
Technical Specification

LBA type 15 Body Armour NIJ Level IIIA



Introduction

The LBA type 15 is an outstanding development of years of production of specialised vests for Military, Police, NGO's and tactical assault teams. It has a unique elasticised inner belt and back over front fully wrapped protection. It can be up armoured with ceramic plates to Protection Level III and IV. It also features:

- Protection to NIJ 0101.04 Level IIIA, with multi-hit capability
- Front, back and side protection
- Removable machine washable cover
- Simple Velcro closure
- Waterproof and UV proof ballistic panels
- Outer cover in Nylon / Polycotton
- Full freedom of movement
- Adjustable shoulders
- Pockets front and back for additional ceramic plates

The vest is donned by being passed over the head and the side straps fastening around the waist using touch and close tape.

Robustness

The vest has been designed specifically to meet the rigours of military and tactical service life. It is tough, durable, easy to don and doff and well proven.

Design

The vest is designed to provide comfortable free movement for all roles including standing, sitting, lying, running, driving etc. Compatibility with other clothing and equipment is maximised. The design of the shoulders and waist all contribute to removing any restrictions to movement.

Maintainability

The outer cover is machine (or hand) washable and hence can be easily kept in good condition. The armour pack and cover can all be replaced if damaged.

Durability

The vest has been specifically designed to withstand the rigours of military and tactical service life. The selection of materials, ergonomic design and the structure of the garment ensure longevity. Many thousands of these vests are in service and have proven extremely durable for military, police and journalist roles.

Protection

The vest features a continuous front and rear panel design. This ensures full extent of protection to the front, back and sides of the torso

Accessories

The LBA.type 15 is available with the following options:

- Collar
- Fire retardant cover
- Extra utility pockets / Removable identification labels
- Over shoulder protection
- Ceramic Plates to up-armour to Level III and IV

Material

By utilising the latest developments in armour design the material offers great weight savings and increased flexibility

A pocket in the vest cover provides for a ceramic plate. The plate material (if fitted) is a high alumina ceramic, providing excellent performance per unit weight. A fibre based laminate is used to enhance the plates performance, the whole being wrapped in a water and UV proof fabric.

Armour Materials

LBA can offer a huge range of armour systems based on the protection levels above. Each armour system for any level of protection can be constructed from a number of different ballistic fabrics.

Aramid

Aramid systems are based on a traditional woven fabric, using the latest high tenacity yarns, which offers a well proven and cost effective solution. It still remains the best protection system against fragmentation. All LBA Aramid is Water Repellent Treated.

Test Effect

The armour system has been extensively tested and certified. Copy certificates are available on request.

Warranty

The soft body armour packs are warranted to be free from defects in the materials for a period of 10 years from the date of manufacture, as shown on the label.

The LBA fabric cover is warranted to be free from defects in materials and workmanship for a period of eighteen months from the date of purchase. This warranty is terminated if the carrier has been abused or the laundry instructions are not followed.

LBA reserves the right to recall and inspect any equipment subject to a warranty claim prior to settlement.

Quality

LBA International Ltd has a quality system, which has been approved by LRQA to ISO 9001:2008 standards.