

PARNISARI ARMS



PRODUCT CATALOGUE
YEAR 2024-2025



INTRODUCTION

PARNISARI ARMS SRL

FRONT LINE DEFENCE DEMANDS TOP OF THE LINE EQUIPMENT

For over two decades, Parnisari Arms s.r.l has been designing, manufacturing and selling high-performance personal protection products for Military and Law Enforcement agencies worldwide, enjoying a reputation for excellence that is unsurpassed in the defence industry. The company prides itself in its design, materials and quality, delivering a high end product that meets the most severe MIL-standards. The production, based on modern cutting edge technology, is combined with traditional craftsmanship and the result is the pinnacle of this synthesis. Each product is meticulously inspected and field tested. Every piece manufactured at Parnisari Arms s.r.l is the result of painstaking research and development, measuring up to the company rigorous standards for quality and performance. This is a Parnisari Arms s.r.l hallmark.

Parnisari Arms's products are consistently developed with the direct involvement of the end user and in close cooperation with Italian and Foreign Armed Forces.

To achieve best performance and function, no compromises are made in the design. This makes Parnisari Arms s.r.l armoured protections best known for their outstanding sturdiness, meeting the toughest military standards. All products are externally tested against **NIJ, PSDP, US Military and NATO Standards**.

Parnisari Arms s.r.l serves as an official supplier to the Armed Forces with **NATO code (N/CAGE) AEA08**, operating globally and providing mission-critical services for Defence and Security markets.

Building on proven capabilities in large and complex cooperations with Defense Industries worldwide, Parnisari Arms s.r.l steps up to the security challenges of its customers in an increasingly interconnected, technology-driven world. Civil and military systems benefit from many of the same technologies and innovations.

Sourcing these dual technologies has been a long tradition for Parnisari Arms s.r.l, thanks to its network of high level companies offering an extensive range of products and services, which are ideal for use in a wide variety of applications. Leveraging a global presence and spanning the entire value chain , from prime contracting to equipment, Parnisari Arms s.r.l plays a pivotal role in making the world a safer place.

As technology becomes the dominant force of the new millennium, Parnisari Arms Services are at the leading edge of an ever more dynamic and demanding global marketplace. Few companies have the resources and expertise to deliver the broad range of products and services that the company offers, with the commitment to performance and continuous innovation that allows us to deliver proven, comprehensive, best-in-class solutions to commercial and military markets around the world.

Bruno Parnisari
CEO-Parnisari Arms srl

CERTIFICATIONS

PARNISARI ARMS SRL



Certificate

The SQS herewith attests that the organisation named below has a management system that meets the requirements of the normative base mentioned.



Parnisari Arms S.r.l.
Via Opifici, 2
28040 Lesa (NO)
Italy

Scope

Design and development, production and selling of defense and law enforcement products

Normative base

ISO 9001:2015

Quality Management System

Reg. no. 51960

Validity 27.04.2021 – 26.04.2024
Issue 27.04.2021

A. Gizaad
A. Gizaad, President SQS

F. Müller
F. Müller, CEO SQS

Swiss Association for Quality and Management Systems (SQS)
Bermstrasse 103, 3052 Zollikofen, Switzerland



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

SQS has issued an IQNet recognized certificate that the organization:

Parnisari Arms S.r.l.
Via Opifici, 2
28040 Lesa (NO)
Italy

has implemented and maintains a
Management System

for the following scope:

Design and development, production and selling of defense and law enforcement products

which fulfills the requirements of the following standard(s):

ISO 9001:2015

Issued on: 2021-04-27

Expires on: 2024-04-26

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: CH-51960



Alex Stoichitoiu
Alex Stoichitoiu
President of IQNet

F. Müller
Felix Müller
CEO SQS



IQNet Partners*
AESOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CIBQ Italy
CQC China CQM China CQS Czech Republic Cus Cert Croatia DQS Holding GmbH Germany EMILL Certification Group USA
FCM Brazil FORDISORMA Venezuela ISONTEC Colombia Ingenta Services Oy Finland INTECO Costa Rica
IRAM Argentina IQS Japan IPQ Korea IRIETEC Greece IRIET Hungary Soudal AB Norway SQA Ireland
WPC-RISE Mexico PCBC Poland Quality Austria Austria SR Russia SII Israel SIQ Slovenia
SRIM QMS International Malaysia SQS Switzerland SRAC Slovakia TSIIT St Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

BALLISTIC HELMET

LEVEL IIIA

BK-ACH - VISOR AND NECK PROTECTION



INTRODUCTION

The **BK-ACH** ballistic helmet meets all the requirements of the modern army ballistic helmet and can be identified with the **US High Cut version of the ACH model**.

The helmets are designed to take very small trauma, tested with fragments and with hand weapon ammunition.

Excellence in the field of absorption of projectile impact energy, and on field comfort, helmet ventilation, perfect connection between the helmet and the user's head.

FEATURES

- **Excellent** resistance against a range in size of fragments and bullets;
- balance between **resistance** to penetration;
- low dynamic deflection;
- poor adhesion to the resin;
- good dimensional stability;
- Boa closure system.

Ballistic resistance insensitive to:

- Temperatures **-52 - 70 ° C**,
- Soaking in sea water,
- Wide range of chemicals e detergents.

MORE INFORMATIONS

The composition of the system pad can be modified according to customer requests. The construction is as follows starting from the side of the head:

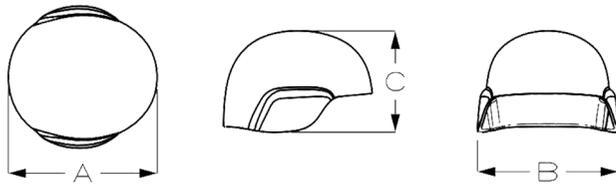
1. **COOLMAX**,
2. **MEMORY FOAM**,
3. **CUSHIONING FOAM**,
4. **LOOP LAYER**.

BALLISTIC HELMET

LEVEL IIIA

BK-ACH - VISOR AND NECK PROTECTION

HELMET SIZE and WEIGHT



HELMET SIZE	HEAD SIZE	A - MM	B - MM	C - MM	HELMET WEIGHT
S	52 - 55	244	202	157	1350 gr.
M	56 - 58	254	206	165	1400 gr.
L	59 - 61	265	215	168	1450 gr.
XL	62 - 64	278	225	174	1500 gr.

LEVEL of BALLISTIC PROTECTION

NIJ Standard for ballistic helmets 0106.01
Level II

NIJ Standard for ballistic helmets 0101.04
Level IIIA

NIJ Standard for ballistic helmets 0101.04
Level IIIA

AMMUNITION	SPEED 2,5 M	BULLET MASS
cal. 9mm Parabellum FMJ	358 ±15 m/s	8,00 gr.
cal. 357 Magnum JSP	425 ±15 m/s	10,2 gr.
cal. 9mm Parabellum FMJ	436 ±9 m/s	8,00 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.
cal. 357 SIG FMJ FN	430 ±9 m/s	8,1 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.

BALLISTIC HELMET

LEVEL IIIA

BK-ACH - VISOR AND NECK PROTECTION



NVG

The BK-ACH helmet is equipped with a **front NVG** holder mounted with three screws. Made of durable **PA** polymer with aluminum base coating for added strength and durability.

It also provides a **secure fixation**, video cameras, illuminators and others components.

The size is 94mm x 91mm and the weight is 45 ± 5 grams.

GUIDE LATERALI

The side rails are made of strong **PA** polymer filled with **glass fibers**. The platform standard of rail mounting corresponds to **MIL-STD-1913** and is equipped with rubber bands and high strength buckle.

The weight of a pair of rails is 110 ± 5 grams.



BOA CLOSING SYSTEM (optional)

The **BOA closure** system stabilizes the weight of the helmet by distributing pressure light and uniform around the jaw.

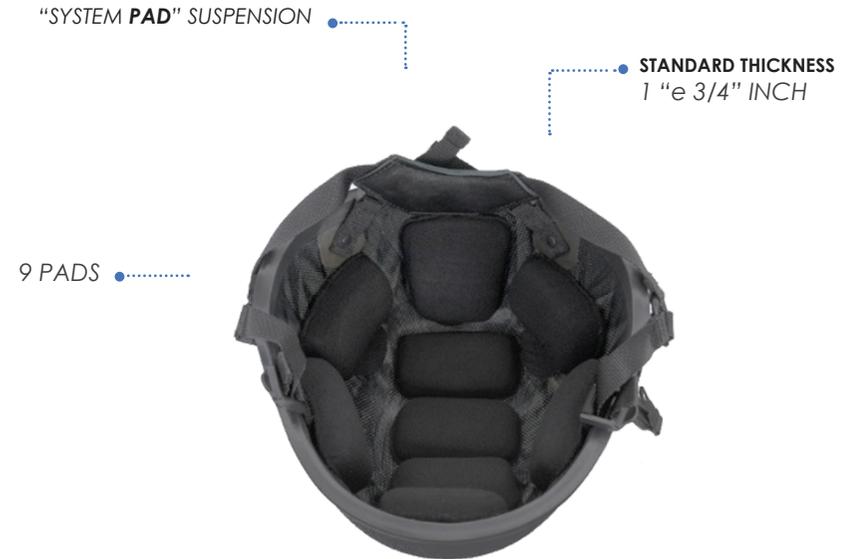
The system allows in fine tightening adjustment straps up to a maximum of **40 mm on each side.**

The adjustment straps and chin guard have been designed for a snug and comfortable fit to the wearer's face.

The **symmetrical design** keeps the buckle tucked smoothly along the jaw line while maintaining an even feel around the chin guard.

BALLISTIC HELMET

BK-ACH-HC



INTRODUCTION

The **BK-ACH-HC** ballistic helmet meets all the requirements of the modern army ballistic helmet and can be identified with the **US High Cut version of the ACH model**.

The helmets are designed to take very small trauma, tested with fragments and with hand weapon ammunition.

Excellence in the field of absorption of projectile impact energy, and on field comfort, helmet ventilation, perfect connection between the helmet and the user's head.

FEATURES

- **Excellent** resistance against a range in size of fragments and bullets;
- balance between **resistance** to penetration;
- low dynamic deflection;
- poor adhesion to the resin;
- good dimensional stability;
- Boa closure system.

Ballistic resistance insensitive to:

- Temperatures **-52 - 70 ° C**,
- Soaking in sea water,
- Wide range of chemicals e detergents.

MORE INFORMATIONS

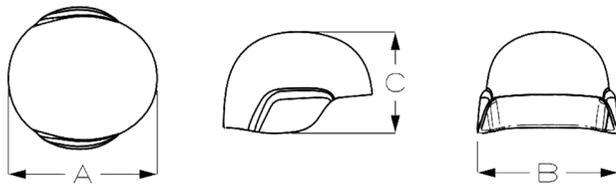
The composition of the system pad can be modified according to customer requests. The construction is as follows starting from the side of the head:

1. **COOLMAX**,
2. **MEMORY FOAM**,
3. **CUSHIONING FOAM**,
4. **LOOP LAYER**.

BALLISTIC HELMET

BK-ACH-HC

HELMET SIZE and WEIGHT



HELMET SIZE	HEAD SIZE	A - MM	B - MM	C - MM	HELMET WEIGHT
S	52 - 55	244	202	157	1350 gr.
M	56 - 58	254	206	165	1400 gr.
L	59 - 61	265	215	168	1450 gr.
XL	62 - 64	278	225	174	1500 gr.

