



LBA

LBA INTERNATIONAL LIMITED

BODY ARMOUR



HIGH TECH BALLISTIC

LBA International Ltd design and manufacture a comprehensive range of high technology, specialist armour products. The company is recognised as a world leader in the industry. Aftersales support and guarantees are provided by LBA staff who are internationally recognised as leaders in the armour industry.

The company's ballistic laboratories (Forensic Laboratories Ltd) are acknowledged for their excellence in ballistic test evaluations to international standards.

ISO QUALITY CONTROLLED MANUFACTURE

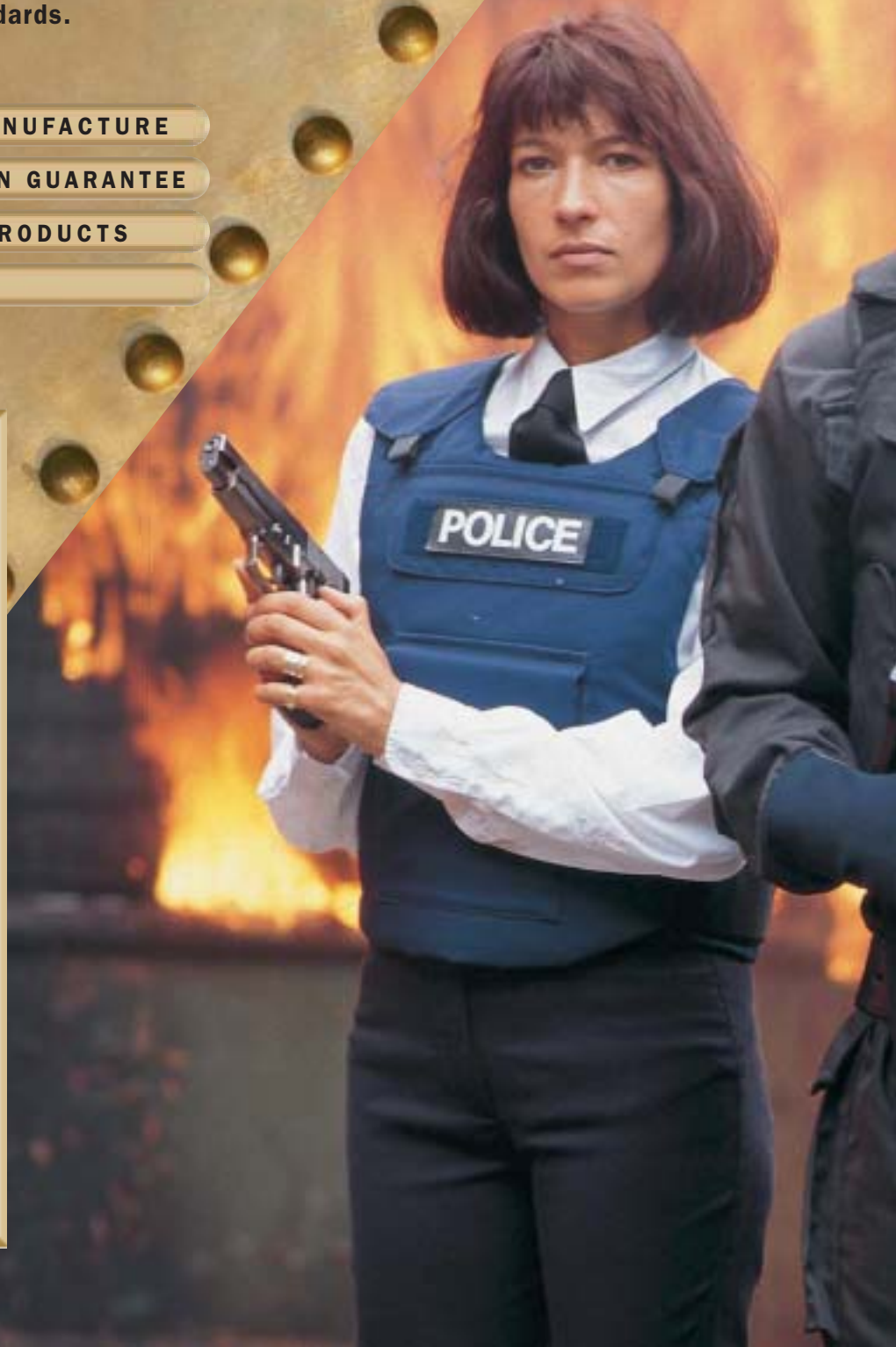
HIGHEST BALLISTIC PROTECTION GUARANTEE

COMPREHENSIVE RANGE OF PRODUCTS

COMPETITIVE PRICES

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PROTECTION FROM LBA



LBA products are sold direct or through a network of experienced international agents to military, police and security forces in over 100 countries. Immediate response to the needs of LBA customers is guaranteed world-wide.



001

BALLISTIC PERFORMANCE & TESTING

LBA manufactures an extensive range of Soft Armours which have certifications in the United Kingdom, Germany and the USA.

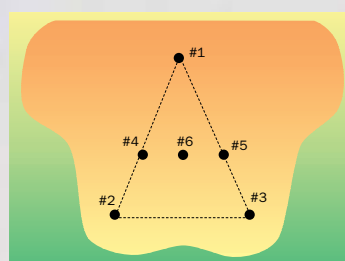
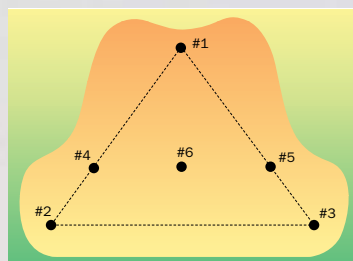
US STANDARD (NIJ)



BALLISTIC PERFORMANCE OF SOFT ARMOURS
 The internationally accepted standard for bullet resistant armour is the National Institute of Justice (NIJ) 0101.04. This standard specifies 4 soft armour levels as shown below.

