

PPSS BULLET RESISTANT VESTS CATALOGUE 2017



Contents

2. Bullet Resistant Vests - Model CV2
3. Bullet Resistant Vests - Model OV2
4. Bullet Resistant Vests - Model EV2
5. Bullet Resistant Vests - Model HVV2
6. Bullet Resistant Vests - Model MV2
7. Rifle Body Armour Plate Stand Alone NIJ Level III+
8. Rifle Body Armour Plate Stand Alone NIJ Level IV+
9. Contact

Product: **PPSS Bullet Resistant Vest - CV2**
 Model #: **500116**
 Protection Level: **NIJ Level IIIA+**



This outstanding bullet resistant vest has not only passed the most up to date National Institute of Justice Standard 0101.06, but also offers protection from full contact shots.

Too often front line professionals are being shot by their own firearm from extremely close range. Understanding this particular risk was crucial during the development phase of our new high performance body armour.

Features & Benefits

- Protection against full contact shots
- Protection against TASER®
- Ultra-thin, lightweight and flexible
- Adjustable Velcro shoulder straps
- Manufactured under strictly ISO 9001:2008 quality controlled conditions
- Performance unaffected by moisture

Who Is This Product Suitable For?

- Private Security Details (PSD/PMC/PSC)
- Law Enforcement Officers (LEO)
- Executive/Diplomatic Protection Professionals
- Homeland Security Agencies
- Customs and Border Protection
- Prisoner Transportation
- Immigration Control
- Airport Securities

Material

Highly advanced ultra-resilient European ballistic material
 Waterproof and breathable Cordura® 180
 Ground-breaking temperature controlling Outlast® space technology, making it the ideal choice of armour for hot and humid environments

Ballistic Protection

NIJ Level IIIA (NIJ Std 0101.06) ballistic protection
 Protection against full contact shots
 Protection from Tokarev Ball 7.62 x 25mm and Makarov 9 x 18mm
 Protection against more aggressive handgun ammunition
 Protection against TASER®

Blunt Trauma Protection

High performance foam layer effectively reduces blunt force trauma

Sizes	S - 6XL
Thickness	9.5mm
Aerial Density	5.73 kg/m ²
Weight of Ballistic Panels	1.66kg
Colour	Black, white or sand
Place of Manufacture	UK
Replacement Cover	700110



ALSO AVAILABLE IN DIFFERENT COLOURS AND BESPOKE DESIGNS



Product: **PPSS Bullet Resistant Vest - OV2**
 Model #: **500118**
 Protection Level: **NIJ Level IIIA+**



This outstanding bullet resistant vest has not only passed the most up to date National Institute of Justice Standard 0101.06, but also offers protection from full contact shots.

Too often front line professionals are being shot by their own firearm from extremely close range. Understanding this particular risk was crucial during the development phase of our new high performance body armour.

Features & Benefits

- Protection against full contact shots
- Protection against TASER®
- Ultra-lightweight
- Hard wearing
- Padded shoulder straps for more comfort
- 250x300mm front and rear pockets for additional ballistic plates
- Manufactured under strictly ISO 9001:2008 quality controlled conditions
- Performance unaffected by moisture

Who Is This Product Suitable For?

- Private Security Details (PSD/PMC/PSC)
- Law Enforcement Officers (LEO)
- Executive/Diplomatic Protection Professionals
- Homeland Security Agencies
- Customs and Border Protection
- Prisoner Transportation
- Immigration Control
- Airport Security

Material

Highly advanced ultra-resilient European ballistic material Military spec Cordura® 1000D
 Ground-breaking temperature controlling Outlast® space technology, making it the ideal choice of armour for hot and humid environments

Ballistic Protection

NIJ Level IIIA (NIJ Std 0101.06) ballistic protection
 Protection against full contact shots
 Protection from Tokarev Ball 7.62 x 25mm and Makarov 9 x 18mm
 Any ballistic plates can be added to provide the desired protection level
 Protection against TASER®

Blunt Trauma Protection

High performance foam layer effectively reduces blunt force trauma

Sizes	S - 6XL
Thickness	9.5mm
Aerial Density	5.73 kg/m ²
Weight of Ballistic Panels	1.66kg
Colour	Black – additional colours are available subject to minimum order quantity
Place of Manufacture	UK
Replacement Cover	700112



ALSO AVAILABLE IN DIFFERENT COLOURS AND BESPOKE DESIGNS



Product: **PPSS Bullet Resistant Vest - EV2**
 Model #: **500117**
 Protection Level: **NIJ Level IIIA+**



This outstanding bullet resistant vest has not only passed the most up to date National Institute of Justice Standard 0101.06, but also offers protection from full contact shots.

