

LOAD BEARING VEST AUSTRALIA

LBV-ST1 STAB VEST

Design Features, Notes & Instructions

QUICK RELEASE
SHOULDER BUCKLES
(BOTH SIDES)

FRONT VIEW

ZIPPERED FRONT POUCH

HOOK & LOOP MATERIAL FOR ID
OR DEPARTMENT BADGES

LASER CUT REINFORCED
MOLLE PLATFORM

QUICK RELEASE SIDE
ADJUSTMENT BUCKLE
(BOTH SIDES)



REAR VIEW

OFFICER DOWN
GRAB HANDLE

HOOK & LOOP
BADGE/ID PANEL

HOOK & LOOP
BADGE/ID PANEL

LASER CUT REINFORCED
MOLLE WEBBING

APPROXIMATE LBV WEIGHTS +/- 10% based on vest sizing

Level 1 - 1.7 kg

Level 2 - 1.85 kg

Level 3 - 2.4 kg

STAB PANEL CONSTRUCTION - 5 YEAR WARRANTY Patent pending technology
100% PES for the out-carrier, and inner vest: 10% kevlar, 10% carbon fiber, 40% glass fiber, 40% PA66
Polyamide

Vest can be customised to customers specifications. Minimum order quantities apply. Contact us for more details. Our design department are happy to discuss refinements and changes to ensure that the product is fit for purpose.

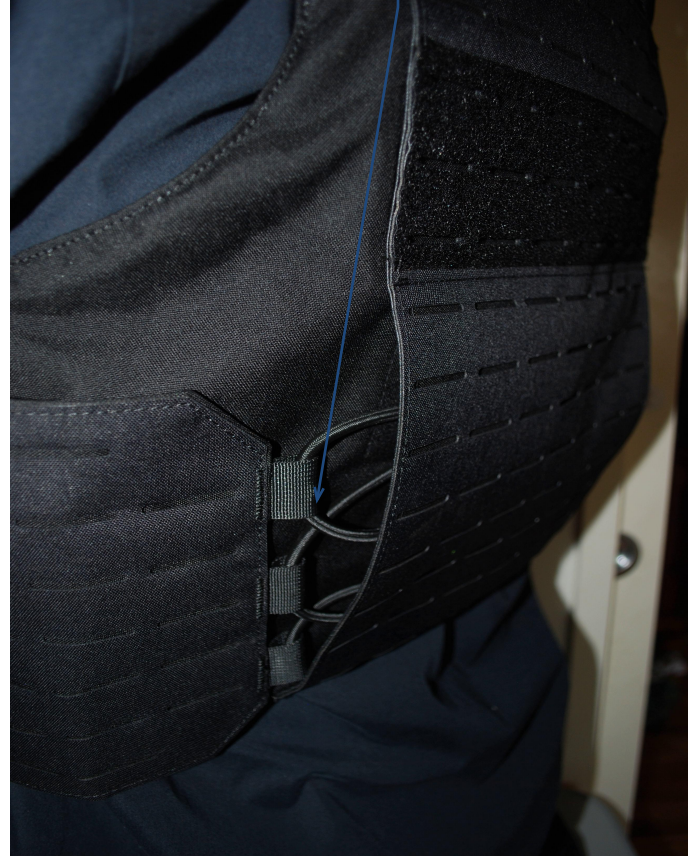
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ADJUSTABLE SHOULDER STRAPS