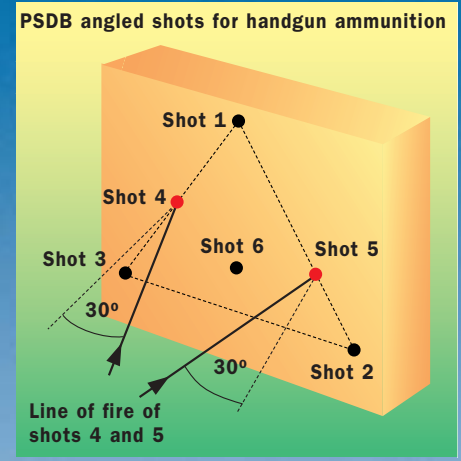
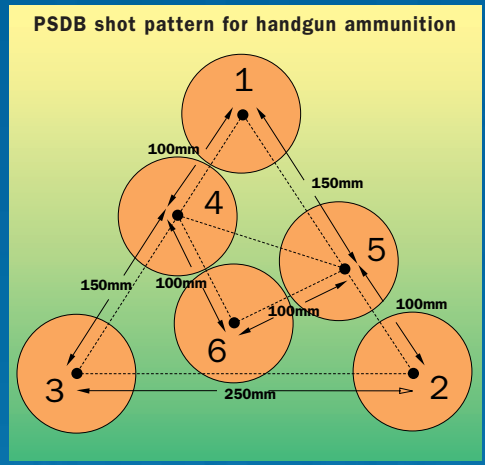
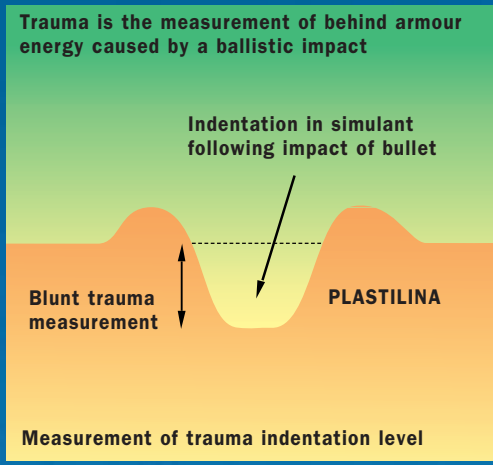
NIJ Level	Bullet Resistance	Weight Grains	Maximum Velocity m/sec (ft/sec)	Energy Joules	No. of strikes	
					Angle of incidence 0 deg	30deg
I	.22 caliber LRN	40	338 (1100)	148	4	2
	.380 ACP FMJ RN	95	331 (1085)	337	4	2
	12 bore 3" Mag '00' Buck	555	370 (1215)	2462	1	-
IIA	9mm FMJ Rem	124	350 (1150)	492	4	2
	.40 S&W FMJ	180	331 (1085)	639	4	2
II	9mm FMJ Rem	124	376 (1235)	568	4	2
	.357 Magnum JSP Rem	158	445 (1460)	1014	4	2
IIIA	9mm FMJ Rem	124	445 (1460)	796	4	2
	.44 Magnum SJHP	240	445 (1460)	1540	4	2
	.44 Magnum SWC	240	445 (1460)	1540	4	2

NOTE: This table is to NIJ 01.01.04 not NIJ 01.01.03

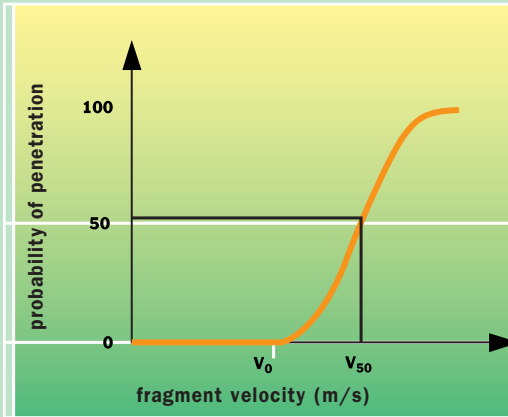


NIJ shot pattern for handgun ammunition. All shots at least 7.6cm (3") from any edge and at least 5cm (2") from each other. Shots 4 & 5 are at 30° angle of attack.





FRAGMENTATION RESISTANT ARMOURS



Vs/Vr TESTING
 LBA continues to undertake considerable research into casualty reduction by examining the Strike Velocity (Vs) and the subsequent Residual Velocity (Vr). This work was initiated in the US and involves testing over a wider range of projectiles, such as 2, 4, 16 & 64 grain Right Circular Cylinders (RCCs).

Combat troops rarely suffer injury or fatality from bullets but are at high risk from primary (direct) and secondary (environmental) fragmentation. To combat these threats LBA has developed a special range of Fragmentation 'F' levels whose performance is measured by a V_{50} value.

FRAGMENTATION TEST (V_{50} TEST)
 The V_{50} test is the internationally recognised standard for assessing the fragmentation resistance of personal protection. The fragmentation test is conducted using Fragment Simulating Projectiles (FSPs) which are available in a range of weights approximately following the binomial progression. The test is conducted by firing FSPs at the armour at increasing velocities until an average velocity of penetrating and non-penetrating projectiles is obtained. The higher the ballistic speed, measured in metres per second, the higher the rating of material, shown as V_{50} 000m/s. The V_{50} (Velocity 50% or mean velocity) is the average of the velocities recorded for six fair impacts consisting of the three lowest velocities for complete penetration and the three highest velocities for partial penetration, provided the spread is not greater than 40 metres/second (STANAG 2920).

Frag level	F1	F2	F3	F4	F5	F6
Minimum Fragmentation Velocity V_{50} * m/s (ft/sec)	400 (1310)	450 (1470)	500 (1640)	550 (1800)	600 (1970)	650 (2130)

*Tested using a standard 17 grain fragment, in accordance with STANAG 2920

STANDARDS
 US Standard - MIL STD 662 F NATO Standard - STANAG 2920
 UK Standard - UK/SC/5449



LBA have systems designed, tested and certified against all the above standards

CONCEALED UNDERVESTS

LBA
100
SERIES

The LBA 100 Series Concealed Undervest (CUV) provides excellent ballistic protection, is discreet, permits freedom of movement and is comfortable to wear over long periods. The ballistic inserts are removable and the cover is easy to clean and maintain.



100 - MX T Shirt Undervest

101 - SIDE PANEL VEST (SPV)

The SPV standard issue concealed undervest has fully adjustable straps on both shoulders and sides. The SPV is also supplied with a 125 x 200mm shock/anti-stab plate pocket as standard. Other pocket sizes available on request.

105 - FEMALE SIDE PANEL VEST (FSPV)

The FSPV incorporates the features of the SPV but with the addition of the moulded bust area which provides female officers with a comfortable and discreet undercover protective ballistic vest.

100 - MX T SHIRT UNDERVEST (TSV)

The TSV is the latest development in 'no line' concealed body armour. It is available in standard levels of armour with thermo regulating cover materials for the ultimate in comfort. Also available in female fitting.