LEVEL of BALLISTIC PROTECTION

NIJ Standard for ballistic helmets 0106.01
Level II

NIJ Standard for ballistic helmets 0101.04
Level IIIA

NIJ Standard for ballistic helmets 0101.04
Level IIIA

AMMUNITION	SPEED 2,5 M	BULLET MASS
cal. 9mm Parabellum FMJ	358 ±15 m/s	8,00 gr.
cal. 357 Magnum JSP	425 ±15 m/s	10,2 gr.
cal. 9mm Parabellum FMJ	436 ±9 m/s	8,00 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.
cal. 357 SIG FMJ FN	430 ±9 m/s	8,1 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.

BALLISTIC HELMET

BK-ACH-HC



NVG

The BK-ACH helmet is equipped with a **front NVG** holder mounted with three screws. Made of durable **PA** polymer with aluminum base coating for added strength and durability.

It also provides a **secure fixation**, video cameras, illuminators and others components.

The size is 94mm x 91mm and the weight is 45 ± 5 grams.

SIDE RAILS

The side rails are made of strong **PA** polymer filled with **glass fibers**. The platform standard of rail mounting corresponds to **MIL-STD-1913** and is equipped with rubber bands and high strength buckle.

The weight of a pair of rails is 110 ± 5 grams.



BOA CLOSING SYSTEM (optional)

The **BOA closure** system stabilizes the weight of the helmet by distributing pressure light and uniform around the jaw.

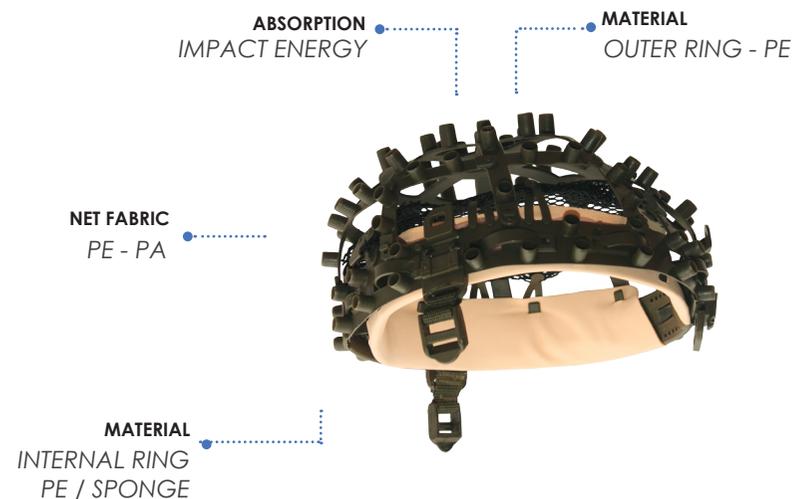
The system allows in fine tightening adjustment straps up to a maximum of **40 mm on each side.**

The adjustment straps and chin guard have been designed for a snug and comfortable fit to the wearer's face.

The **symmetrical design** keeps the buckle tucked smoothly along the jaw line while maintaining an even feel around the chin guard.

BALLISTIC HELMET

BK - 3



INTRODUCTION

The **BK-3** ballistic helmet meets all the requirements of the modern ballistic helmet for the land army and can be identified with the USA PASGT and MITCH models.

Geometric belongs to the category of European type **FRITZ** helmets.

Helmet without bolts that does not use screws to connect the internal equipment with the shell, compared to the patented "**click**" system.

FEATURES

The advantages of this helmet are as follows:

- there are no potential weaknesses ballistics on a helmet shell;
- increased protection surface;
- there is no possibility of fragmentation secondary;
- the mass of the helmet remains unchanged;
- the comfort of use increases by lowering the helmet center of gravity;
- the force on the soldier's chin has decreased;
- the net absorbs ballistic energy.

MORE INFORMATIONS

The **SHOTECK** internal equipment adjusts to a helmet with three points that allowed for quick and easy assembly.

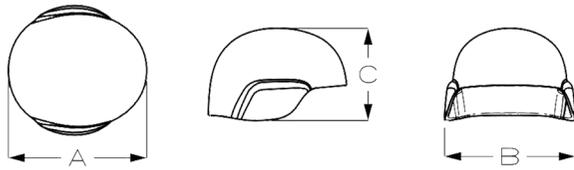
The internal equipment is prepared for the model without **bolts BK-3**, it means: first helmet without holes for the fixing of the internal equipment on a shell, and first helmet without potential weak points.

The particular quality of the chin strap is given by the fact that on one side there is the **PRESS buckle** allows you to remove and fasten the helmet on one head.

BALLISTIC HELMET

BK - 3

HELMET SIZE and WEIGHT



HELMET SIZE	HEAD SIZE	A - MM	B - MM	C - MM
S	53 - 55	253±2	223±2	155±2
M	56 - 58	268±2	233±2	163±2
L	59 - 62	284±2	247±2	171±2

LEVEL of BALLISTIC PROTECTION

HELMET SIZE	PROTECTION AREA- CM2
S	1150
M	1220
L	1390

BALLISTIC HELMET

BK - 3



INTERNAL EQUIPMENT

The main feature of the **SHOTECK** equipment inside is its geometry. On the external surface of the equipment there are elements for the impact of the bullet, with their deformation they absorb the energy of the impact.

This also confirms the **test** results due to different standards and one of these is **EN 397**. The height of these elements of 12 - 14 mm ensures the necessary difference between the surface

helmet interior and the helmet user's head. Inside it is at the same time achieved **perfect** conditioning of the air inside the helmet.

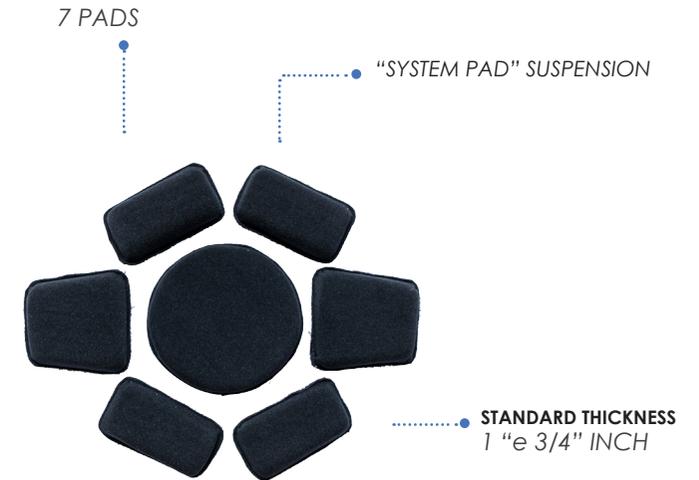
The parts of the internal equipment to direct contact with the user's skin are covered with natural leather with characteristics antiallergic.

The ability to adjust inside of the **SHOTECK** equipment is very easy to use and easy. With

this structure it is possible to adjust due to the volume of the head, furthermore wearing is simple, fast and without the need to use any tools.

Comfort, helmet stability, the necessary distance between the head and the inner surface of the shell are always ensured at all adjustment points.

BALLISTIC HELMET BK-ACH



INTRODUCTION

The BK-ACH ballistic helmet meets all the requirements of the modern anti-ballistic helmet for the **army and police**.

The helmets are designed to take very small trauma, tested with fragments and with hand weapon ammunition.

Excellence in the field of absorption of projectile impact energy, and on field comfort, helmet ventilation, perfect connection between the helmet and the user's head.

FEATURES

- **Excellent** resistance against a range in size of fragments and bullets;
- balance between **resistance** to penetration;
- low dynamic deflection;
- poor adhesion to the resin;
- good dimensional stability.

Ballistic resistance insensitive to:

- Temperatures **-52 - 70 °C**,
- Soaking in sea water,
- Wide range of chemicals e detergents.

MORE INFORMATIONS

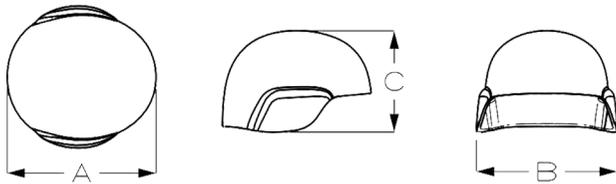
The composition of the **system pad** can be modified according to customer requests. The construction is as follows starting from the side of the head:

1. **COOLMAX**,
2. **MEMORY FOAM**,
3. **CUSHIONING FOAM**,
4. **LOOP LAYER**.

BALLISTIC HELMET

BK-ACH

HELMET SIZE and WEIGHT



HELMET SIZE	HEAD SIZE	A - MM	B - MM	C - MM	HELMET WEIGHT
S	52 - 55	244	231	168	1300 gr.
M	56 - 58	254	235	172	1350 gr.
L	59 - 61	265	246	177	1400 gr.
XL	62 - 64	278	258	182	1450 gr.

LEVEL of BALLISTIC PROTECTION

NIJ Standard for ballistic helmets 0106.01
Level II

NIJ Standard for ballistic helmets 0101.04
Level IIIA

NIJ Standard for ballistic helmets 0101.06
Level IIIA

AMMUNITION	SPEED 2,5 M	BULLET MASS
cal. 9mm Parabellum FMJ	358 ±15 m/s	8,00 gr.
cal. 357 Magnum JSP	425 ±15 m/s	10,2 gr.
cal. 9mm Parabellum FMJ	436 ±9 m/s	8,2 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.
cal. 357 SIG FMJ FN	430 ±9 m/s	8,1 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.

BALLISTIC HELMET

BK-ACH-HC VISOR



Internal diameter 244 MM

INTRODUCTION

The **BK-ACH-HC** ballistic helmet meets all the requirements of the modern anti-ballistic helmet for the army and is identifiable with the **USA ACH** and **MICH** models.

Helmets are designed to have a lot of trauma small tested with fragments and with pistol ammunition.

- level II and IIIA according to **NIJ 0106.01** modified as minimum values
- $V50 \geq 650$ m/s according to **NATO STANAG 2920** or **MILSTD 662F V50 ≥ 2150 ft / sec** (650 m / sec) as a minimum value

FEATURES

The aramid material has excellent resistance ballistics, long stable life, ballistic resistance insensitive to:

- **Wide temperature range from -52 to $+70$ ° C**
- **Soaking in sea water**
- **Wide range of chemicals and cleaning agents.**

The helmets are made with advanced compression molding technology with the use of aramid fiber. The required temperature cycle times and high molding pressure provide superior ballistic performance and meet all structural requirements.

MORE INFORMATIONS

The **material** of the visors is:

- **High performance PC**
- **high performance PC / PMMA laminate with ai stability UV rays.**

It can be adjusted and fixed in three positions lower 5 °, medium 35 ° and above 85 °. It is mounted using the Piantinny support and can be removed and mounted on one side only without the use of additional tools. The inner side can be coated with one layer anti-fog. There are different models and size to choose from.

Weight:
1,150 kg

BALLISTIC HELMET

BK-ACH BALLISTIC VISOR



TECHNOLOGY

The internal PAD equipment is created through a period of research and improvement. The final result is inside the ballistic helmets with excellent characteristics: in the field of absorption of the impact energy of the bullet and on the comfort of the wear field.

The equipment consists of the following parts:

- Set of 9 PADs 19mm thick, in expanded polyethylene.
- Additional set of 9 PADs
- Velcro elements

Two trapezoidal bearings (front and rear) and seven oblong bearings (distributed on top) and along the perimeter for comfort and stability).

The chin straps are easily removable, tested on heat, humidity and chemical resistance. They confer dimensional stability, strength and resistance to all weather conditions.



STRUCTURE

The adjustment system stabilizes the weight of the helmet by distributing even pressure around the head for better fixation and fine tightening.