Too often front line professionals are being shot by their own firearm from extremely close range. Understanding this particular risk was crucial during the development phase of our new high performance body armour.

Features & Benefits

- Protection against full contact shots
- Protection against TASER®
- Lightweight and flexible
- Smart and stylish
- Manufactured under strictly ISO 9001:2008 quality controlled conditions
- Performance unaffected by moisture

Who Is This Product Suitable For?

- Executive/Diplomatic Protection Professionals
- Other frontline professionals who need to look smart and stylish

Material

Highly advanced ultra-resilient European ballistic material
 100% wool
 Ground-breaking temperature controlling Outlast® space technology, making it the ideal choice of armour for hot and humid environments

Ballistic Protection

NIJ Level IIIA (NIJ Std 0101.06) ballistic protection
 Protection against full contact shots
 Protection from Tokarev Ball 7.62 x 25mm and Makarov 9 x 18mm
 Protection against more aggressive handgun ammunition
 Protection against TASER®

Blunt Trauma Protection

High performance foam layer effectively reduces blunt force trauma

Sizes	S – 6XL
Thickness	9.5mm
Aerial Density	5.73 kg/m ²
Weight of Ballistic Panels	1.66kg
Colour	Black
Place of Manufacture	UK
Replacement Cover	700111



Product: **PPSS Bullet Resistant Vest - HVV2**
 Model #: **500121**
 Protection Level: **NIJ Level IIIA+**



This outstanding bullet resistant vest has not only passed the most up to date National Institute of Justice Standard 0101.06, but also offers protection from full contact shots.

Too often front line professionals are being shot by their own firearm from extremely close range. Understanding this particular risk was crucial during the development phase of our new high performance body armour.

Features & Benefits

- Protection against full contact shots
- Protection against TASER®
- Ultra-lightweight
- Hard wearing
- Adjustable Velcro shoulder straps for more comfort
- Velcro fasten concealed front and rear pockets for additional 250x300mm ballistic plates
- Manufactured under strictly ISO 9001:2008 quality controlled conditions
- Performance unaffected by moisture

Who Is This Product Suitable For?

- Law Enforcement Officers (LEO)
- Homeland Security Agencies
- Customs and Border Protection
- Prisoner Transportation
- Immigration Control
- Airport Securities

Material

Highly advanced ultra-resilient European ballistic material Military spec Cordura® 500D with water resistant face Ground-breaking temperature controlling Outlast® space technology, making it the ideal choice of armour for hot and humid environments

Ballistic Protection

NIJ Level IIIA (NIJ Std 0101.06) ballistic protection
 Protection against full contact shots
 Protection from Tokarev Ball 7.62 x 25mm and Makarov 9 x 18mm
 Any ballistic plates can be added to provide the desired protection level
 Protection against TASER®

Blunt Trauma Protection

High performance foam layer effectively reduces blunt force trauma

Sizes	S - 6XL
Thickness	9.5mm
Aerial Density	5.73 kg/m ²
Weight of Ballistic Panels	1.66kg
Colour	High visibility yellow with latest encapsulated reflective tape
Place of Manufacture	UK
Replacement Cover	700116



Product: **PPSS Bullet Resistant Vest - MV2**
 Model #: **500122**
 Protection Level: **NIJ Level IIIA+**



This outstanding bullet resistant vest has not only passed the most up to date National Institute of Justice Standard 0101.06, but also offers protection from full contact shots.

Too often front line professionals are being shot by their own firearm from extremely close range. Understanding this particular risk was crucial during the development phase of our new high performance body armour.