105 - Female Side Panel Vest (FSPV)

COVERT OVERVESTS

**LBA
500
SERIES**

STANDARD 100 SERIES FEATURES

- Adjustable elasticised side closure for an individual fit
- Front, back and side protection
- Multi-hit capability
- Removable, washable outer cover
- Full freedom of movement
- Water/humidity repellant, fully tropicalised, UV protected ballistic inserts
- Shock/anti-stab plate pockets
- Full range of colours
- Full range of sizes:
S, M, L, XL & XXL

OPTIONS AVAILABLE

- Shock plates
- Anti-stab plates
- Trauma packs
- Spare covers & carrying bags

(see page 21 for accessories)

The LBA Covert Overvest (COV) is designed and supplied with any one of the LBA ballistic inserts. Inconspicuous, issued to diplomats, undercover law enforcement agency officers and press corps.



501 - Quilted Overvest

501 - QUILTED OVERVEST

The 501 provides the option of wearing soft body armour in a quilted overvest, providing thermal insulation during periods of cold weather.

Colours: Navy Blue & Olive Drab.

101 - Full Coverage Side Panel Vest



502 - Executive Waistcoat



502 - EXECUTIVE WAISTCOAT

The 502 EW was designed to meet the demands of executives and diplomats who are, by the nature of their work, exposed to attack in various countries. Only the finest suiting materials are used in the construction of this discreet, inconspicuous personal armour.

100 SERIES PROTECTION LEVELS AVAILABLE



NIJ IIA



HG1



NIJ II



HG2



NIJ IIIA

POLICE OVERVESTS

LBA
200
SERIES



202 - POLICE OVERVEST

205 - POLICE FEMALE OVERVEST

205 Police Female Overvest and 202 Police Overvest

Tactical Police Overvests (TOV) provide superior all round protection, maximum comfort and full mobility.

The 200 Series vests are quick and easy to put on and being fully adjustable are capable of being worn for long periods without discomfort.

Nato Stock Numbers

Style	NSN
202	8470-99-021-8887
220	8470-17-106-9815



220 - LBA Groin Protector



The LBA concealed groin protector is retained inside the vest and gives additional protection until it is deployed, as shown, in one simple action.



The Police Overvest offers a range of armour that provides the most advanced design and protection available. LBA's form-fitting soft armour makes for comfort and ease of movement.

201 - POLICE OVERVEST (POV)

The POV is the ideal multi-operational law enforcement ballistic armour. It offers full upper body protection, flexibility and is fully adjustable, with Velcro closures on each side that ensure a very comfortable fit.

STANDARD POLICE OVERVEST FEATURES

- Accepts full range of LBA hard armour plates
- Front, back and side coverage
- Multi-hit capability
- Removable, washable outer cover
- Adjustable Velcro side closures
- Full freedom of movement
- Waterproof and ultraviolet lightproof ballistic panels
- Hard armour plate pockets
- Full range of colours
- Full range of sizes: S, M, L, XL & XXL

OPTIONS AVAILABLE

- LBA internal groin protector
- Utility pockets
- Shock plates
- Anti-stab plates
- Trauma packs
- Nylon cover
- Spare covers & carrying bags
- Removable police identification labels
- Accepts full range of LBA armour plates

(see page 21 for accessories)



201 - Police Overvest

All overvests have a plate pocket capable of holding rifle resistant hard armour plates.

PROTECTION LEVELS AVAILABLE



NIJ IIA



PSDB HG1



NIJ II



PSDB HG2



NIJ IIIA

TACTICAL ASSAULT OVERVESTS

LBA
200
SERIES

The LBA 203 Tactical Assault Vest (TAV) is the preferred choice of Special Operations and SWAT officers internationally. Consistently proven in all operational environments, the TAV provides the maximum protection with no loss of mobility.

203 - TACTICAL ASSAULT VEST

Developed over many years with the assistance of SWAT and Special Operation Units, the TAV incorporates many unique LBA features. Fully upgradeable to the highest possible protection levels, and fully supported with a range of optional extras that enable the TAV to be adapted to most operational demands.

203-10



203-10 - High Collar Tactical Assault Vest

Same as the standard 203 but with a high collar for increased neck protection and additional armour in the shoulders for protection from overhead threats.

203 - Tactical Assault Vest



MODULAR TACTICAL ASSAULT

203-70 - MODULAR TACTICAL ASSAULT VEST (MTAV)

The LBA 203-70 MTAV is based on the well-proven 203 Series, in addition to which it is equipped with an advanced modular pocket and load bearing system.

The 203-70 is fitted with various attachment points to which extra pockets/pouches can be incorporated for any type of required support equipment.

STANDARD TACTICAL OVERVEST FEATURES

- Accepts full range of LBA hard armour plates
- Front, back and side coverage
- Multi-hit capability
- Removable, washable outer cover
- Adjustable Velcro side closures
- Adjustable Velcro shoulder fastening
- Full freedom of movement
- Water and humidity repellent, fully tropicalised, UV protected ballistic inserts
- Shock/anti-stab plate pockets
- Full range of colours
- Full range of sizes: S, M, L, XL & XXL

OPTIONS AVAILABLE

- LBA internal groin protector
- Utility pockets
- Shock plates
- Anti-stab plates
- Trauma packs
- Nylon cover
- Hard wearing Cordura cover
- Flame retardant outer cover
- Spare covers & carrying bags
- Removable police identification labels

(see page 21 for accessories)

203-70 Modular Tactical Assault Vest

The 203-70 outer cover support system is produced with additional strengthening 'built-in', plus a full range of pockets/magazine pouches, holster fittings, handcuff attachment and hydration systems. These features are fully compatible with the standard Blackhawk Tactical System.



Modular Pocket System

PROTECTION LEVELS AVAILABLE



NIJ IIA



HG1



NIJ II



HG2



NIJ IIIA

MILITARY OVERVESTS

LBA
300
SERIES

LBA MOV armours are in service internationally. With extensive experience in design and manufacture of military personal body armour and continuous improvement to meet the changing operational demands in different theatres of conflict, LBA remains in the forefront of armour design technology. Constant research and development into materials for greater protection and mobility means LBA maintains its position as the world leader in military vest design and production.

311 - 'QUICK FIT' PLATE HARNESS

The LBA 'Quick Fit' PH uparmour plate attachment system enables any front opening military vest not equipped with front and back up armour pockets and with fragmentation protective inserts to be quickly uparmoured in the front and the back area to level NIJ III or IV. This is a one size unit, easily worn over any military overvest, attached by 50mm nylon webbing.

305 - General Purpose Military Vest

305 - GENERAL PURPOSE MILITARY VEST (GPMV)

The LBA GPMV military overvest provides comprehensive protection to all areas of the upper body. It incorporates many of the unique design features of the US PASGT and the German (NATO Troop Jacket) NTJ 8470.