The system is sewn onto the neck pad and is easy to adjust. To release tension, press the rotary knob, to tighten, rotate it clockwise.

The helmet is equipped with NVG front support mounted with three ballistic bolts; support is made of PA6 polymer with aluminum base cover for added strength and durability. The universal cover is compatible with most common NVGs and provides a secure attachment for cameras, lights and other components.

The size of the NVG holder is 94mm x 91mm and the weight is 45 ± 5 grams.

The side rail consists of two platforms of assembly according to the MIL-STD-1913 standard, it is equipped with elastic and buckle for better fixation of the mask. Accessories include:

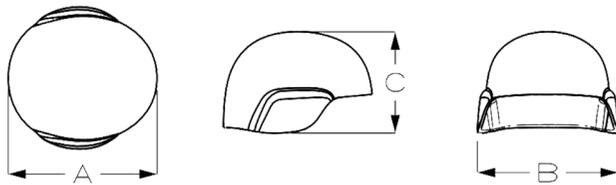
- "tool" vertical forward
- various adapters
- electro-optical sights
- flashlights
- laser sights.

The weight of a pair of rails is 110 ± 5 grams.

BALLISTIC HELMET

BK-ACH BALLISTIC VISOR

HELMET SIZE and WEIGHT



HELMET SIZE	HEAD SIZE	A - MM	B - MM	C - MM	HELMET WEIGHT
S	52 - 55	248	234	168	1450 gr.
M	56 - 58	257	237	174	1500 gr.
L	59 - 61	267	246	177	1550 gr.
XL	62 - 64	280	260	183	1650 gr.

LEVEL of BALLISTIC PROTECTION

NIJ Standard for ballistic helmets 0106.01
Level II

NIJ Standard for ballistic helmets 0101.04
Level IIIA

NIJ Standard for ballistic helmets 0101.06
Level IIIA

AMMUNITION	SPEED 2,5 M	BULLET MASS
cal. 9mm Parabellum FMJ	358 ±15 m/s	8,00 gr.
cal. 357 Magnum JSP	425 ±15 m/s	10,2 gr.
cal. 9mm Parabellum FMJ	436 ±9 m/s	8,2 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.
cal. 357 SIG FMJ FN	448 ±9 m/s	8,1 gr.
cal. 44 Magnum SJHP	436 ±9 m/s	15,6 gr.



PARNISARI ARMS S.R.L

HELMET ANTI-RIOT



INTRODUCTION

The riot helmet used by the Police, Guardia di Finanza, Custody Officers (Penitentiary Police) and other Italian laws.

Application all over the world.

Developed and produced according to C. T. 38 / M

FEATURES

- High impact resistance polycarbonate shell with head ventilation system,
- Internal polystyrene lining for maximum absorption bumps,
- Padded internal lining in fireproof fabric,
- 4 mm polycarbonate visor with locking up or down,
- Shaped neck protection with inserts in polycarbonate and fireproof fabric covering,
- Quick release retention system with chin guard removable.

MORE INFORMATIONS

Sizes:

- 52
- 62

Weight:

- 1,350 grams

Colors:

- White,
- Blue,
- Light blue,
- Green.



PARNISARI ARMS S.R.L

HELMET
ANTI-RIOT

SPECIFICATIONS

The PARNISARI RTIOO6 models riot helmet is tested according to the following specifications:

Shock absorption: UNI 7417-75- The helmet, on a headboard, is impacted with a weight of 5 kg. mass from a height of 2.5 meters.

The transmitted energy must be less than: 15 KNewton ECE-UN No. 22 - 7.3.

Penetration of the shell: UNI 7417-75-3 kg.

Penetration (visor): 254 aluminum bullet grams) at 2 bar of air pressure ECE - UN n. 22 - 7.8.

Stiffness: UNI 7154.4 - 630 N for a time of 5 min.

Fire resistance: UNI 7154 7.7. - Bunsen burner at a distance of 2 cm. from the helmet shell.

Retention system: UNI 7417-75- Preload 15 kg. with dynamic load 10 kg. from 750mm. UN ECE n. 22 - 7.6

Chemical resistance: 25 ml. Of gasoline and the most common acid and basic solutions (80% conc.) On the

shell and face for a time of 3 min.

Tests carried out at room temperature (25 ° C), high (+50 0) and low (-20 0 C) with a minimum conditioning time of 4 hours.

VISOR

REMOVABLE BALLISTICS



THICKNESS
5 MM

MATERIAL
POLYCARBONATE



180 MM

INTRODUCTION

Ballistic visor to be applied on helmets.

Splinter-proof use, removable in seconds.

FEATURES

Ballistic resistance
STANAG 2920 V.50 250
meters / Sec.

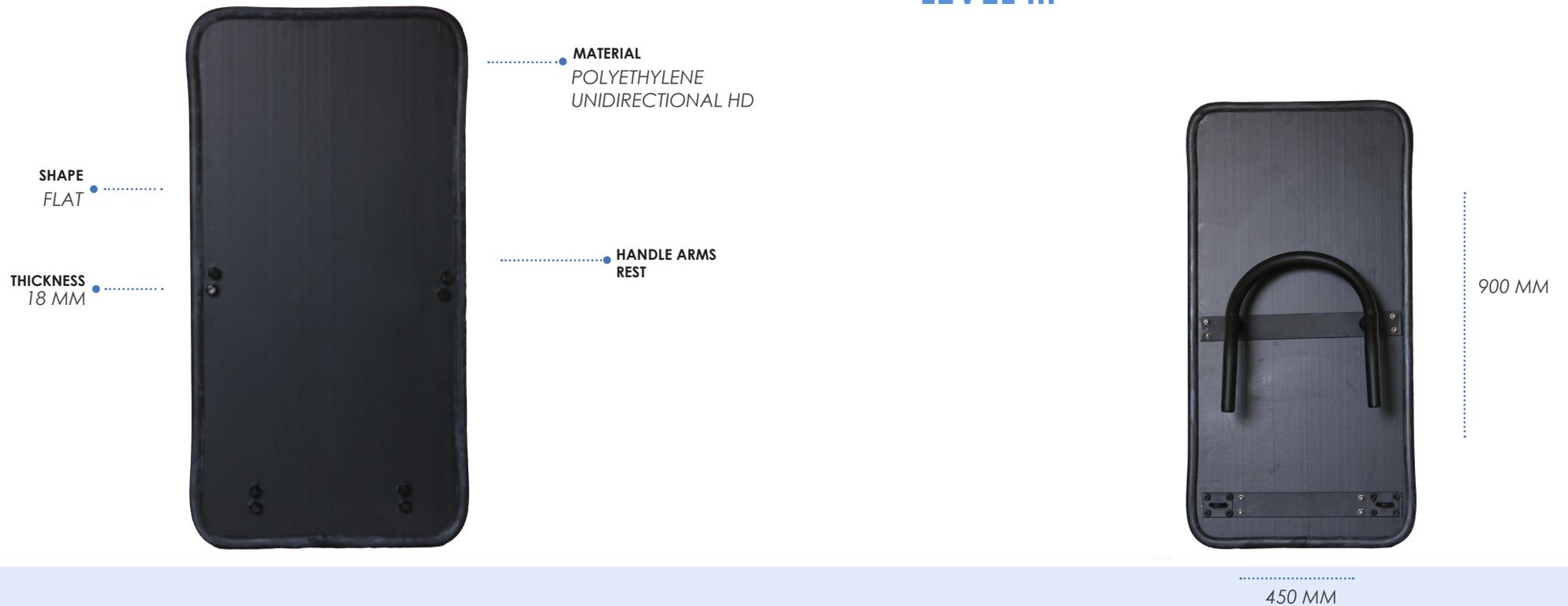
MORE INFORMATIONS

Total weight:
0,560 kg

Visor height **180 mm.**

BULLETPROOF SHIELD

LEVEL III



INTRODUCTION

This protective shield model is ideal for the Armed Forces.

The use is aimed at the recovery of hostages and during the raid on premises where there are imminent dangers, such as terrorist attacks.

FEATURES

The standard version of the bullet proof shield includes:

- armrest handle;
- offers quick protection for the missions of rescue;
- transportation bags.

MORE INFORMATIONS

CERTIFICATIONS:

- **NJ-STD 0101-03/04 level III**

7.62 Nato a 830m/sec - 7.62 x 39 mm a 730m/sec.

Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:

- **Prof. N° 22/BAL-AG/vp, February 23, 2011.**

Weight:

9,00kg.

BULLETPROOF SHIELD

LEVEL III



INTRODUCTION

This protective shield model is ideal for the Armed Forces.

The use is aimed at the recovery of hostages and during the raid on premises where there are imminent dangers, such as terrorist attacks.

FEATURES

The standard version of the bullet proof shield includes:

- arm rest handle;
- offers quick protection for the missions of rescue;
- optional transport bags;
- Fox Furry 600 lumen lighting system included.

MORE INFORMATIONS

CERTIFICATIONS:

- **NJ-STD 0101-03/04 level III**

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Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:

- **Prof. N° 22/BAL-AG/vp, February 23, 2011.**

Weight:

- with level bulletproof window

III with dimensions 195 mm x 265 mm

14,500 kg.

BULLETPROOF SHIELD

LEVEL III



INTRODUCTION

This protective shield model is ideal for the Armed Forces.

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FEATURES

The standard version of the bullet proof shield includes:

- arm rest handle;
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MORE INFORMATIONS

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Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:

- **Prof. N° 22/BAL-AG/vp, February 23, 2011.**

Weight:

- with level bulletproof window

III with dimensions 195 mm x 265 mm

15,800 kg.

BULLETPROOF SHIELD

LEVEL IIIA



INTRODUCTION

This protective shield model is ideal for the Armed Forces and Police.

The use is aimed at the recovery of hostages and/or during the raid on premises where there are imminent dangers, such as terrorist attacks.

FEATURES

The standard version of the bullet proof shield

- includes:
- armrest grip;
 - offers quick protection for the missions of rescue;
 - optional transport bags.

Lighting system:

Fox Furry
600 lumens.

MORE INFORMATIONS

Weight:

- with level bulletproof window
III A with dimensions 165mm x 265mm
13 kg.

CERTIFICATIONS:

- **NJ-STD 0101-03/04 level IIIA**
7.62 Nato a 830m/sec - 9 mm/44 MAG
Banco Nazionale di Prova per le Armi da Fuoco
Portatili e per le Missioni Commerciali:
- **Prof. N° 22/BAL-AG/vp, February 23, 2011.**

ANTI-RIOT SHIELD

MOD. OP002 RECTANGULAR



IMPACT
FOAM OF
POLYURETHANE

THICKNESS
4 MM

MATERIAL

POLYCARBONATE



900 MM

525 MM

INTRODUCTION

The **Parnisari** anti-riot shield **model OP002** is used by the **Italian Armed Forces**, with the following features:

- injection molded polycarbonate,
- absorbent pad,
- 50 mm webbing with velcro and single piece,
- rubber coated.

FEATURES

Tested to the following specifications:

- Penetration: aluminum bullet, 254 grams with an impact surface of **750 mm²**, at 2 bar of air pressure;
- Impact resistance: **5 kg** impact. Spherical anvil from **10 meters**;
- Fire resistance: **UNI 7154 7.7** - Bunsen burner at a distance of **2 cm** from the shield;
- Resistance of the retention system: **UNI 7417-75** - Preload **15 kg**. Dynamic load **10 kg**, from **750 mm**;
- Chemical resistance: **25 ml**, of petrol and more common acid and basic solutions (80% conc.)