COMFORT DESIGN SHOULDER STRAPS

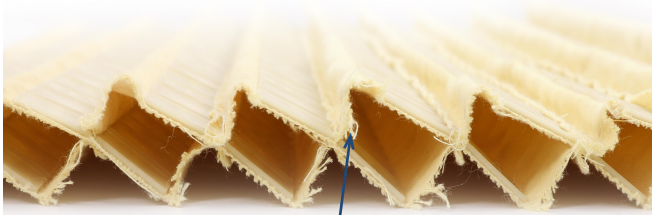
WAIST ADJUSTMENT SYSTEM



QUICK RELEASE WAIST ADJUSTMENT BUCKLES

BREATHABLE MESH INTERIOR FOR COMFORT

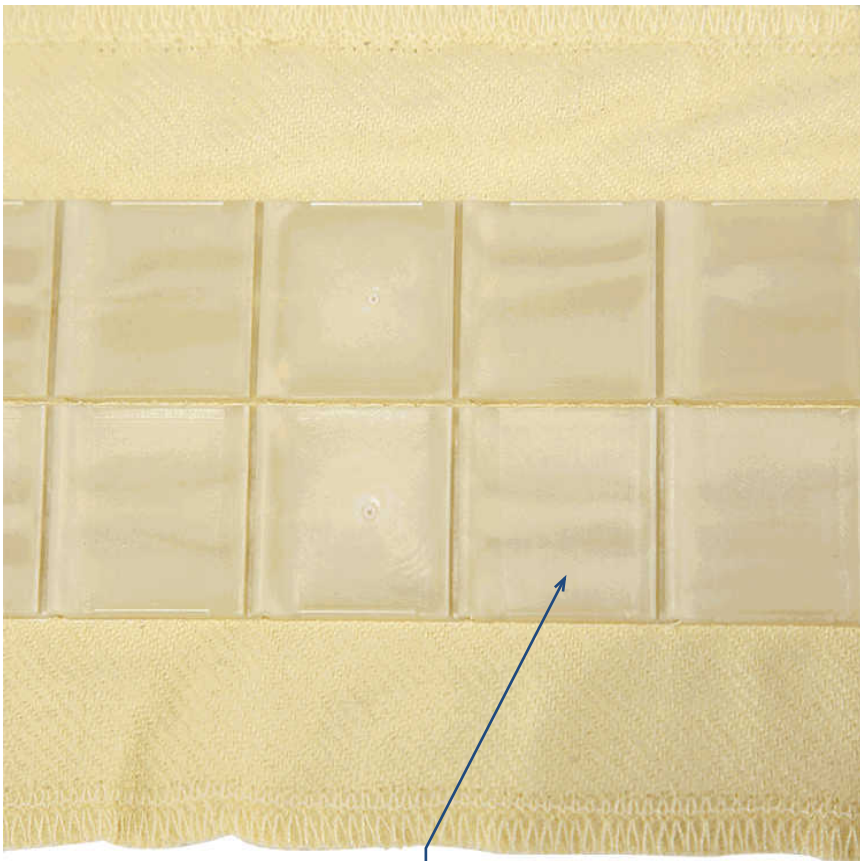




OVERLAPPING PROTECTION ALLOWS MATERIAL BREATHABILITY



WORLD LEADING STAB PROOF MATERIAL FLEXIBILITY



PATENT PENDING STAB PROOF MATERIAL (LEVEL 1 SHOWN)

Our stab material complies to the following levels; VPAM, NIJ0115. 00, UK HOSDB, CHINA GA68-2019 ISO 13998

Contact us for material testing certificates

The technology used to make our stab protection vests and other stab-proof garments is innovative and unique throughout the world. After many years of intensive research, we have succeeded in manufacturing a textile composite that is safe, light and flexible at the same time. Our under vest weighs only approx. 1.3 kg, for example. The protective layer is made of a high-strength aramid fabric to which a special plastic is inseparably applied. The high strength fibres and the energy absorbing plastic mean that the specific properties of this composite even exceed those of stainless steel plates. The weight is approx. 4.5 times lower than for a comparably thick stainless steel plate. We have taken the armadillo as a model to ensure flexibility and breathability. Just like this armoured mammal, we make use of an overlapping scaly structure. However, our scaly structure differs from that of other suppliers in that it is not possible to push it apart. This allows us to achieve a high degree of safety in combination with maximum flexibility.



SPECIFICATIONS: LBV-ST1

As with our other vests, the vest is characterised by a very high wearing comfort. We achieve this by the low weight of approx. 2.1 kg and this with a protected area of over 0.25 to 0.45 m². In comparison, other vests only offer a covered area of 0.1 – 0.2 m². Furthermore, the wearing comfort is significantly increased by the high flexibility of the stab-proof material. This means that the vest can be worn permanently without any restrictions – regardless of whether you are seated or highly active.

The outer fabric of the vest is very durable. This makes it particularly suited for law enforcement and also ideal for outdoor use.

The technology used to make our stab protection vests and other stab-proof garments is innovative and unique throughout the world. After many years of intensive research, we have succeeded in manufacturing a textile composite that is safe, light and flexible at the same time. Our tactical stab-proof vest weighs only approx. 1.8 kg, for example. The protective layer is made of a high-strength aramid fabric to which a special plastic is inseparably applied. The combination of high strength fibres and the energy absorbing plastic create a material of which its specific properties even exceed those of stainless steel plates.

The weight is approx. 4.5 times lower than that of a comparably thick stainless steel plate. We have taken the armadillo as a model to ensure flexibility and breath-ability. Just like this armoured mammal, we make use of an overlapping scaly structure. However, our scaly structure differs from that of other suppliers in that it is not possible to push it apart. This allows us to achieve a high degree of safety in combination with maximum flexibility.

Our stab proof clothing is not ballistic rated and is stab proof only.

Materials

100% PES for the out-carrier, and inner: 10% kevlar, 10% carbon fiber, 40% glass fiber, 40% PA66

Our stab material complies to the following levels;

VPAM, NIJ0115. 00, UK
HOSDB, CHINA GA68-2019
ISO 13998

Contact us for material
testing certificates

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