The standard vest is an 'over the head' unit with large Velcro side fastening panels for ease of use. The outer cover accepts the full range of LBA ballistic inserts. Front and back pockets accept the full range of LBA HAP inserts. Options include groin protector, extra pockets, magazine pouches and variable webbing configurations, which make the GPMV the most flexible and effective choice of international military personnel.

311 - 'Quick Fit'
Plate Harness





304 - Combat Body Armour

304 - COMBAT BODY ARMOUR (CBA)

The LBA 304 is similar in design and coverage to the 305 but incorporates adjustable shoulders.

PROTECTION LEVELS AVAILABLE



STANAG 2920

F1

V₅₀-400m/s

F2

V₅₀-450m/s

F3

V₅₀-500m/s

F4

V₅₀-550m/s

F5

V₅₀-600m/s

F6

V₅₀-650m/s



NIJ II



NIJ IIIA

STANDARD MILITARY OVERVEST FEATURES

- Front, back and side coverage
- Multi-hit capability
- Adjustable Velcro side closures
- Full freedom of movement
- Water/humidity, fully tropicalised, UV protected ballistic inserts
- Full range of colours
- Full range of sizes:
S, M, L, XL & XXL
- Accepts the full range of LBA hard armour plates
- Removable, washable outer cover

OPTIONS AVAILABLE

- LBA internal groin protector
 - Utility pockets, magazine pouches, webbing loops and epaulettes
 - Trauma packs
 - Nylon cover
 - Hard wearing Cordura cover
 - Flame retardant outer cover
 - Spare covers & carrying bags
- (see page 21 for accessories)

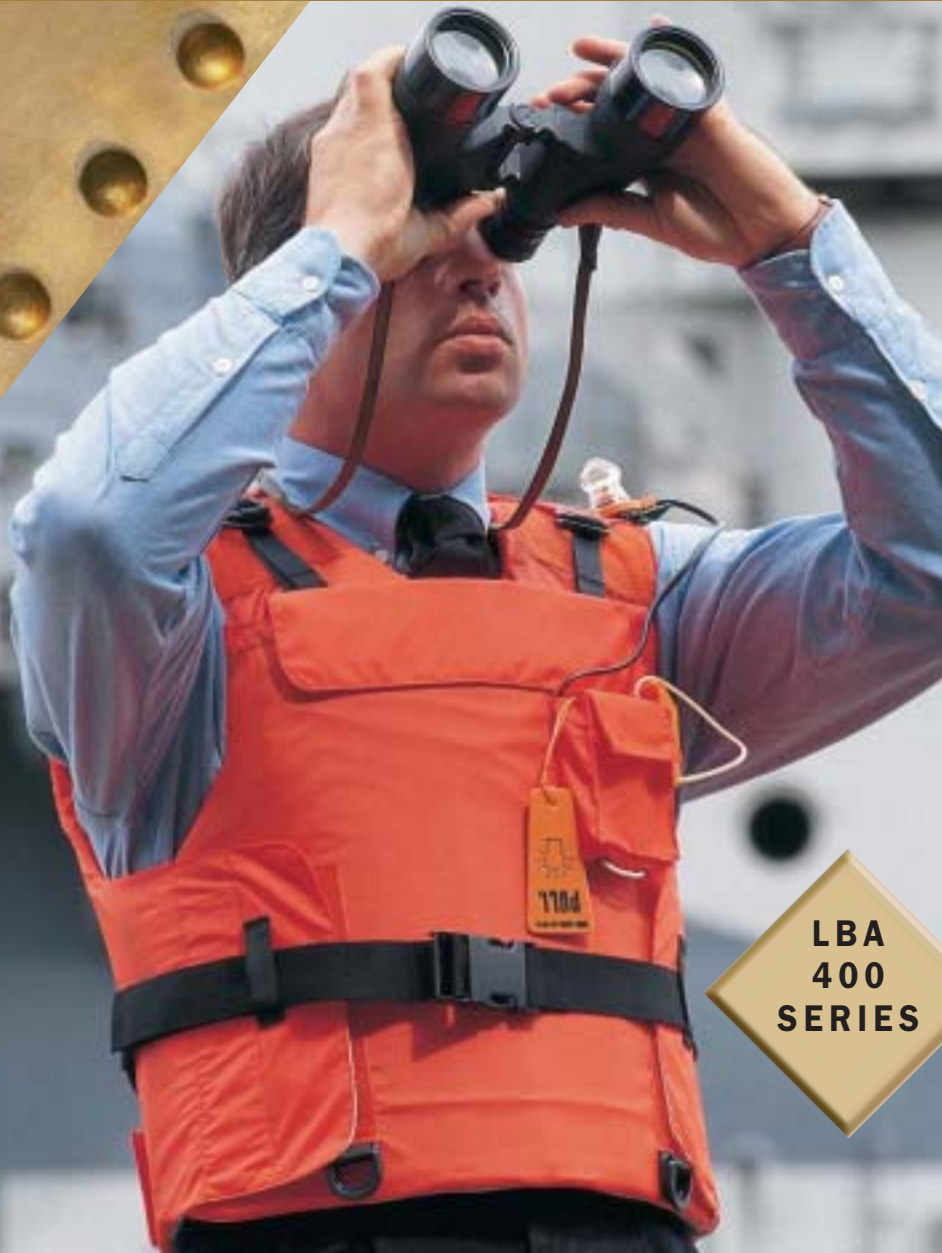
302 - HTJ HEAVY TROOP JACKET

The LBA 302 HTJ provides the maximum high coverage all round protection to the most vulnerable areas of the body, including the neck.



302 - HTJ Heavy Troop Jacket

MARINE OVERVESTS

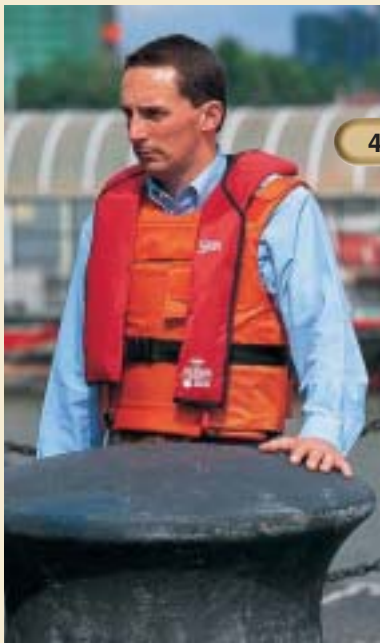


LBA
400
SERIES

401 - Ballistic Buoyancy Aid - buoyancy to EN 393

401 - BALLISTIC BUOYANCY AID

The 401 combines the ballistic qualities of a tactical vest with the safety and flotation characteristics of a buoyancy aid. The adjustable side and shoulder closure, combined with a full wrap-around nylon webbing belt and groin strap, prevent the vest from riding up whilst in the water. An emergency whistle is secured in its own pocket. It is the ideal vest for Harbour Patrol, Coast Guard, Customs, Navy and other Marine or Law Enforcement organisations where the dangers of deep water are present.



