistance Standard KR1

Blunt Trauma Protection Excellent level of protection from a kick, punch or blow – or blunt objects such as piece of iron, chair, table, bricks, etc.

Needle Protection Excellent level of protection from narrower blades & hypodermic needles

Tested Energy Level 1 24 Joules - 7mm Maximum Penetration

Tested Energy Level 2 36 Joules - 20mm Maximum Penetration

Sizes XS - 4XL

Weight 2.3KG (Size L)

Clothing Care Protective fillers can be easily removed so the outer cover can be machine washable

Colour Hi Viz Yellow, Hi Viz Orange, Blue & Navy Blue

Place of Manufacture UK

Replacement Cover 700108



Product: **PPSS Cell Extraction Vest**
 Model #: **400300**
 Protection Level: **NIJ 0115.00 Level III Stab/Spike + Blunt Trauma + Needle Protection**



PPSS have specially designed the 'Cell Extraction Vest' to protect professionals who have to deal with major incidents, riots, cell extractions, mass searches or serious disturbances in correctional facilities and prisons.

Features & Benefits

- Extremely tough and durable
- Body moulded collar parts provide extensive and complete wrap-around neck protection
- Front opening means full securing of the garment is extremely simple and fast
- The world's best performance/cost ratio
- Unlimited shelf life
- Weight of around 7kg/16lbs for the complete Cell Extraction Vest
- Comfortably worn – exceptional manoeuvrability
- Includes Molle webbing over the greatest possible area (front and back)

Protection From The Following Threats:

- Blunt impact weapons – including hammers, clubs, bricks, snooker balls, gym weights
- High impact cutting weapons – including axes and machetes
- Makeshift edged weapons, shanks and razor blades
- Heavy assault, including kicks and punches
- Blunt trauma injury associated with all the above

Who Is This Product Suitable For?

- CERT (Correctional Emergency Response Teams)
- NTRG (National Tactical Response Groups)
- Tactical Support Units
- Prison Riot Teams

Material

Inside	Rigid body moulded panels made out of glass/ceramic composites providing an exceptionally high level of certified protection against stabbing weapons
Outer Cover	Covers made out of military spec Cordura® 1000D and include Molle webbing over the greatest possible area of the front and back

Stab/Spike Protection NIJ 0115.00 Level III

Tested Energy Level 1 43 Joules - 7mm Maximum Penetration

Tested Energy Level 2 65 Joules - 20mm Maximum Penetration

Blunt Trauma Protection Truly exceptional and previously unmatched level of protection from a kick, punch or blow - or blunt objects such as piece of iron, chair, table, bricks, etc.

Needle Protection Truly exceptional level of protection from narrower blades & hypodermic needles

Sizes L - 4XL

Weight 7-10kg (15-22lbs) subject to sizes

Panel Thickness 7mm + foam backing

Areal Density 12.5kg (27.8lbs) per sqm

Clothing Care Durable machine washable covers

Colour Black

Place of Manufacture UK

Replacement Cover 700113

Product: **PPSS Cell Extraction Vest**
 Model #: **400305**
 Protection Level: **HOSDB KR1 Stab + Blunt Trauma + Needle Protection / NIJ Level 1**



PPSS have specially designed the 'Cell Extraction Vest' to protect professionals who have to deal with major incidents, riots, cell extractions, mass searches or serious disturbances in correctional facilities and prisons.

Features & Benefits

- Lightweight Extraction Vest
- Body moulded collar parts provide extensive and complete wrap-around neck protection
- Front opening mean full securing of the garment is extremely simple and fast
- Indefinite lifespan (compared to Kevlar's 3-5 year lifespan)
- Weight around 4.5kg for the complete Cell Extraction Vest
- Extremely comfortable to wear with outstanding manoeuvrability
- Includes Molle webbing over the greatest possible area (front and back)

Protection From The Following Threats:

- Blunt impact weapons - including hammers, baseball bats, pieces of iron
- Large bladed items - including machetes
- Makeshift edged weapons, shanks and razor blades
- Heavy assault, including kicks and punches
- Blunt trauma injury associated with all the above

Who Is This Product Suitable For?

- CERT (Correctional Emergency Response Teams)
- NTRG (National Tactical Response Groups)
- Tactical Support Units
- Prison Riot Teams

Material

Inside	5mm thin polycarbonate sheets, moulded to the upper body shape, offering excellent levels of stab and blunt trauma protection
Outer Cover	Covers made out of military spec Cordura® 1000D and include Molle webbing over the greatest possible area of the front and back

Stab/Spike Protection

Tested & certified to HOSDB Knife Resistance Standard KR1
 Tested & certified to NIJ Std 0115.00 Threat Level 1

Tested Energy Level 1

24 Joules - 7mm Maximum Penetration

Tested Energy Level 2

36 Joules - 20mm Maximum Penetration

Blunt Trauma Protection

Excellent level of protection from a kick, punch or blow – or blunt objects such as piece of iron, chair, table, bricks, hammers, bats, etc.

Needle Protection

Excellent level of protection from narrower blades & hypodermic needles

Sizes

L - 4XL

Weight

4.5kg (9.9lbs) subject to sizes

Panel Thickness

5mm + foam backing

Areal Density

5.68kg (12.5lbs) per sqm

Clothing Care

Durable machine washable covers

Colour

Black

Place of Manufacture

UK

Replacement Cover

700113

Contact

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