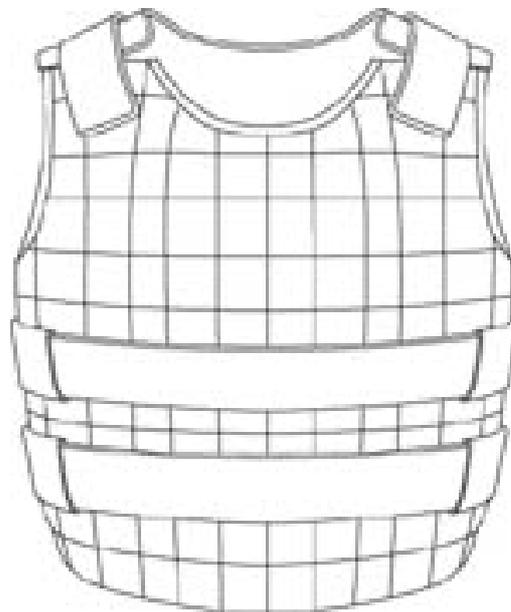


Armored Clothing Catalogue





National Institute of Justice

The Research, Development, and Evaluation Agency of the U.S. Department of Justice



International
Organization for
Standardization

TECHNICAL SPECIFICATION

Bullet proof materials to final use

Automobile: without waterproof.

Body armor: with waterproof.

Bullet proof material

Weight less than 230 m/m².

Rupture elongation 4%.

100% fire resistant.

Terms stability until 752°F.

100% humidity resistant.

100% comfortable and/or flexible.

Sale certificates from the head office to the respective offerer. ISO 9001 - 9002 or the equivalent from the bullet proof material producer.

Security binding in the whole border of the ballistic panels, marked with the companies name, guarating the originality and original country.

The sewing on the ballistic panels, has to be with bullet proof thread, certified.

PERFORATION FACTS

Velocity: higher velocity, higher potency.

Diameter: Less projectile diameter.

Hardness: higher projectile hardness.

Form: higher perforation, more conical.

N.I.J. REGULATION LEVELS

LEVEL	N.I.J.		
I	Revolver cal.22 Cannon 4 ", pistol cal.7.65 Cannon 5 ", pistol cal.380 (9 mmc) Cannon 3 ", to shake cal.38 Cannon 4 "	Vel. 1.000 pps Vel. 900 pps Vel. 900 pps Vel. 800 pps	2.6 g - 40 gr 10.2 g - 158 gr
IIA	Revolver cal.357 Magun cannon 4", Pistol cal. 9 mm cannon 4".	Vel. 1.250 pps Vel. 1.100 pps	10.0 g - 158 gr 8 g - 124 gr
II	Pistol cal. 9 mm cannon 5.25", Sub - Machine gun mini-Uzi, Ingram 10 mm, 38 Super cannon 5".	Vel. 1.175 pps Vel. 1.250 pps	10.0 g - 158 gr 8 g - 124 gr
IIIA	Sub - Machine gun Uzi, Mp5 9 mm.	Vel. 1.400 pps	15.55 g - 240 gr
III	Gunl 4.62 (G3), 5.56 (R-15, M-16)	Vel. 2.750 pps Vel. 3.075 pps	9.7 g - 150 gr 10.8 g - 166 gr
IV	Gun 7.52, 5.56, the armor-piercing ammunition		

BALLISTICS TESTS

1. Resistance test

Backing material: modeling clay (plastiline).

Range length: 5 mts.

Chronograph.

shots per armor in front and back panels.

The temperature of backing material should be 59°f - 86°f.

2.Fair Hit: In 90° angle of incidence, 6 fair hits.

3.Fire test: After the fair hit, drop some gasoline and start the fire, the material can resist more than 30 seconds without losing the consistence.

4.Wet condition: The ballistic panels will be introduce in a water tank for 10 minutes and them the fair hit will be repeated.

5.Backface Sinature: The depht of the depression made in the backing material, created by a nonpenetrating projectile impact. The maximum BFS is 44 mm.

6.Test Weapons: For each level of protection are specific weapons.

7.Velocity: It'll be register with the chronograph. **Velocidad**

GUARRANTIE AND MATENIANCE

Jacketed point bullet: Bullets covered with copper alloy.

This standar doesn't address threats from knives and sharply pointed instruments.

Maintenance rules: The utility of the body armor depends on the external material, that is why to longer durability.

The carrier must dry clean.

Don't use deterget.

Don't twist.

To dry on the shadow.

Don't introduce sharply pointed instruments.

Don't impact with bullets over the maximum parameters

Every single products from us counts with 10 extra quality systems, extending its lifetime, discreet aspect and comfort, having in mind its constant use.