401-LJ BALLISTIC LIFEJACKET

All the same features as the 401 but with additional flotation required to be a Lifejacket. The Ballistic Lifejacket provides 150N of 'water-activated' buoyancy which always ensures the wearer will float face up, even when unconscious. All 401 Buoyancy Aids can be easily upgraded to Lifejackets at any time. Replacement compressed air cylinders are available for lifejacket.

401 - LJ Ballistic Lifejacket to EN 393

CE APPROVED

The LBA 400 Series MOV incorporates several unique features and can be supplied in alternative operational configurations. Designed and developed with the assistance of Navy SBS and Coast Guard officers, this range has been operationally tried and tested throughout the world.

STANDARD BALLISTIC BUOYANCY AID FEATURES

- Accepts full range of LBA hard armour plates
- Front, back and side coverage
- Multi-hit capability
- Removable, washable outer cover
- Adjustable Velcro side closures
- Shoulder adjustment
- Full freedom of movement
- Specially treated water resistant armour
- Instant drain out of water
- Available in Safety Orange, Navy Blue, Black and Olive Drab
- Full range of sizes: S, M, L, XL & XXL

OPTIONS AVAILABLE

- Utility pockets
- Hard wearing Cordura cover
- Flame retardant outer cover
- Additional reflective panels
- Personalised radio beacon
- 'Aqua light' strobe flashing light
- Spare covers & carrying bags
- Removable identification label
- Whistle

(see page 21 for accessories)

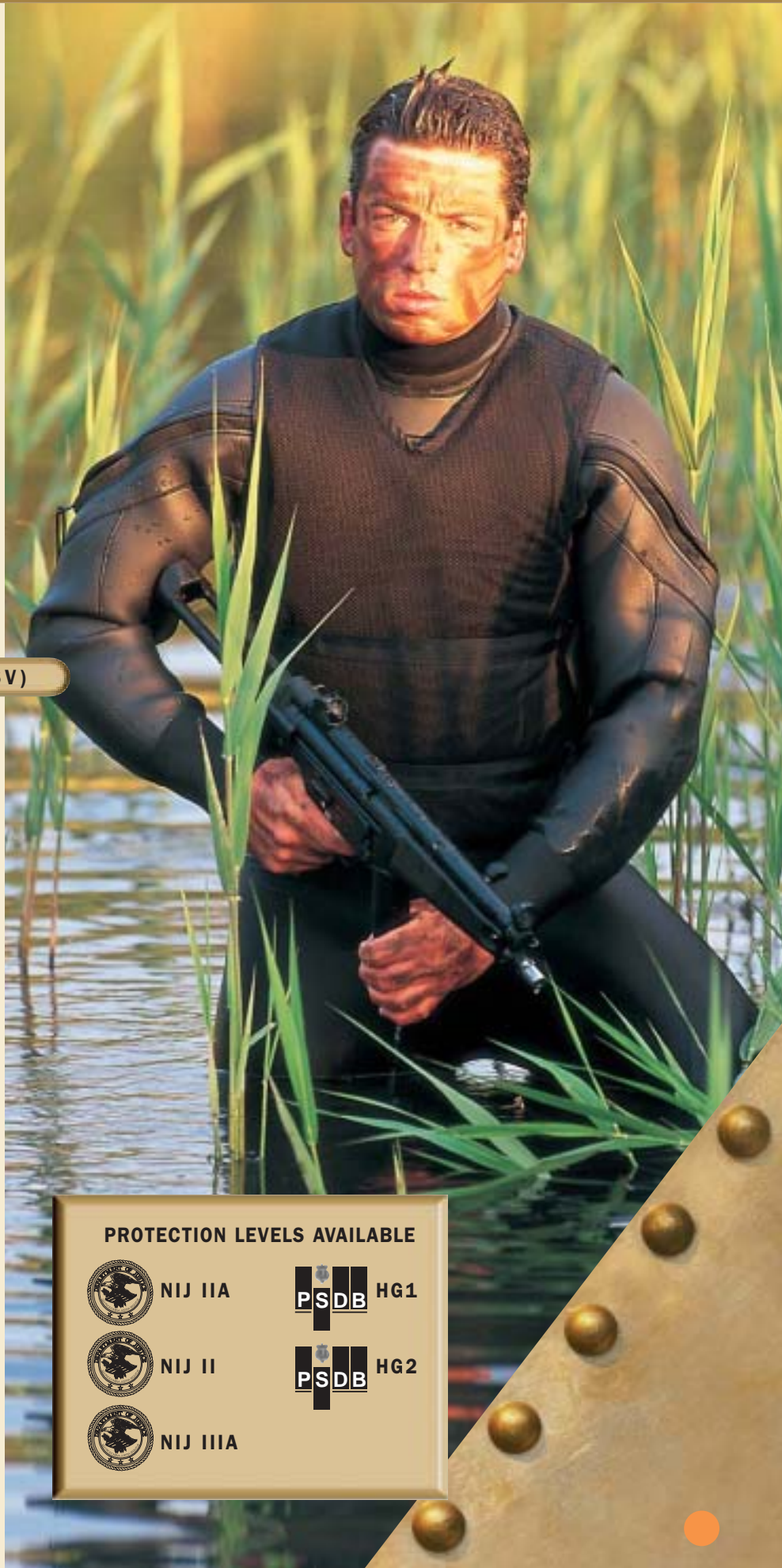
COMBAT SWIMMER VEST

COMBAT SWIMMER VEST FEATURES

- Front, side and back coverage
- Special quick lock webbing adjustment straps
- Multi-hit capability
- Self-draining outer cover
- Special vacuumed waterproof panels
- Full freedom of movement
- Special water resistant armour
- Available in Black or Olive Drab
- Full range of sizes:
S, M, L, XL & XXL

OPTIONS AVAILABLE

- 'Quick Fit' plate harness in instant drain-off fabric
- Special Armourlight plates that are completely water resistant
- Adjustable shoulders



405 - COMBAT SWIMMER VEST (CSV)

The LBA CSV is unique. The construction of this specialised product is possible due to the exclusive LBA vacuum process which creates minimum armour insert buoyancy during the manufacturing cycle. Special water repellent treatments add to the exceptional qualities of this high technology armour product for use in marine combat operations.