MORE INFORMATION

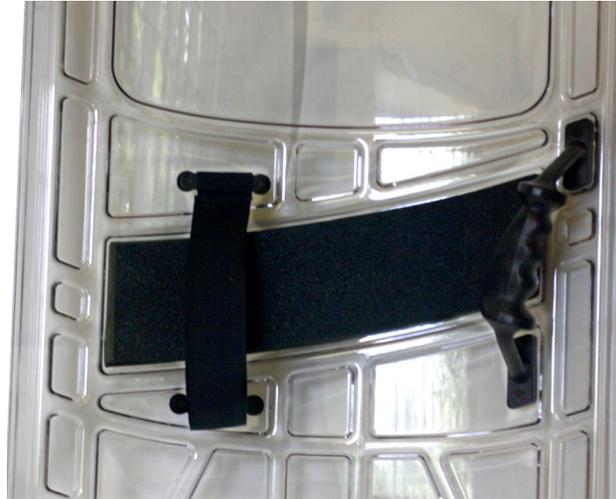
Tests carried out at room temperature (**250 °C**), high (**+ 50 °C**) and low (**-20 °C**) with a minimum conditioning time of **4 hours**.

Developed and produced according to S.T. 42/7/1.

ANTI-RIOT SHIELD

MOD. OP002 RECTANGULAR

TWO DIFFERENT **HANDLES**



SOFT BALLISTIC SHIELD

PROTECTOR IIIA

EXTERNAL PROTECTION
COORDURA 500
NOMEX 3
FIREPROOF



90 CM open
33 CM close

45 CM

INTRODUCTION

An ideal shield for steering wheels, the **VIP** protection, **security airport**, border and much more yet. The mobile and transportable shield for **quick use** personal protection.

The **PROTECTOR IIIA shield** is extremely light and easy to store consider the size and level of protection offered.

FEATURES

The **measure is ideal** for an immediate one personal protection and when not in use it can be stored anywhere.

The opening takes place with the use of one hand and in **less than 10 seconds**. Its versatility, mobility and handling have been designed with the user's needs in mind.

The size and weight make it a useful tool in areas where maneuverability is limited or the use of **traditional shields is impossible**.

MORE INFORMATIONS

CERTIFICATIONS:

Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:

- **Prof. N°22/BAL-AG/vp**
Febbraio 07, 2011.

Livello protettivo:

NIJ-STD 0101-03/04 Level IIIA

9 MM/ 44 MAG.

Peso:

3kg.

BALLISTIC SHIELD PROTECTOR III

PROTEZIONE ESTERNA
COORDURA 500
NOMEX 3
FIREPROOF



90 CM open
33 CM close

45 CM

INTRODUCTION

An ideal shield for steering wheels, the **VIP** protection, **security airport**, border and much more yet. The mobile and transportable shield for **quick use** personal protection.

The **PROTECTOR III shield** is extremely light and easy to store consider the size and level of protection offered.

FEATURES

The **measure is ideal** for an immediate one personal protection and when not in use it can be stored anywhere.

The opening takes place with the use of one hand and in **less than 10 seconds**. Its versatility, mobility and handling have been designed with the user's needs in mind.

The size and weight make it a useful tool in areas where maneuverability is limited or the use of **traditional shields is impossible**.

MORE INFORMATIONS

CERTIFICATIONS:

Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:

- **Prot. N°22/BAL-AG/vp**

Febbraio 07, 2011.

Protective level:

NIJ-STD 0101-103 Level III

7.62 NATO at 830m / sec - 7.62 x 39 mm at 730m / sec.

Weight:

6kg.

TACTICAL CART

BALLISTIC SHIELD HOLDER



THICKNESS
50 MM

WHEELS SIZE
260 MM x 80 MM

MATERIAL
PROFILE
ALUMINUM 6082

HEIGHT ADJUSTMENT
5 POSITIONS

WHEELS
PIVOTING,
WITH LOCK OF
POSITIONING



1650 MM

730 MM

INTRODUCTION

This protective shield model is ideal for the **Armed Forces and Police**.

The use is aimed at recovering hostages and / or during the break-in into premises where there are imminent dangers, such as terrorist attacks.

Suitable for inserting the ballistic shield and o additional frontal protection from **580 mm x height 560 mm**.

FEATURES

Tactical cart with 600mm x 1000mm shield inserted; lowerable to 1300mm.
Possibility of additional level III ballistic protection 580 x 560 mm.

Shield height adjustment:
5 positions with 100 mm interval, by means of 10 mm 304 **STAINLESS STEEL** bars.

Minimum height for positioning the lower part of the shield **170 mm from the ground**.
Maximum positioning height of the lower part of the shield **670 mm from the ground**.

MORE INFORMATIONS

Dimensions and weights of the tactical cart:

29.50 kg

- total height

960 mm

- width

625 mm - 730 mm (with wheel clearance)

- length

620 mm - 830 mm (with wheel clearance)

Total weight of tactical cart with 2 shields - level III:

50.10 kg

REMOVABLE SHIELD

MOD MP3 - POLYETHYLENE HD

THICKNESS
18 MM



MATERIAL
POLYETHYLENE
UNIDIRECTIONAL HD

HOOKS
SNAP A BAYONET



1000 MM

1000 MM

INTRODUCTION

This unit was designed and built for protection of workstations mobile or permanent on the battlefield or in defense of sensitive targets, air-transportable as it is of limited weight and size.

Aimed at the protection of operators armed.

FEATURES

Front tilted **30 degrees** with **8 mm x 70 mm** slots suitable for hooking the side panels.

Side panels dimensions 1000 x 1000 mm **base 900 mm hypotenuse 970mm.**

Certification:
Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:
- Prof. N°22/BAL-AG/vp
February 23, 2010.

Bullet ballistic resistors 5.56 x 45 SS109 + 7.62x51 Nato.

MORE INFORMATIONS

Weight:
- **front part**
18,00 kg
- **side part**
1,50 kg
- **total weight**
27,00 kg.

Color painting:
- NATO green RAL 6020,
- RAL 1002,
- other colors on request.

REMOVABLE SHIELD

MOD MP3 - POLYETHYLENE HD



USE AND MAINTENANCE MANUAL

- 1)) The user must pay the utmost attention to positioning and transporting the MP3 unit. Place the elements on flat ground without roughness.
- 2) The handling must take place through special trolley supplied, equipped with anti front sliding, the three elements will have to be fixed to the trolley by means of a special strap Black Nylon safety supplied, doing make sure that they are placed in the center of the trolley.
- 3) Use special positioning and transport hooks in

equipment (three per cart), suitable for handling, by inserting it into the appropriate holes on the top indicated by a signage arrow.

- 4) Use safety gloves supplied No. 3 Pieces per basket.
- 5) Place a triangular element on the ground by holding the arrow pointing up, make sure it is level, then insert with 2 operators (using the hooks and gloves in supplied) the front panel in the appropriate joints, then insert the second triangular element.
Be careful to use accident prevention safety shoes.
- 6) Place the 2 perforated brackets on the ground, outside the triangular panels, connect them with suitable pins



stainless steel pins (supplied), insert 2 stainless steel pegs (supplied for each bracket) diameter 10 mm length 200 mm, in the ground a hammer.

- 7) Use all the accident prevention measures for the handling, loading, and positioning, and placing aboard motor vehicles or aircraft, always fixing the loading on board with the appropriate straps supplied.
- 8) The user is directly responsible for failure to comply with the rules for using the MP3 unit.

REMOVABLE SHIELD

MOD MP3 - BALLISTIC STEEL

THICKNESS
6 MM



MATERIAL
BALLISTIC STEEL
RAMOR 500

HOOKS
SNAP A BAYONET



1000 MM

1000 MM

INTRODUCTION

This unit was designed and built for protection of workstations mobile or permanent on the battlefield or in defense of sensitive targets, air-transportable as it is of limited weight and size.

Aimed at the protection of operators armed.

FEATURES

Front tilted **30 degrees** with **8 mm x 70 mm** slots suitable for hooking the side panels.
Side panels dimensions 1000 x 1000 mm **base 900 mm hypotenuse 970mm.**

Certification:
Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:
**- Prof. N°22/BAL-AG/vp
December 17, 2010.**

Bullet ballistic resistors 5.56 x 45 SS109 + 7.62x51 Nato.

MORE INFORMATIONS

Weight:
- **front part
48.00 kg**
- **side part
20.00 kg**
- **total weight
88.00 kg.**

Color painting:
- NATO green RAL 6020,
- RAL 1002,
- other colors on request.

REMOVABLE SHIELD

MOD MP3 - BALLISTIC STEEL



USE AND MAINTENANCE MANUAL

- 1)) The user must pay the utmost attention to positioning and transporting the MP3 unit. Place the elements on flat ground without roughness.
- 2) The handling must take place through special trolley supplied, equipped with anti front sliding, the three elements will have to be fixed to the trolley by means of a special strap Black Nylon safety supplied, doing make sure that they are placed in the center of the trolley.
- 3) Use special positioning and transport hooks in

- equipment (three per cart), suitable for handling, by inserting it into the appropriate holes on the top indicated by a signage arrow.
- 4) Use safety gloves supplied No. 3 Pieces per basket.
 - 5) Place a triangular element on the ground by holding the arrow pointing up, make sure it is level, then insert with 2 operators (using the hooks and gloves in supplied) the front panel in the appropriate joints, then insert the second triangular element.
Be careful to use accident prevention safety shoes.
 - 6) Place the 2 perforated brackets on the ground, outside the triangular panels, connect them with suitable pins



- stainless steel pins (supplied), insert 2 stainless steel pegs (supplied for each bracket) diameter 10 mm length 200 mm, in the ground a hammer.
- 7) Use all the accident prevention measures for the handling, loading, and positioning, and placing aboard motor vehicles or aircraft, always fixing the loading on board with the appropriate straps supplied.
 - 8) The user is directly responsible for failure to comply with the rules for using the MP3 unit.

PLATE CARRIER

QUICK RELEASE



EXTERNAL MATERIAL
CORDURA 1000D

RELEASE
QUICK



INTRODUCTION

Plate Carrier (tactical plate carrier), made of **1000D Cordura**, with patented and certified quick release system on both shoulder straps and flanks.

M.O.L.L.E. system LASERCUT (laser carving) on the front, back and sides of the cummerbund which have laser carvings on the entire internal and external surface for the application of pockets for every operational need.

FEATURES

- **Removable lower front panel** with velcro and clips for quick set-up changes based on the role and weapon adopted.
- **Front ID Velcro.**
- **Reinforced transport/retrieval handle** on the back.
- The presence of an internal plate retention band makes it perfectly adaptable to the sizes of the **S.A.P.I. cutting plates.**

MORE INFORMATION

Padded shoulder straps for greater comfort with two right + left velcro rings for attaching radio cables/antennas or hydration tube.

Mesh lined interior for better breathability. Adjustable shoulder straps and hips.

- One size.

PLATE CARRIER

TACTICAL CAGE



VELCRO ID
FRONT

EXTERNAL MATERIAL
CORDURA 1000D



INTRODUCTION

Tactical vest made of 1000D Cordura edged, resistant, excellent for wearing over uniforms or combat shirt, internally lined in breathable fabric.

Front, back and hips totally covered with MOLLE system tapes.

FEATURES

Front and back pocket for plate insertion ballistics.

Possibility of inserting ballistic plates for hips protection. Padded shoulder straps adjustable. Velcro rings for hydration tube fixing.

Front ID velcro panel.