Features & Benefits

- Protection against full contact shots
- Protection against TASER®
- Ultra-thin and lightweight
- Hard wearing
- Adjustable Velcro shoulder straps for more comfort
- Zipped concealed front and rear pockets for additional 250x300mm ballistic plates
- Manufactured under strictly ISO 9001:2008 quality controlled conditions
- Performance unaffected by moisture

Who Is This Product Suitable For?

- Private Security Details (PSD/PMC/PSC)
- Law Enforcement Officers (LEO)
- Executive/Diplomatic Protection Professionals
- Homeland Security Agencies
- Customs and Border Protection
- Prisoner Transportation
- Immigration Control
- Airport Securities

Material

Highly advanced ultra-resilient European ballistic material Military spec Cordura® 500D with water resistant face Ground-breaking temperature controlling Outlast® space technology, making it the ideal choice of armour for hot and humid environments

Ballistic Protection

NIJ Level IIIA (NIJ Std 0101.06) ballistic protection
 Protection against full contact shots
 Protection from Tokarev Ball 7.62 x 25mm and Makarov 9 x 18mm
 Any ballistic plates can be added to provide the desired protection level
 Protection against TASER®

Blunt Trauma Protection

High performance foam layer effectively reduces blunt force trauma

Sizes	S - 6XL
Thickness	9.5mm
Aerial Density	5.73 kg/m ²
Weight of Ballistic Panels	1.66kg
Colour	Black – Navy, Royal Blue and Sand colours are available subject to minimum order quantity
Place of Manufacture	UK
Replacement Cover	700117



Product: **Rifle Body Armour Plate Stand Alone**
 Model #: **500206**
 Protection Level: **NIJ Level III+**



This model is designed to meet NIJ III STAND ALONE plus the ammunition and number of shots as per table below. The strike face loads on armour of this type are essentially compressive and hence the high hardness and rigidity of this plate is very important. Rear loadings are also tensile and are absorbed by high tensile strength.

Nominal Weight	1.35kg
Size	250mmx 300mm Available in SAPI sizing
Style	Single curve or multi curve to optimise fit and comfort Shooters cut

This model is designed to stop either of the following ammunitions:

Ammunition	Type	Weapon	Velocity (m/s)	No. of strikes°
5.56 x 45	M193	M16 / SA80	950	6
7.62 x 39	Ball	AK47	720	6
7.62 x 39	MSC	AK47	720	6
7.62 x 51 Level III	M80 NATO	M14	850	6

Product: **Rifle Body Armour Plate Stand Alone**
 Model #: **500207**
 Protection Level: **NIJ Level IV+**



The ceramic casting is moulded using high content AL₂O₃ alumina oxide. This has the twin advantages of good performance and a relatively low cost.

The strike face loads on armour of this type are essentially compressive and hence the high hardness and rigidity of ceramic are very important. Rear loadings are however tensile and are absorbed by high tensile strength advanced composite backings.

Nominal Weight	2.8kg
Size	250mmx 300mm Available in SAPI sizing
Style	Multi curve to optimise fit and comfort Same plate is used for both front and back protection High pressure moulded DSM Dyneema used

This model is designed to stop either of the following ammunitions:

Ammunition	Type	Weapon	Velocity (m/s)	No. of strikes°
5.45 x 39	MSC PS Ball	AK74	870	6
5.56 x 45	M193	M16 / SA80	1000	6
5.56 x 45	SS109 NATO	M16 / SA80	1000	6
7.62 x 39	MSC PS Ball	AK47	710	6
7.62 x 39	BZ API	AK47	710	6
7.62 x 51 Level III	M80 NATO	M14	850	6
7.62 x 51	M61 AP	M14	825	6
7.62x51	P80 AP	M14	825	3
7.62 x 54	B32 API	Dragunov	830	3
7.62 x 63 Level IV	AP M2	30-06	880	1

Contact

PPSS Group

Whitfield Business Park
Unit 1-2, Manse Lane
Knaresborough
HG5 8BS
United Kingdom

T: **+44 (0) 845 5193 953**

E: **info@ppss-group.com**

W: **www.ppss-group.com**



Visit our website: ppss-group.com

T: +44 (0) 845 5193 953 | E: info@ppss-group.com