LBA 'AQUA LIGHT' STROBE



LBA can supply a strobe light especially designed for marine based applications.

405 - Combat Swimmer Vest

Nato Stock Numbers

Style	NSN
401	8470-99-075-6258
405	8470-99-852-5504

PROTECTION LEVELS AVAILABLE



NIJ IIA



HG1



NIJ II



HG2



NIJ IIIA

DE-MINING VESTS

**LBA
700
SERIES**

The LBA DMV1 and DMV2 De-Mining Vests have been developed specifically for personnel engaged in mine clearance work. The vest is designed to be as light and flexible as possible while providing the operator excellent protection to exposed areas of the body.

701 - LBA DMV1

The LBA De-Mining Vest protects the major areas of the upper body to which damage could be life-threatening such as the chest, groin and neck. The front armour section is a one-piece design which is uniquely sewn and permits a three dimensional neck protection without any joins in the Aramid fibres.

Vest worn with LBA De-Mining Visor

LBA De-Mining Vest DMV1- 701

LBA De-Mining Vest DMV2 - 702

702 - LBA DMV2

The DMV2 offers enhanced groin and shoulder protection when compared to the DMV1.

LBA De-Mining Vest DMV2 - 702



The LBA 800 Series armours have been designed in close co-operation with international mine clearing operation/humanitarian and UN agencies. Ongoing research and development into the design of new, lighter materials that provide even greater protection from all types of explosive devices is an LBA priority.

IED SEARCH SUITS

LBA
800
SERIES

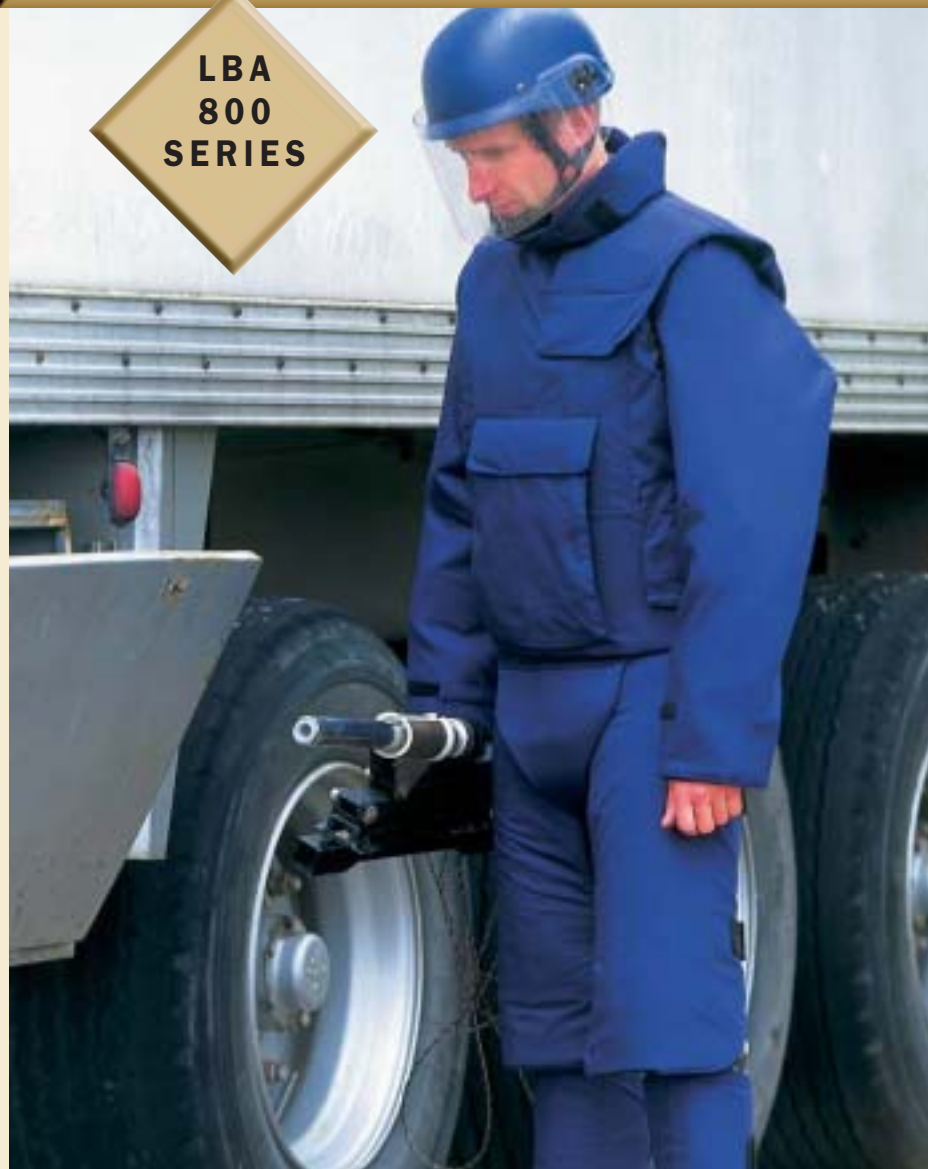
801 - IED SEARCH SUIT

The 801 IED Search Suit is the result of years of experience in the design of ballistic protective clothing for personnel involved in the search for and clearance of explosive devices. The 801 is a modular system that can change to fit the environment, and is used throughout the world by military and humanitarian mine clearance organisations.

(NSN 8470-99-301-2154)



801 - IED Suit



802 - IED Search Suit

802 - IED SEARCH SUIT

The LBA IED Search Suit is in use internationally by military and humanitarian mine clearing operatives, including the UN, who are engaged in the search and clearance of explosive devices. Based on a modular system, the suit can be adapted according to the operational demands of each situation.

803 - BOMB SUPPRESSION BLANKET

804 - BOMB CIRCLE

The 803 & 804 provide the EOD technician with lightweight, highly protective and portable bomb handling equipment.



803 - Bomb
Suppression Blanket
804 - Bomb Circle

BALLISTIC CURVED SHIELDS

LBA shields are certified to NIJ 0108.01 and are available in NIJ IIIA level of protection.

BALLISTIC SHIELDS

LBA ballistic shields offer the best protection/weight ratios currently available.

Large Ballistic Shield



Handle detail



Large, Medium and Small Ballistic Shields

LBA Ballistic Shields are produced from the latest state-of-the-art composite armour technology. All products offer the highest level of ballistic protection, while retaining as much mobility as is practical.