MORE INFORMATION

Color OD Green.

- One size.

BULLETPROOF VEST

TACTICAL XP

**PANEL MATERIAL
BALLISTIC**
KEVLAR 129 HT
KEVLAR XP
GOLDFLEX



EXTERNAL LINING
CORDURA
POLYESTER 65%
COTTON 35%

**PANEL LINING
TISSUE**



**SIDE ELASTICS
ADJUSTMENT**

INTRODUCTION

The **PARNISARI Tactical XP** model is one of the simpler models of our production.

Ballistic panel material Kevlar 129 HT - Kevlar XP - Gold Flex.

The Tactical XP model is extremely light and easily concealable.

FEATURES

For tactical uses, surveillance, transport of valuables, great coverage capacity and excellent fit and ergonomics maximum comfort.

Frontally it has a multi-role holster for each type of pistol or revolver, as it is fully adjustable. Side by side there are 2 magazine pouches and a handcuff pocket and in the upper area there is a document pocket.

MORE INFORMATIONS

The excellent fit makes the article suitable for all body types, it is secured by two side elastic flaps and two on the shoulders; the fins allow one velcro adjustment of 18 cm on the front and 11 cm on the shoulders, in addition to their natural extension.

Used in all operational situations.

Color:
- black
- blue
- green

BULLETPROOF VEST

TACTICAL XP

JACKET SIZE and WEIGHT



MEASURE JACKET	SIZE JACKET	CIRCUMFERENCE CHEST	HEIGHT PERSON
S - M	40 - 46	92 - 96	160 - 170
L - XL	48 - 54	100 - 104	170 - 180
XXL	56-60	120	180-185

LEVEL OF BALLISTIC PROTECTION

NIJ Level IIA

NIJ Level II

NIJ Level IIIA

NIJ Level III POLYETHYLENE PLATE AND UHMWPE FIBER

NIJ Level IV PLATE IN CERAMIC AND COMPOSITE

CALIBER AND BULLET	WEIGHT OF THE BULLET	SPEED M / S + 15MS	WEIGHT IN KEVLAR	WEIGHT IN GOLD FLEX
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	381 332	1,550 kg.	1,400 kg.
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	425 358	2,000 kg.	1,650 kg.
44 Mag.SWC 9mm FMJ	15.5/240 8.0/124	426 426	2,500 kg.	2,000 kg.

7.62 Nato	9.6/147	830	1,356 kg.
7.62 Nato AP	9.55/144	830	2,700 kg.

BULLETPROOF VEST

SOCOM



WRITTEN
REMOVABLE

MATERIAL
GOLD FLEX
KEVLAR XP
KEVLAR 129
DYNEEMA
TWAROM

POCKETS
FRONT AND REAR PLATE
HOLDERS



INTRODUCTION

Socom model bulletproof vest, M.O.L.L.E. system allows you to attach all kinds of accessories; suitable for heavy tactical use.

Basic protection NIJSTD 0101.03 Level IIIA
9mm / 44 mag 426 meters / second.

Usage temperature -20 ° + 60 ° centigrade.

FEATURES

The vest has a compact and tactical design, offers ballistic protection over the entire surface with an extension superimposed on the sides of the body, flexible, soft and allows you to easily adhere to the operator's body, ensuring the protection of the chest, back and hips.

Quick and easy to put on, it allows you to perform all movements and smoothly drive vehicles, fly aircraft.

Also suitable for operations in anti N.B.C.

MORE INFORMATION

Medium weight
6,500 Kg
ballistic cover Cmq. 6,887

Front and back pockets suitable for contain ballistic plates from
250 mm x 300 mm Level IV - 7.62 Nato / ak 47
Weight

2.850 Kg each
Side plates 250 x 200 mm level III with a
Weight
540 Gr each

Total weight IIIA vest
with two Level IV plates (7.62 Nato / ak 47)
12.200 Kg

BULLETPROOF VEST

SOCOM

JACKET SIZE and WEIGHT



MEASURE JACKET	SIZE JACKET	CIRCUMFERENCE CHEST	HEIGHT PERSON
S - M	40 - 46	92 - 96	160 - 170
L - XL	48 - 54	100 - 104	170 - 180

LEVEL OF BALLISTIC PROTECTION

NIJ Level IIIA

NIJ Level III

CALIBER AND BULLET CR	WEIGHT OF THE BULLET CRS	SPEED M / S + 15MS	WEIGHT IN KEVLAR
44 Mag SWC 9 mm FMJ	15,5 / 240	426	6,500 kg.
7,62 Nato	8 / 124	426	1,300 kg.

BULLETPROOF VEST

ALFA XP

MATERIAL
KEVLAR DUPONT
GOLD FLEX
KEVLAR XP
DYNEEMA
TWAROM



WRITTEN
REMOVABLE

LINING
CORDURA
POLYESTER 65%
COTTON 35%



INTRODUCTION

This jacket was designed for operators who use it with civilian clothes.

Recommended for use under clothing.

N.S.N 8470 151810150
8470 151810151
8470 151810152
8470 151810153
8470 151810154

FEATURES

*Each panel is contained in a fabric lining suitable to protect from rays ultraviolet within the band of spectrum of **2,200 Armstrong**.*

*The outer lining is made of fabric **65% polyester 35% cotton, or CORDURA®**.*

MORE INFORMATIONS

Easily adjustable and usable in each operational situation.

Anti-crease and easily washable, this one feature comes from the ability to remove ballistic panels.

BULLETPROOF VEST

ALFA XP

JACKET SIZE and WEIGHT

MEASURE JACKET	SIZE JACKET	CIRCUMFERENCE CHEST	HEIGHT PERSON
S	40-42	92	160-165
M	44-46	96	165-170
L	48-50	100	170-175
XL	52-54	104	175-180

LEVEL OF BALLISTIC PROTECTION

NIJ Level IIA

NIJ Level II

NIJ Level IIIA

CALIBER AND BULLET	WEIGHT OF THE BULLET	SPEED M / S + 15MS	WEIGHT IN KEVLAR	WEIGHT IN GOLD FLEX-DYNEEMA-KEVLAR
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	381 332	1,550 kg.	1,400 kg.
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	425 358	2,000 kg.	1,650 kg.
44 Mag.SWC 9mm FMJ	15.5/240 8.0/124	426 426	2,500 kg.	2,000 kg.

NIJ Level III POLYETHYLENE PLATE AND UHMWPE FIBER

7.62 Nato	9.6/147	830	1,356 kg.
7.62 Nato AP	9.55/144	830	2,700 kg.

NIJ Level IV PLATE IN CERAMIC AND COMPOSITE

BULLETPROOF VEST

BETA XP

MATERIAL
UHMWPE FIBER



INSCRIPTION
REMOVABLE

LINING
NOMEX 3 FIRE-PROOF

MATERIAL
NOMEX 3



INTRODUCTION

This jacket was designed for operators who use electric guns in order to protect them from accidental discharges.

Recommended for use under clothing

FEATURES

Each panel is contained in a fabric lining suitable to protect against ultraviolet rays within the spectrum band of **2,200 Armstrong**. The outer lining is made of fabric **65% polyester 35% cotton, or CORDURA®**.

Anti-crease and easily washable, this one feature comes from the ability to remove ballistic panels.

MORE INFORMATIONS

UHMWPE dielectric properties:

- UHMWPE fibers,
- Dielectric Constant 2.2,
- Loss Tangent 0.0005.

BULLETPROOF VEST

BETA XP

JACKET SIZE and WEIGHT

MEASURE JACKET	SIZE JACKET	CIRCUMFERENCE CHEST	HEIGHT PERSON
S	40-42	92	160-165
M	44-46	96	165-170
L	48-50	100	170-175
XL	52-54	104	175-180

LEVEL OF BALLISTIC PROTECTION

NIJ Level IIA

NIJ Level II

NIJ Level IIIA

CALIBER AND BULLET	WEIGHT OF THE BULLET	SPEED M / S + 15MS	WEIGHT IN DYNEEMA-UHMWPE
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	381 332	1,400 kg.
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	425 358	1,650 kg.
44 Mag.SWC 9mm FMJ	15.5/240 8.0/124	426 426	2,000 kg.

NIJ Level III UHMWPE FIBER PLATE

NIJ Level IV PLATE IN CERAMIC AND COMPOSITE

7.62 Nato	9.6/147	830	1,356 kg.
7.62 Nato AP	9.55/144	830	2,700 kg.

BULLETPROOF VEST

X2

MATERIAL
KEVLAR DUPONT
GOLD FLEX
KEVLAR XP
DYNEEMA
TWAROM



WRITTEN
REMOVABLE

LINING
NOMEX 3 FIRE-PROOF



INTRODUCTION

This jacket was designed for operators who use it with civilian clothes.

Recommended for use over clothing.

FEATURES

*Each panel is contained in a fabric lining suitable to protect from rays ultraviolet within the band of spectrum of **2,200 Armstrong**.*

*The outer lining is made of fabric **NOMEX 3**.*

MORE INFORMATIONS

Easily adjustable and usable in each operational situation.

Anti-crease and easily washable, this one feature comes from the ability to remove ballistic panels.

BULLETPROOF VEST

X2

JACKET SIZE and WEIGHT



MEASURE JACKET	SIZE JACKET	CIRCUMFERENCE CHEST	HEIGHT PERSON
S - M	40 - 46	92 - 96	160 - 170
L - XL	48 - 50	100 - 104	170 - 180

LEVEL OF BALLISTIC PROTECTION

NIJ Level IIA

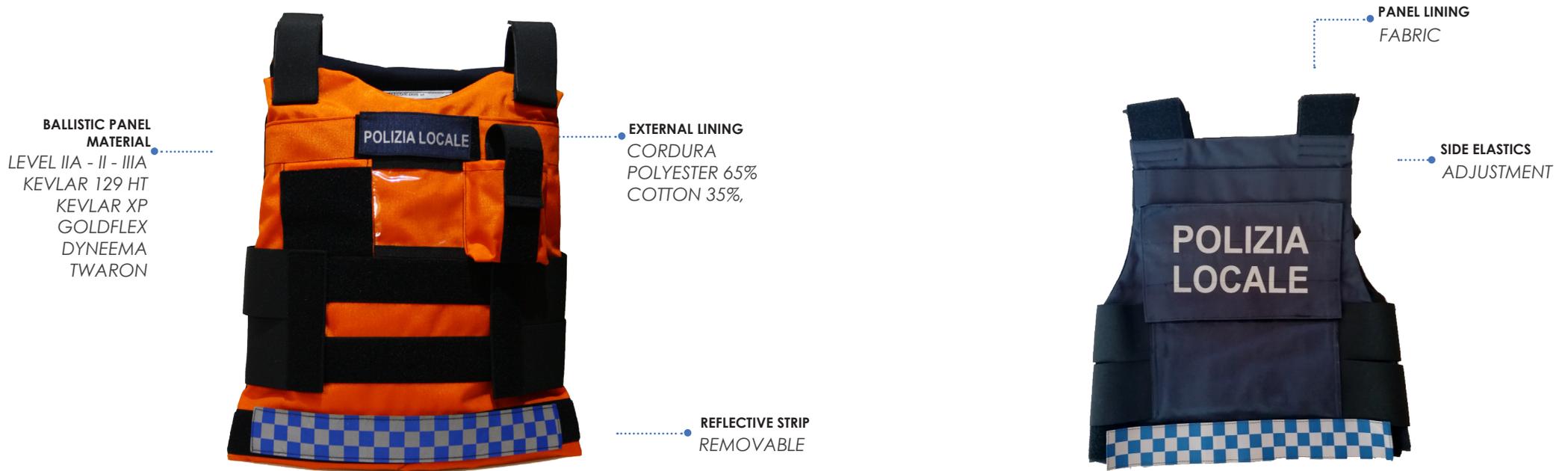
NIJ Level II

NIJ Level IIIA

CALIBER AND BULLET	WEIGHT OF THE BULLET	SPEED M / S + 15MS	WEIGHT IN KEVLAR	WEIGHT IN GOLD FLEX-DYNEEMA-KEVLAR
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	381 332	1,750 kg.	1,600 kg.
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	425 358	2,200 kg.	1,850 kg.
44 Mag.SWC 9mm FMJ	15.5/240 8.0/124	426 426	2,700 kg.	2,200 kg.

