

PROTECTA®

GROUP

PRO
AIRBAGS

BALLISTIC
PROTECTION
SYSTEMS

PRO
INNOVATION

PRO
TACTICAL
SYSTEMS

SOLUÇÕES TECNOLÓGICAS QUE

SALVAM VIDAS



AIRBAG



BLINDAGEM
AUTOMOTIVA



HARD
ARMOR



INOVAÇÃO



BODY
ARMOR



UNIFORMES
ESPECIAIS



TECIDOS
TÉCNICOS



... OUR PURPOSE IS TO SAVE LIVES!

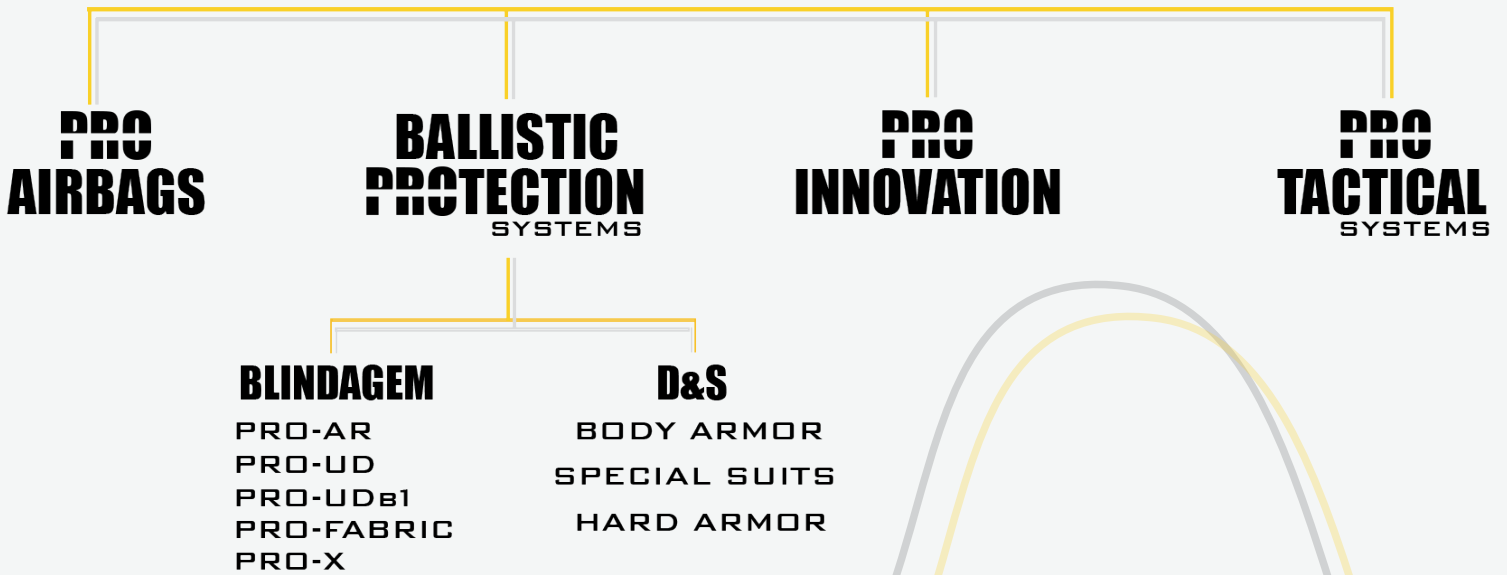
Through innovative and high-performance products, ensuring sustainable growth of our business, through the development and engagement of those who build this history with excellence, resulting in the protection of millions of lives.

PROTECTA focuses on the continuous and collaborative engagement of its team and believes that this is essential to ensure the **success of operations**. This mutual commitment favors innovation, operational efficiency, and excellence in the delivery of solutions, contributing to the maintenance of high-quality standards and satisfying the needs of its customers and users of the PROTECTA systems.



The systems produced by **PROTECTA** are responsible for the protection of more than **5.000.000 LIVES** every day, and our vision is to triple this important milestone.