BALLISTIC FLAT SHIELDS

LBA produces 4 standard flat shields which meet current police operational requirements. Designed to provide the maximum protection while being easily carried and deployed.

BALLISTIC CLIPBOARD (BC)

Introduced for use by 'road block' officers in Northern Ireland, the Ballistic Clipboard enjoys continued international success. It appears to be a standard issue clipboard but the NIJ Level IIIA armour level has saved many lives in the past 22 years.

The LBA clipboard also provides the best possible protection to police officers involved in traffic operations. The unit is fitted with a rigid handle.

Max weight: 1.35kg Size: 390 x 310mm



SIEGE SHIELD



A full body length shield fitted with fully adjustable carrying handles which provides officers with the best possible protection in siege, hostage or riot control situations. The shield is fitted with an anti ballistic window. An articulated centre hinge enables the unit to be folded and stored easily in the boot of a police vehicle.

Max weight: 14.00kg
Height 1.83m extended, 1.15m folded
Width 0.58m

MIDI SHIELD



A half body length shield with all the advantages of the full length unit including the anti ballistic window. The midi shield is excellent in restricted space operations.

Max weight: 9.50kg
Height 1.22m
Width: 0.51m

MINI SHIELD



This unit provides the same high level of protection as all LBA shields. Designed to protect the full upper body area. The mini shield can be comfortably carried on one arm.

Max weight: 2.60kg
Height: 0.56m
Width: 0.51m



NIJ IIIA

SIZES AVAILABLE FOR CURVED SHIELDS

Size	Height	Width	Ballistic Window
Small	660mm (26")	565mm (22")	N/A
Medium	1000mm (39")	565mm (22")	100mm x 250mm (4" x 10")
Large	1300mm (51")	565mm (22")	100mm x 250mm (4" x 10")

SIZES AVAILABLE FOR FLAT SHIELDS

Size	Height	Width	Ballistic Window
Mini	560mm (22")	510mm (20")	N/A
Midi	1220mm (48")	510mm (20")	100mm x 100mm (4" x 4")
Siege	1830mm (71")	580mm (23")	100mm x 100mm (4" x 4")

HARD ARMOUR



Tetramid Plate



Polythene Plate CP-PE

LBA is the world leader in the development of hard armour ballistic plates. LBA can defeat the rifle threat by either using a ceramic based system/ polythene or its new Tetramid hard armour system which shows a major improvement in the performance to weight ratio.



NIJ III



NIJ IV

NIJ Level	Ammunition	Weight Grains	Maximum Velocity m/sec (ft/sec)	Energy Joules	No. of strikes							
					CP1*	CP-PE*	CP3*	SA3	CP4*	CP4 Plus*	SA4	CP4T*
	5.45mm Mild Steel Core	54	930 (3050)	1510	3	6	6	6	3	6	6	6
	5.56 M193	55	1000 (3280)	1780	3	6	6	6	3	6	6	6
	5.56mm SS109	62	1000 (3280)	2005	3	-	6	6	3	6	6	6
	7.62 x 39mm Mild Steel Core	123	740 (2425)	2180	3	6	6	6	3	6	6	6
III	7.62 x 51mm NATO Ball	150	853 (2800)	3535	1	6	6	6	1	6	6	6
	7.62 x 51mm (DAG AP)	150	838 (2750)	3415	-	-	1	1	1	3	3	3
IV	7.62 x 63 (30-06) AP	166	883 (2900)	4195	-	-	-	-	1	1	1	3
Plate weight (kg)					2.20	1.65	2.65	3.10	3.15	3.25	3.60	2.80

*Combination Plates (CP) must be used with a minimum NIJ Level IIIA Soft Armour

Note: 1 shot must be 75mm from an edge

2 or 3 shots must have a minimum 100mm between shots and 75mm from an edge

6 shots must have a minimum 50mm between shots and 75mm from an edge

Please note that with Combination Plates the round may be defeated in either the Plate or the Soft Armour

Combination Plates (CP) - Are used in conjunction with a minimum NIJ Level II Soft Armour.

The Combination Plates are lighter and less expensive than their Stand Alone counterparts.

Stand Alone Plates (SAP) - Will work by themselves without any Soft Armour.

Plus Plates (PP) - Used in conjunction with NIJ Level IIIA Soft Armour. This plate can be used to meet the full requirements of either NIJ III or NIJ IV.

With many years of design experience, LBA has refined the shape and curvature of its ceramic plates and offers, as standard, a 'Multi-Curve' plate which follows the body contours, allowing superior comfort and mobility. Ceramic plates are available in the following size:

250 x 300mm (10" x 12").

NATO Stock Numbers

Style	Size	NSN
CP III	250 x 300mm (10 x 12")	8470-17-056-5765
SAP III	250 x 300mm (10 x 12")	8470-99-063-0154
SAP IV	250 x 300mm (10 x 12")	8470-99-831-6846

LATEST HARD ARMOUR TECHNOLOGIES

The new LBA Tetramid® CP4T Plate offers protection in excess of NIJ 01.01.04. Level IV at a remarkably low weight, saving 800 grams (28oz) against similar plates.

This revolutionary performance is the result of the latest advances in ceramic and fibre technologies developed by LBA International.



UK PSDB SG1 PLATE

The SG1 Plate has been developed to meet the UK PSDB standard for shotgun protection. It will provide solid lead slug protection at close range.

Standard plate size: 250 x 300mm (10 x 12")
Other plate sizes available upon request



Ammunition	Weight Grains	Maximum Velocity m/sec (ft/sec)	Energy Joules	No. of strikes	Weight (250x300mm plate size)
Winchester 1oz Rifled Lead Slug 12 Gauge	437	450 (1475)	2875	1	1.0kg

SG 1 Plate must be used with a minimum NIJ Level IIA or PSDB HG2 Soft Armour
Please note that with Combination Plates the round may be defeated in either the Plate or the Soft Armour



806 - BALLISTIC BLANKET

The LBA Ballistic Blanket provides a portable, flexible, lightweight and multi-purpose means of protection. It is used extensively by police and paramedics to cover windows, doors or gaps between buildings to protect injured personnel or to protect themselves whilst attending a situation.