BULLETPROOF VEST

POLICE XP



INTRODUCTION

The **PARNISARI Police XP** model is the plus model simple of our production.

It consists of a front panel and one back supplied in layers **Level IIA II IIIA KEVLAR 129 ht** and with fabric cover.

Ballistic panel material Kevlar 129 HT - Kevlar XP - golf flex - dyneema.

The Police XP model is extremely light and easily concealable.

FEATURES

Each panel is contained in a fabric lining suitable to protect from rays ultraviolet within the band of spectrum of **2,200 Armstrong**.

The outer lining is made of fabric **65% polyester 35% cotton, or CORDURA®**.

Anti-crease and easily washable, this one feature comes from the ability to remove ballistic panels.

MORE INFORMATIONS

The excellent vest wearability, which makes the article **suitable for all body types** is secured by two side elastic flaps and two on the shoulders; the fins allow one Velcro adjustment of 18 cm on the front e 11 cm on the shoulders, in addition to their natural extension.

Used in all operational situations.

BULLETPROOF VEST

POLICE XP

JACKET SIZE and WEIGHT



MEASURE JACKET	SIZE JACKET	CIRCUMFERENCE CHEST	HEIGHT PERSON
S - M	40 - 46	92 - 96	160 - 170
L - XL	48 - 54	100 - 104	170 - 180
XXL	56-60	120	180-185

LEVEL OF BALLISTIC PROTECTION

NIJ Level IIA

NIJ Level II

NIJ Level IIIA

NIJ Level III POLYETHYLENE PLATE AND UHMWPE FIBER

NIJ Level IV PLATE IN CERAMIC AND COMPOSITE

CALIBER AND BULLET	WEIGHT OF THE BULLET	SPEED M / S + 15MS	WEIGHT IN KEVLAR	WEIGHT IN GOLD FLEX-DYNEEMA-KEVLAR
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	381 332	1,550 kg.	1,400 kg.
357 Mag JSP 9 mm FMJ	10,2 /158 8.0/124	425 358	2,000 kg.	1,650 kg.
44 Mag.SWC 9mm FMJ	15.5/240 8.0/124	426 426	2,500 kg.	2,000 kg.

7.62 Nato	9.6/147	830	1,356 kg.
7.62 Nato AP	9.55/144	830	2,700 kg.

BULLETPROOF VEST

STORM



INSCRIPTION
REMOVABLE

MATERIAL
ARAMID FIBERS
KEVLAR
KEVLAR XP
DYNEEMA
GOLD FLEX
TWAROM

POCKETS
FRONT AND REAR PLATE
HOLDERS



INTRODUCTION

Storm model bulletproof vest, **M.O.L.L.E. system** allows you to attach all kinds of accessories; suitable for heavy tactical use.

Basic protection NIJSTD 0101.03 Level IIIA
9mm / 44 mag 426 meters / second.

Usage temperature **-20 ° + 60 ° centigrade.**

FEATURES

The vest has a compact and tactical design, offers ballistic protection over the entire surface with an extension superimposed on the sides of the body, flexible, soft and allows you to easily adhere to the operator's body, ensuring the protection of the chest, back and hips.

Quick and easy to put on, it allows you to perform all movements and smoothly drive vehicles, fly aircraft.

Also suitable for operations in anti **N.B.C.**

MORE INFORMATIONS

Medium weight
3,900 Kg
ballistic cover Cm². 4,016

Front and back pockets suitable for contain ballistic plates from **250 mm x 300 mm Level III - 7.62 Nato / ak 47**
Weight
1,380 Kg each

Total weight IIIA vest with two Level III plates (7.62 Nato / ak 47)
6,600 Kg
One size.

BULLETPROOF VEST

STORM

POSSIBLE VARIATIONS



BULLETPROOF VEST

STORM

DESCRIPTION JACKET POCKETS

- 1 utility pouch with zip closure with internal elastic loops and concealed pocket, for transporting various materials.
- 1 double magazine pocket for adjustable 9 mm caliber pistols.
- 2 double magazine pockets for caliber 5.56 x 45 mm.
- 1 double 40 m grenade pouch.
- 1 radio pocket.
- 1 attachable admin pocket on the chest, with concealed pocket, secondary pocket and pistol magazine holder, with adjustable velcro closure.
- 1 hydration bladder pocket (bladder not included).
- 8 magazine slots for caliber 5.56 x 45 mm
- 1 foldaway pouch for used magazines.

LEVEL OF BALLISTIC PROTECTION

NIJ Level IIIA

NIJ Level III

CALIBER AND BULLET CR	WEIGHT OF THE BULLET CRS	SPEED M / S + 15MS	WEIGHT IN KEVLAR
44 Mag SWC 9 mm FMJ	15,5 / 240	426	6,500 kg.
7,62 Nato	180 Gr.	834	1,300 kg.

BALLISTIC PANTS

PROTECTION - MULTIPURPOSE



MATERIAL
NOMEX 3
ANTIFIAMMA KERMELL
KEVLAR
KEVLAR XP
TWARON
GOLDFLEX

MODULABLE ELEMENTS
REPLACEABLE



INTRODUCTION

Multi-purpose ballistic protection pants comes used for:

police uses: **intrusion type for hostage recovery,**

forensic uses: **use of weapons found** with functional doubts,

agricultural uses: **breeding of dangerous** animals such as turkeys and ostriches etc.

FEATURES

Bulletproof Pants with the peculiarity of replacement of the ballistic elements that go in the soft state from the level **STANAG 2920** with fragments from 450 meters per sec at level **NIJSTD0101.04 IIIA 9 mm - 44mag 440** meters per sec until you get to insert in the removable bags with velcro, rigid panels level **NIJSTD0101.04 III - 7.62 NATO.**

Colors and writings at the customer's request.

MORE INFORMATIONS

Accessories Braces and adjustable belt.

Weight:

2 kg

The weight may vary depending on the protection requested by the customer.

BALISTICS SUIT COMPLETE - MULTIPURPOSE



HELMET
RAIL SYSTEMS LEVEL IIIA

MATERIAL
NOMEX 3
ANTIFIAMMA KERMELL
KEVLAR
KEVLAR XP
TWARON
GOLDFLEX

MODULABLE ELEMENTS
REPLACEABLE



INTRODUCTION

The multi-purpose ballistic suit is used for:

clearing of light bombs,

police uses: **intrusion type for hostage recovery**,

forensic uses: **use of weapons found with functional doubts**,

agricultural uses: **breeding of dangerous animals such as turkeys and ostriches etc.**

For military and police use level IIIA visor.

FEATURES

The suit consists of **bulletproof pants**, with the peculiarity of the replacement of ballistic elements ranging from level **STANAG 2920** with fragments from **450 meters** per sec to **NIJSTD0101.04 IIIA 9 mm - 44mag 440 meters** per sec up to inserting rigid panels level **NIJSTD0101.04 III -7,62 NATO**, in the removable bags. Helmet with **Rail Systems level IIIA** system with removable visor from the levels for mine clearance **Stanag 2920 250 - 450 - 600 meters** per second, depending on the service requested.

Colors and writings at the customer's request.

MORE INFORMATIONS

The upper part consists of:

bulletproof vest, to which long sleeves, half sleeves, neck protectors, protectors can be applied pelvic.

STANAG 2920 level ballistic elements with fragments from 450 meters per sec to **NIJSTD0101.04 IIIA 9 mm - 44mag 440 meters** per sec up to inserting rigid panels **NIJSTD0101.04 III 7.62 NATO** level in the removable bags.

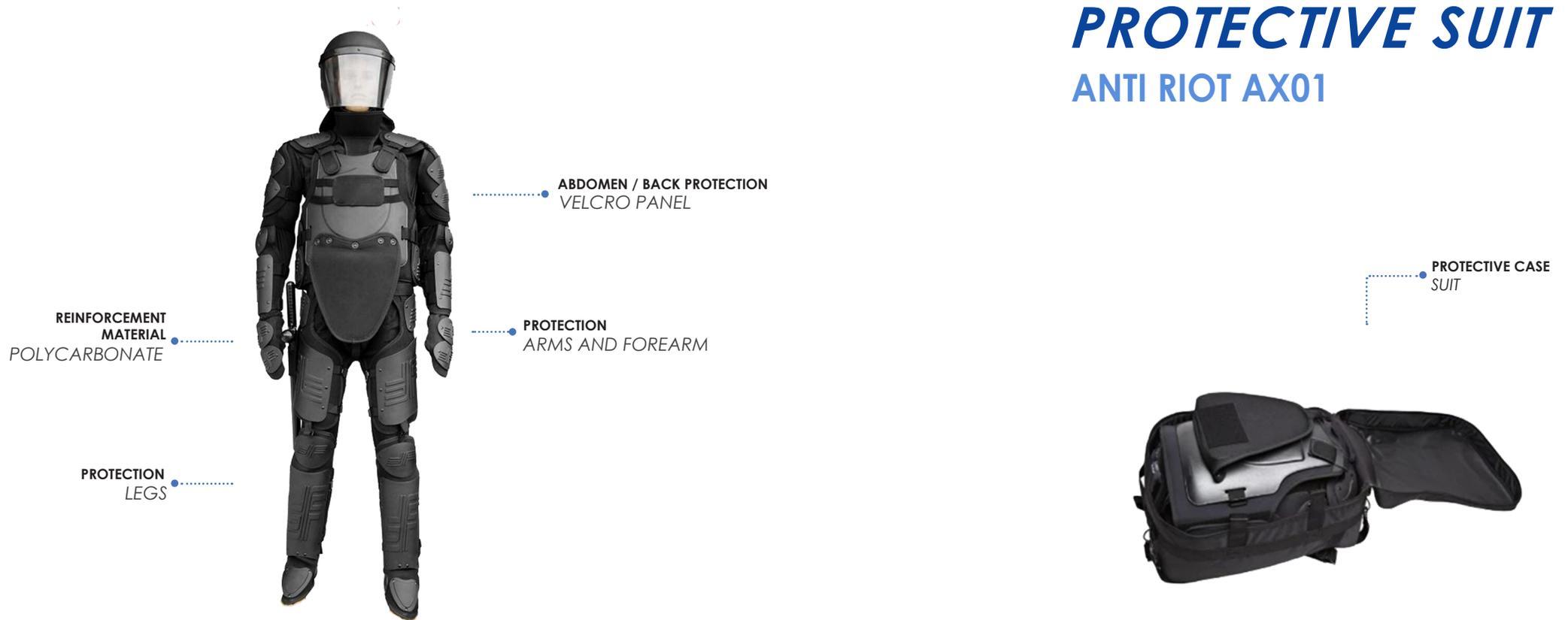
Level IV plates - 30.06 AP.

Weight:

6 kg Helmet excluded.