- 1.-The Fitting System «**FOUR POINTS**» Allows the adherence with Velcro to the body in four different points, shoulders, and by the side, delivering a non notable use, 100 % adaptation to chest and waist and minimum risk. As a remarkable point, we don't use nylon stripes or rubbers, which reduce the life time frame of the armored vest.
 - 2.-The «**IMPACT REDUCTOR**» system spread the energy of the impact in a wide area, due to the construction of the shielding pads, minimizing the Trauma's Impact, therefore, reducing the punch on the body behind the vest.
 - 3.-The «**REMOVABLE PANELS**» system allows to easily wash the outer lining, and interchange the panels between garmets of similar level .
 - 4.-With the «**CERO FIRE**» system, the vest can endure up to 300 celsius degrees, bringing protection against high temperatures and burning against chemical agents to the user.
 - 5.-All our vests are protected with water proof lining against any humidity agent like sweat, extending the life of the core of the product with the «**WATERPROOF PANELS**» system.
 - 6.-«**N.I.J. CERTIFICATION**», the ballistic panels had been certified by the highest authority in bullet proof quality in the whole world, this is the National Institute of Justice. N.I.J. warrants the international quality of our products.
 - 7.-With the «**CODE CONTROL**» system, we have a unique registration of quality for each vest, which let us keep the track of the product and its owner.
 - 8.-The «**EXCLUSIVE CARRY**» system consist of an exclusive Dress-keeper-holder, with our label and brand on it, this distinguish the vest as an special product that requires and offers unique services.
 - 9.-«**100 % COMFORT**», after the life protection, the second item by importance is, not only the comfort, but the freedom of movement, that facilitate fast reactions and constant non-stressing use.
 - 10.-«**POCKETS AS YOU NEED**» system. This demonstrates the versatility of our products, the design is changeable regarding pockets, accesories and colors, keeping the same price, to let the user mantain his performance, no matter he's left handed or right handed, no matter he use continually or eventually working elements like radio, gun, bateries, handy, mobile, pager, granade, plate, etc, and of course, feeling as comfortable as without them.
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FREQUENTLY ASK QUESTIONS

<p>Does the armored waistcoat still usable after being shot? Yes, Indeed the protective panel has been developed to resist an impact each 5 cms, consequently, the total area tolerate approximately 22 gunshots per impacts face.</p>	<p>¿How long is the life time of an armored vest? It is 2 years, though this does not depends on the protective material, which last about ten years, but on the ammunition, that evolves every 5 years, forcing its permanent change.</p>
<p>Does an armored vest resist fire and humidity? Yes, nowadays, the used materials support over 300 degrees celsius, besides that, direct resistance to humidity during 20 minutes without inner lining.</p>	<p>¿What is the covering area of an armored vest? The area protected by the shields is about 80 % of the most vulnerable parts of the human body, located in the waist and the back, this, because they are the zones of higher risk in an attack.</p>
<p>¿What is the armored clothe's weight? The approximate weight of an armored cloth is 1.9 kgs in level IIIA, size L</p>	<p>Are there sizes in armored clothing? Yes, as in convencional clothing there are Small, Medium, Large, Xtra Large, and XXL</p>
<p>Do you have products for several weather conditions? Yes, Our company developed products that offer confort an versatility under different environmental conditions.</p>	<p>¿Is it possible to make hibrids or mixtures with the protective panels? We do not recocommend the addition of materials that may alter the performance of the product and also its service life time</p>
<p>¿What is the effect of an impact on the skin, wearing an armored waistcoat? The effect is known as TRAUMA IMPACT, this bash trace would not be greater than 44 mm.</p>	<p>¿How is the armored clothing proved? The materials that are used for shielding, soft materials, have an special characteristic, they absorb energy, in consequence, they are proved over soft materials intead of hard ones, (like a brick wall, for instance), These ones must complain the norm N.I.J. (USA) that establishes the use of a material that better represent the behaviour and response of the human flesh, which is the plasticine.</p>

EXECUTIVE



Ref. EXE-001

CHALECO PARA EJECUTIVOS

REF : VEST- EXE -01-001

EXECUTIVE VEST

This garment is used as a part of a formal suit over the shirt, offering a maximum discretion and comfort, made out of gaberdine or wool fabric, the buttons are attached to it as decoration and the opening is by the side.

BLEAZER

REF: BLE-001

BLEAZER

Designed to deliver versatility and elegance. ideal for special occasions where maximum discretion is must..



Ref. BLE-001



Ref. CAM-003

CAMISETA BLINDADA

REF: CAM-003

ARMORED T -SHIRT

RAINCOAT



Ref. GAB-001

GABARDINA
REF: GAB-001
RAINCOAT

EXECUTIVE VESTS



CUERO
REF: SUE-002 CUE
LEATHER JACKET

Ref. SUE-002 CUE



CHAQUETA DE GAMUZA
REF: SUE-002
SUEDE

Ref. SUE-002

CASUAL JACKETS

CHAQUETA EN JEAN
REF: JEAN-002
JEAN JACKET



Ref. JEAN-002



Ref. IMPE-002

CHAQUETA IMPERMEABLE
REF: IMPE-002
WATERPROOF JACKET

FORMAL VEST



CHALECO FOTOGRAFO
REF: FOT-003
PHOTOGRAPHER VEST

Ref. FOT-003



CHALECO EN GAMUZA
REF: SUE-003
SUEDE VEST

Ref. SUE-003

BODYGUARD VESTS



CHALECO ESCOLTA
REF: ESC-005
BODYGARD VEST

Ref. ESC-005

CHALECO ESTANDAR
REF: STANDAR
STANDARD VEST



Ref. STANDAR

TACTICAL VESTS



CHALECO BRIGADIER
REF: BRIG-004
BRIGADIER VEST

Ref. BRIG-004



CHALECO TACTICO DE ASALTO
REF: SWAT TACTICAL
ASALT VEST

Ref. SWAT-004

MOTO JACKET



Ref. CEN-005

CHALECO MOTORIZADO
REF: CEN-005
MOTO VEST