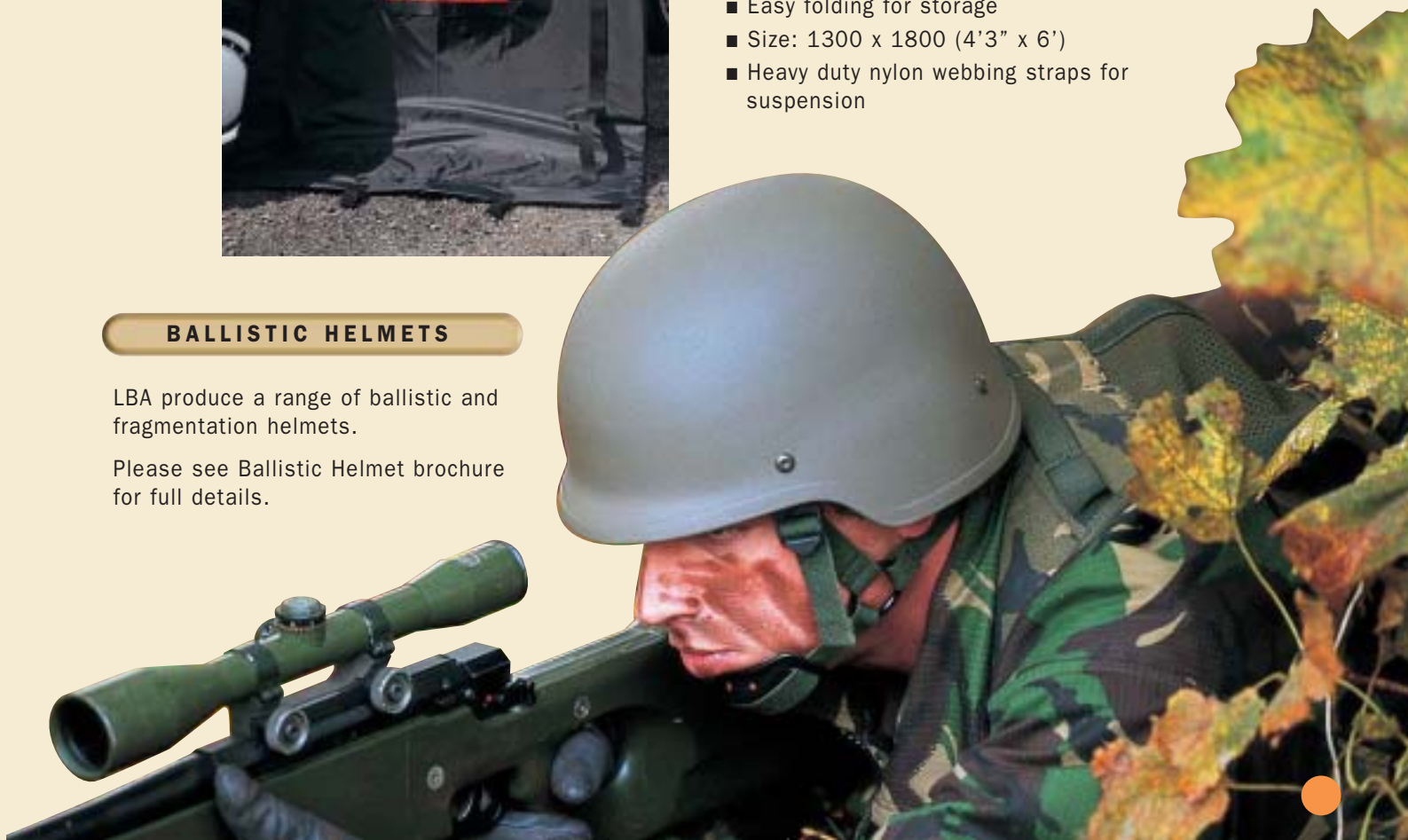
Features:

- Easy folding for storage
- Size: 1300 x 1800 (4'3" x 6')
- Heavy duty nylon webbing straps for suspension

BALLISTIC HELMETS

LBA produce a range of ballistic and fragmentation helmets.

Please see Ballistic Helmet brochure for full details.



BOMB INHIBITOR



The LBA Systems Inhibitor is the modern alternative to the Bomb Blanket which does not have the ability to extinguish the fireball or reduce blast, which can be the cause of most damage.

The Inhibitor has successfully been trialed against 2kg of explosive, resulting in a 90% reduction in blast while virtually eliminating the fireball. Supplied complete with an easy-opening, high visibility wall-mounted container.



DEPLOYMENT

Bomb inhibitors are installed in airports, government buildings, public places and shopping malls. They are also used in mail sorting offices and areas where there is any threat of letter bomb attack. Inhibitors are essential for safekeeping of suspect devices or munitions that are delivered to police stations prior to examination by bomb disposal officers.

OPERATION

Quickly withdraw the large locking pin in the top of the container. The lid which contains the inhibitor immediately drops down. The inhibitor is easily lifted and carried to where the suspect device is located. Place the inhibitor over the device, release the 10m draw cord and quickly leave the area.

INSTALLATION

Bomb inhibitors are easily installed and contained in wall mounted bright yellow containers which are clearly identifiable. Simple instructions on the outside of each container clearly show how to use the inhibitor.

RENDER SAFE

Inspection by bomb disposal officers can be made by x-ray through the inhibitor. No picture distortion takes place. 10m draw rope allows for the lifting of the inhibitor for visual inspection of the suspect package at a safe distance. Disrupters can be fired through the inhibitor effectively.

BENEFITS

- Saves lives, reduces casualties
- Up to 90% reduction in blast damage
- Up to 90% reduction in fragmentation damage
- Virtual elimination of fire risk
- Consequential loss reduction
- Retains forensic evidence
- Temperature range -45°C to +55°C
- Simple to install
- Guaranteed for 3 years

ACCESSORIES

LBA produces a full range of accessories to complement its products. These accessories are designed and manufactured to the highest quality standards expected of LBA International.

TRAUMA PACKS



LBA Trauma Packs can be inserted behind any Soft Armour system and will dramatically reduce the 'blunt trauma'. For example, the depression in plasticine caused by a 9mm parabellum strike on an NIJ Level II system will be reduced from 32mm to 14mm.

SPARE COVERS - COLOURS & MATERIALS



Spare/replacement covers can be supplied in a full range of colours and materials.

CARRIER BAGS



A complete range of carry bags is available to maintain LBA's products in pristine condition. These include: Single Vest Bag, Helmet Bag, Vest & Helmet Bag, Search Suit Bag and Bomb Suit Bag.

WARRANTIES/GUARANTEES

All LBA products are covered by product guarantees and are supplied in accordance with our standard terms and conditions, which have specific warranties and limitations. Copy available on request. The information contained in this brochure is supplied in good faith. The company reserves the right to alter specifications and designs due to its continuing policy of product improvement and development.



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