PROTECTIVE SUIT

ANTI RIOT AX01



INTRODUCTION

Not inflammable and particularly **resistant** to projections of hydrocarbons or corrosive agents, the suit must also offer excellent protection against objects pointed and a real shelter thanks to its shape, regulatory reference: **NIJ 0115.**

FEATURES

Composed as follows:

- Protection of the chest and lower abdomen;
- Back and shoulder protection;
- Neck protection;
- Belt on which the protections are attached thigh and stick holder;
- Protective gloves for the hands;
- Two bands in flexible polyurethane, resistant to rain, self-locking velcro.

MORE INFORMATIONS

Weight:
8.00 KG
Protective surface:
1.2 M2
Color:
- black
Ergonomic storage:
all the components of the dress are stored away inside the upper part protecting the chest.

PROTECTIVE SUIT

ANTI RIOT AX02



INTRODUCTION

Not inflammable and particularly **resistant** to projections of hydrocarbons or corrosive agents, the suit must also offer excellent protection against objects pointed and a real shelter thanks to its shape, regulatory reference: **NIJ 0115**.

FEATURES

Composed as follows:

- Protection of the chest and lower abdomen;
- Back and shoulder protection;
- Neck protection;
- Belt on which the protections are attached thigh and stick holder;
- Protective gloves for the hands;
- Two bands in flexible polyurethane, resistant to rain, self-locking velcro.

MORE INFORMATIONS

Weight:
8.00 KG
Protective surface:
1.2 M2
Color:
- black
Ergonomic storage:
all the components of the dress are stored away inside the upper part protecting the chest.

ARMOR

BV 206

MATERIAL
POLYETHYLENE
UNIDIRECTIONAL

THICKNESS
18 MM

**COVER
FIBERS**
ARAMICS



MATERIAL
BALLISTIC STEEL

THICKNESS
6 MM

CENTRAL OPENING
WITH ITS ATTACKS



410 MM

585 MM

INTRODUCTION

This armor is to be applied on the machine gun fifth wheel on a BV 206 vehicle, or other means with standard fifth wheels.

FEATURES

This is a fixed steel ballistic or polyethylene armor resistant to **7.62 NATO Bullet at a speed of 834 meters per second.**

Protection level:
NIJ STD 0101.03/04 Livello III.
7,62 NATO, 834 /M/S

Color:
- camouflage on request.

MORE INFORMATIONS

CERTIFICATIONS:

National Test Bench for Portable Firearms and Commercial Missions:

- **Prot. N ° 22 / BAL-AG / vp**
February 07, 2011.

- **Prot. N ° 257 / BAL-AG / vp**
December 17, 2010.

Weight:

- **STEEL**

10.00 kg

- **UNIDIRECTIONAL POLYETHYLENE**

4.50 kg

ANTI-BLAST BLANKET

BALLISTICS

EXTERNAL MATERIAL
CORDURA O
NOMEX



INTERNAL MATERIAL
ARAMIDIC FIBER



1300 MM

1300 MM

INTRODUCTION

Anti-bomb unit for protection from terrorist attacks, neutralizes and reduces the disastrous consequences of explosions and bombs.

This device reduces the devastating impact on the surrounding environment.
It is used pending the arrival of the artificer team.

High visibility.

FEATURES

Fields of application and use:

- airports,
- trains,
- subways,
- stations,
- public and government offices,
- museums,
- private companies,
- banks,
- supermarkets,
- stadiums,
- parking lots.

MORE INFORMATIONS

Weight:
from 6 to 12 kg
Cordura o Nomex.

Ballistic level Stanang 2920,
1.102 g V 50, from 450 / M / S to 670.

Colors:
- black
- yellow
- orange

DEVICE FOR OPERATORS TSO

LINING MATERIAL
CORDURA
O NYLON



THICKNESS
150 MM

REAR
N° 3 HANDLE



800 MM

600 MM

INTRODUCTION

The device is a safe means that moreover allows the police officer, aware of the validity of the individual equipment, to carry out his institutional task with greater confidence and safety for himself and away from also legal consequences of a treatment that is too rude towards the subjects from hospitalize.

FEATURES

In the **back there** are **three handles**, one located in the median part of the device, formed by two cordura straps, covered by a **plastic tube**, into which the weak forearm is inserted, with the hand that grasps the more peripheral handle .
In the upper part, there is a **horizontal handle**, which will be gripped by the strong hand.
At the bottom and at the top of the device are present a layer of **high-density foam rubber** for prevent the lexan sheets from hitting the operator or the **subject being treated**, causing unnecessary damage.

MORE INFORMATIONS

The **absorbent pack** is formed by a series of layers of **foam rubber**, interspersed with a series of layers of lexan in **order to slow down** the penetration of a blade and retain it inside, so as not to allow easy reuse of the sharp object.
The waterproof and washable cordura or nylon lining is equipped with a zipper in the lower edge that allows you to remove the absorbent pack stratified, for the cleaning of the same or the maintenance of the package.

MOBILE STATION

MP2



INTRODUCTION

Made with salt spray resistant painted steel.
Equipment consisting of a container structure and an armor system dissociated using high materials technology.

Designed and built by Panisari Arms S.r.l.

Approval performed at **BANCO NAZIONALE DI PROVA** of Gardone Val Trompia (Bs) Italy.

CARATTERISTICHE

Composed by:
- universal nozzle for the inclusion of weapons
- lid for inspection.

Accessories:
- Quick fixing plate for vehicles or airplanes.

On the front side there are two nozzles, which allow you to insert any light weapon supplied to the police and the armed forces.

MORE INFORMATIONS

Weight:
total 21,00 kg

Colors:
- standard green "NATO" **RAL 6020**
- blue **RAL 5013**
- blue **RAL 5015**
- **or at the customer's request.**

MOBILE STATION

MP2



WEAPONS TO USE

Sub machine guns:

- M.A.B - PM 12 / Uzi IMI

Guns:

- BERETTA mod. 92S / ogni tipo da .22 a .45 ACP

The same weapons can be used in the
MP 2 Plus model, in addition

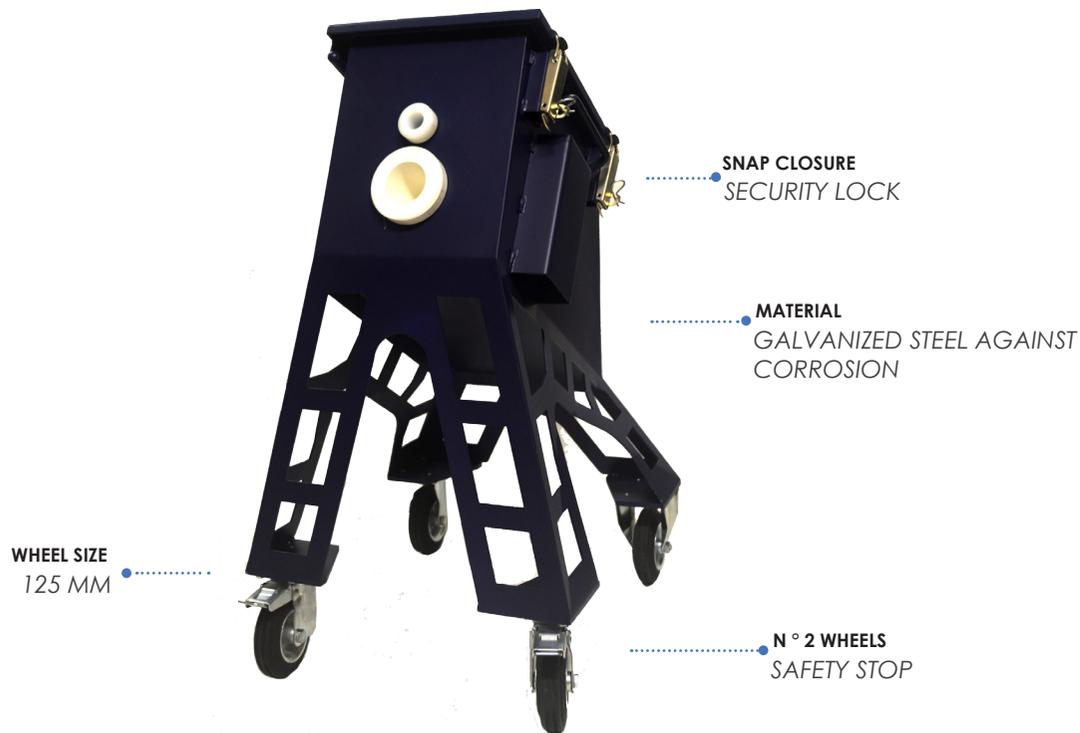
there are:

Rifles:

- M4 / M16 AR SC70 / 90 Cal 5.56 (Bullet SS109)
- KALASHNIKOV 7,62 x 39
- GARAND - F.A.L BM59 - 7,62 x 51 A.P.
- Franchi SPAS / 12, HK, B&T etc.

MOBILE STATION

MP1



BALLISTIC MATERIAL
IN THE SHOOTING ROOM



INTRODUCTION

Made with salt spray resistant painted steel.
Equipment consisting of a container structure and an armor system dissociated using high materials technology.

Designed and built by Panisari Arms S.r.l.

Approval performed at **BANCO NAZIONALE DI PROVA** of Gardone Val Trompia (Bs) Italy.

FEATURES

Composed by:

- N. 4 wheels, 2 fixed and 2 swiveling with block of safety
- N. 2 steel bars of 10 mm for attachment to vehicles and handling
- N. 1 lid for inspection.

On the front side there are two nozzles, which allow you to insert any light weapon supplied to the police and the armed forces.

MORE INFORMATIONS

Weight:
total 53,00 kg

Colors:
- standard green "NATO" **RAL 6020**
- blue **RAL 5013**
- blue **RAL 5015**
- **or at the customer's request.**

MOBILE STATION

MP1



WEAPONS TO USE

Rifles:

- M4 / M16 AR SC70 / 90 Cal 5.56 (Bullet SS109)
- KALASHNIKOV 7,62 x 39
- GARAND - FAL BM59 - 7,62 x 51 (ordinary and armor-piercing bullets)
- Franchi SPAS / 12, HK, B&T ecc.

Sub machine guns:

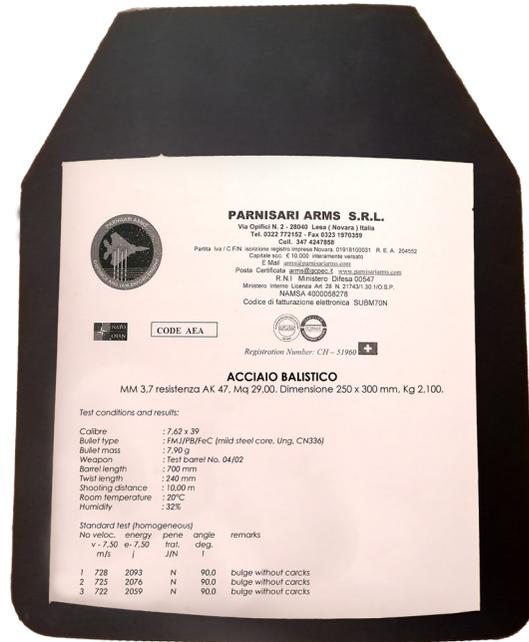
- M.A.B - PM 12 / Uzi IMI

Guns:

- Beretta mod. 92S / ogni tipo da .22 a .45. ACP.

BALLISTIC PLATE

LEVEL III - STEEL



THICKNESS
5,9 MM

PLATE COVER MATERIAL
STEEL

SHAPE
SIMPLE, CURVED



300 MM

250 MM

INTRODUCTION

Ballistic plate for individual protection. This product was created to be used with jackets placed under the shirt, given the thickness.

The tests were carried out on three "RAMOR 500" type steel sheets having a nominal thickness of 6.00 mm.

Environmental conditions:

- atmospheric pressure, 740 mm. Hg;
- temperature, 20 °C;
- relative humidity, 50%;

FEATURES

Test A)

- weapon, manometric barrel cal. 5.56 x 45, cartridge, SMI equipped with armored bullet type 4.0 gr FJ / PB / SCP1 (SS109);
- V 7,5 average of the bullets 950m / sec;
- And 7.5 bullets average 1.85 Joule;

Test B)

- weapon, manometric barrel cal. 7.62x 51;
- V 7.5 average of the bullets, 843 m / sec;
- And 7.5 bullets average, 3,372 Joules.

MORE INFORMATION

Total weight plate:
2,100 Kg

Ballistic certification:

National Test Bench for Firearms

Laptops and for Commercial Missions:

- Prof. N ° 257 Bal-AG / vp, December 17, 2010

BALLISTIC PLATE

LEVEL III



THICKNESS
20 MM

PLATE COVER MATERIAL
POLYETHYLENE

FORM
SIMPLE, CURVED



300 MM

250 MM

INTRODUCTION

Ballistic plate for individual protection.

The plate meets ballistic performance only together with the level III ballistic panel.
N.I. JSTD0101.04.

FEATURES

- Ballistic protection Polyethylene UD;
- STANAG 4569
- AEP Volume 1 level 1
- Caliber bullet:
7.62 Ordinary Born FMJ 9.55,
Grams / 856 meters / sec;
- Energy 3,476 J;
- Impact angle: 90 °;
- Test temperature 20 °;
- Humidity 70%.

MORE INFORMATIONS

Total weight plate:
1,350 Kg

Ballistic certification:

National Test Bench for Firearms
Laptops and for Commercial Missions:
- Prof. N ° 22 / Bal-AG / vp, November 23, 2011.

SOFT BALLISTIC PLATE

LIVELLO IIIA



THICKNESS
7 MM

BALLISTIC PLATE MATERIAL

KEVLAR
DYNEEMA
GOLDFLEX
KEVLAR XP

COMPOSITE MATERIAL

ANTI-CUT
ANTI-PUNCTURE



300 MM

250 MM

INTRODUCTION

Ballistic personal protection plate. This product was created to be used with tactical plate carriers.

Bulletproof Version **NIJ Level IIIA 0101.04**
9 mm / 44Mag 440 meters /sec.

Bulletproof, cutproof and punctureproof version
NIJ IIIA 0101.04 and PSDB UK KR1.

FEATURES

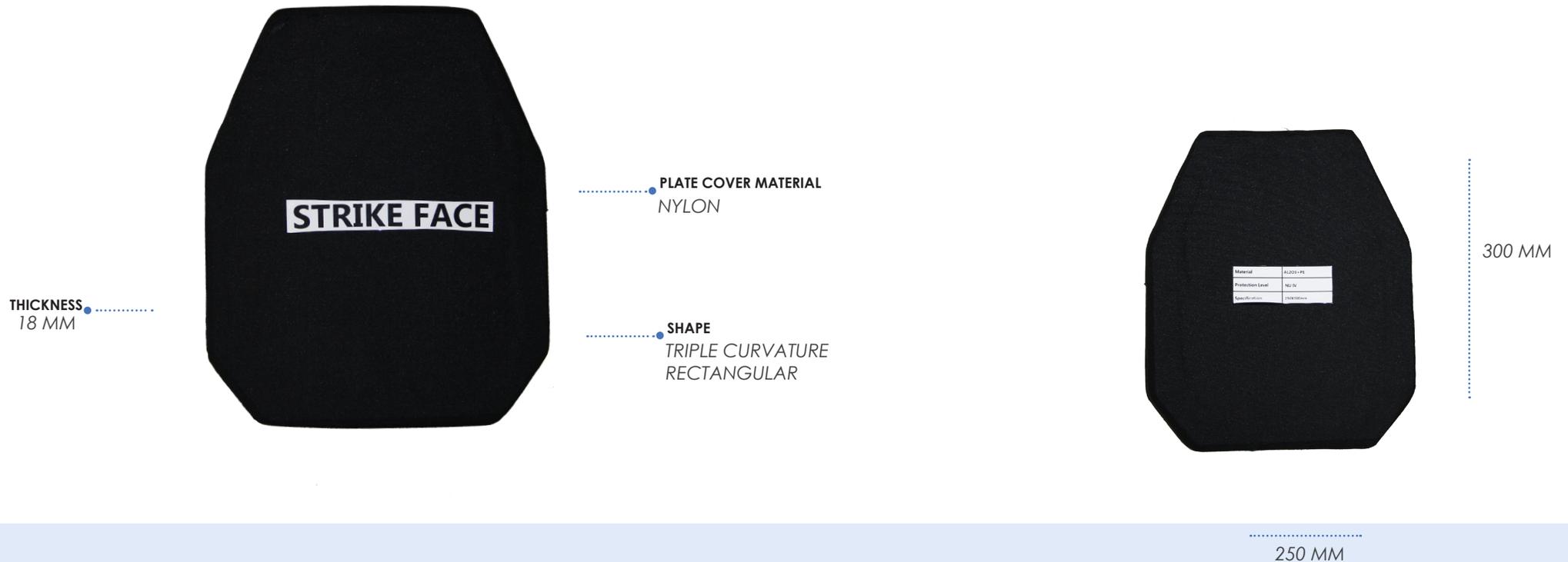
- Flexible soft protection panel composite material;
- dimensions 250mm x 300mm;
- **S.A.P.I. cut.**

MORE INFORMATION

- Total plate weight:**
- 450 g bulletproof solution,
 - 700 g solution also cut-proof and bullet-proof.

BALLISTIC PLATE

LIVELLO IV



INTRODUCTION

This is a ballistic plate for individual protection.

The plate meets ballistic performance only together with the level IV ballistic panel.

N.S.N. 8470-15-215-3723.

FEATURES

- **Front ballistic protection:**
plate composed of **14 mm 2.788 grams**
- **Front ballistic protection:**
26 layers of aramid fabric sewn crosswise
(70 x 70 mm) and 30 mm from the edge (40 x 400mm) 832 grams.
- **Density Kg / Mq. +/- 5% 40 Kg.**

Reference EN ISO 2286-2.

MORE INFORMATION

Total weight plate:
3,100 Kg

Ballistic certification:

Banco Nazionale di Prova per le Armi da Fuoco Portatili e per le Missioni Commerciali:

- Prof. N° 00052-2020/PS-5/bal-EP/vp, May 07, 2020.

MATERIALS

BALLISTIC USED

TWARON

BALLISTIC FIBRES



550 dtex f500

550 dtex f1000

840 dtex



930 dtex

1100 dtex

1680 dtex



3360 dtex

Twaron yarn cross sections

FEATURES

This level of ballistic protection has been achieved through Teijin Aramid's intensive research and development, combined with tens of thousands of empirical evaluations.

High Tenacity Microfilament (CT) yarns represent a milestone in the development of high-performance soft ballistic protection.

They offer a higher level of protection than ever before, thanks to their absorption of the kinetic energy of bullets. The myriad, almost invisible filaments

increase the 'working' surface area of the yarns, so that stopping power can be achieved with less material.

The ultra-fine filaments in the yarn also offer another advantage: they give the fabric an extraordinary softness, resulting in a high level of comfort for the wearer.

In addition, countless weaving trials on different weaving machines have been carried out to ensure the optimum processability of Twaron.

The ultra microfilament yarn enables the production of very light ballistic jackets and is available in 550dtex with 1000 filaments.

The high tenacity microfilament:

-550,

-840,

-930,

-1100dtex,

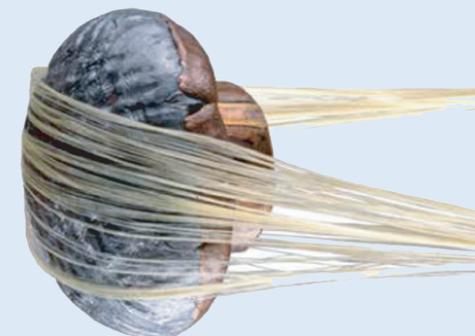
are used worldwide to provide the highest ratio of

protection and comfort for ballistic fabrics.

These yarns offer high protection for various soft and hard ballistic protection items. Compared to other ballistic protection materials, Twaron para-aramid filament yarns excel in chemical and thermal stability as well as resistance to various aggressive environments.

The superb quality of all Twaron para-aramid filament ballistics yarns starts in Holland.

Here, the monomeric (and then the polymeric) base materials for Twaron filament yarns are produced in chemical processes that meet the strictest quality requirements, generating the highest possible value.



HONEYWELL GOLD FLEX

BALLISTIC MATERIAL



FEATURES

The standard soft armor product combines Honeywell's patented Shield technology with aramid fiber.

Gold Flex is a roll product composed of four plies of unidirectional aramid fiber, woven at $0^\circ / 90^\circ / 0^\circ / 90^\circ$, and enclosed in a thermoplastic film.

Applications:

- Concealable and tactical body armor for police, military, and VIP's;

Product Benefits:

- Strong protection vs NIJ threats;
- Excellent protection against steel-jacketed rounds;
- Good performance vs. fragmentation threats;
- Substantial reduction of blunt trauma – the injury caused by an impacting bullet;
- Engineered for comfort and flexibility.

Roll weight	pounds kilograms	122.7 55.7
Width	inches meters testing method	63.0 1.60 ASTM D3774-96 (2004)
Length	feet meters	492 150
Total Areal Density	oz/yd ² g/m ² testing method	6.84 ±0.41 232 ±14 ASTM D3776-96 (2002)

KEVLAR XP

BALLISTIC MATERIAL

FEATURES

The **Kevlar XP** construction allows the creating design vests they provide performance with ballistic material **NIJ Standard-0101.06IIIA.**

The architecture of Kevlar XP K520 consists of 2 layers of fibers in + 45 ° / -45 ° orientation which provides the stopping power required to deal with armor threats, thus reducing the cost of labor and material compared to designs with traditional fabrics or unidirectional materials.

Kevlar XP is equipped with a patented technology which allows for a flexible and lightweight vest robust and durable even when exposed to conditions extreme.

The rolls of **Kevlar XP** are intended for conversion into **soft armor packs**, suitable for the use of ballistic vests. It is the vest manufacturer's responsibility to design suitable end products and obtain relevant certifications prior to issuing the vests to end users.

Avoid tearing and crushing the product.

Do not use bleach or products that they contain to clean Kevlar XP K520.

Make sure that the correct handling procedure is followed in accordance with the package weight when transporting the rolls.

Store in a dry temperate area

avoiding above **66 ° C** and avoiding **direct exposure to the sun or UV rays.**

Cover the product with waterproof black plastic.

BALLISTIC PERFORMANCE

DuPont-Kevlar XP soft armor packs with a typical areal density of 5.3-5.4 kg / m², consisting of:

- **9 layers** of XP K520 partially stitched,
- **3 mm foam**
- **1 layer of XP K520**

they were tested following **NIJ IIIA.06 recommendations against 44 Mag Speer** and resulted in a typical **signature on the back in the 40mm range.**

This design solution is provided as an illustrative starting point for the size of the final product. The final designs of the vest must always be tested according to the specific requirements of the end user



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