PROTECTA GROUP

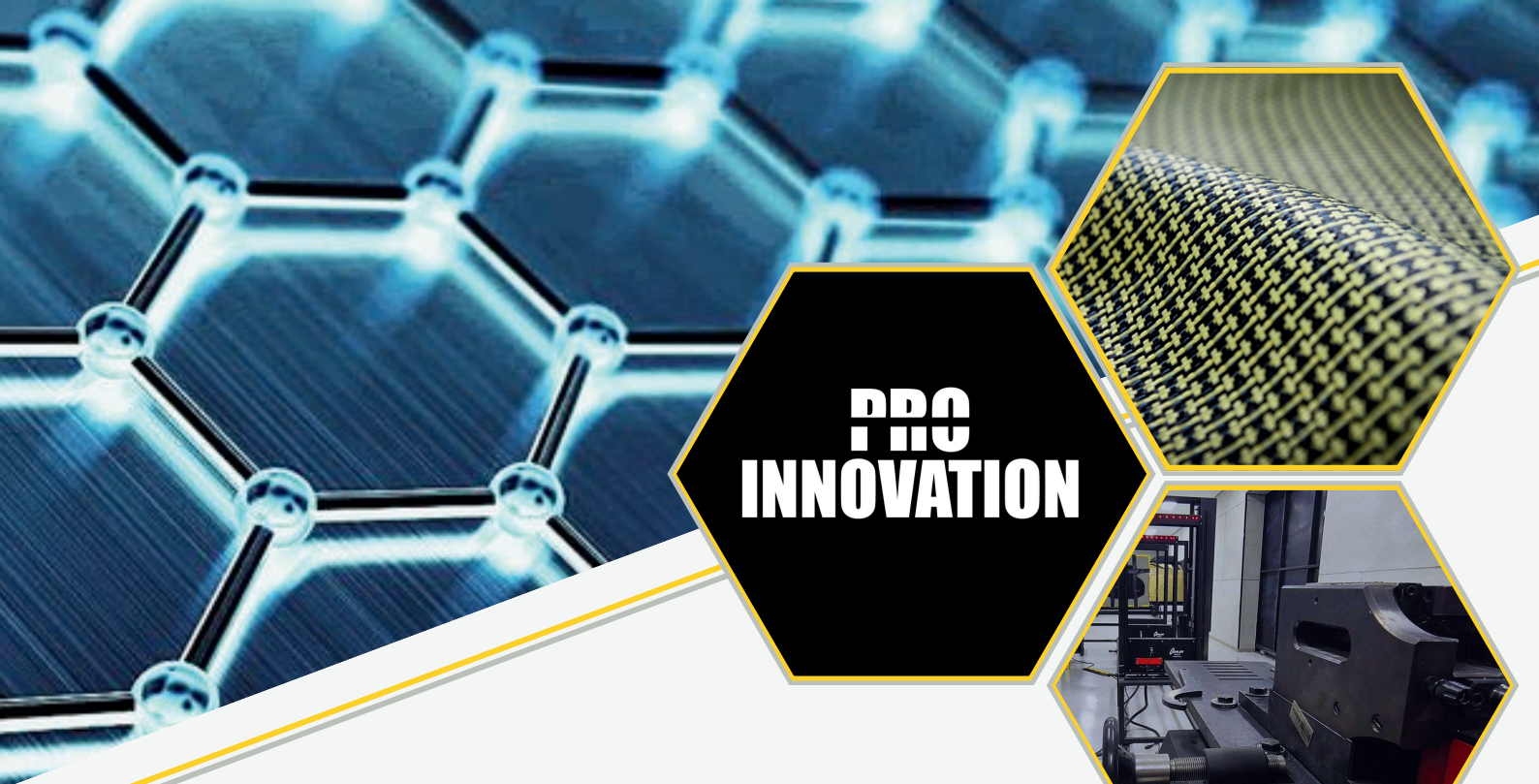


SECURITY AND DEFENSE FOR LIFE

The products that carry the signature **PROTECTA** are designed to offer maximum security to those who make protection their work tool and also those who seek the trust of a brand, so that, in difficult times, **LIFE IS THE MAIN ASSET PROTECTED.**

Reinforcing its commitment to excellence, the group **PROTECTA** has internationally recognized quality certifications and is associated with the main entities in the sector.





PRO TECTA INNOVATION

INNOVATION

THE CENTER OF EVERYTHING WE DO

At **PROTECTA**, innovation is not just one area, it is the backbone of our work. It is at the center of every decision, every development, and every solution we deliver to the market. Our commitment is non-negotiable: we innovate to **protect millions of lives!**

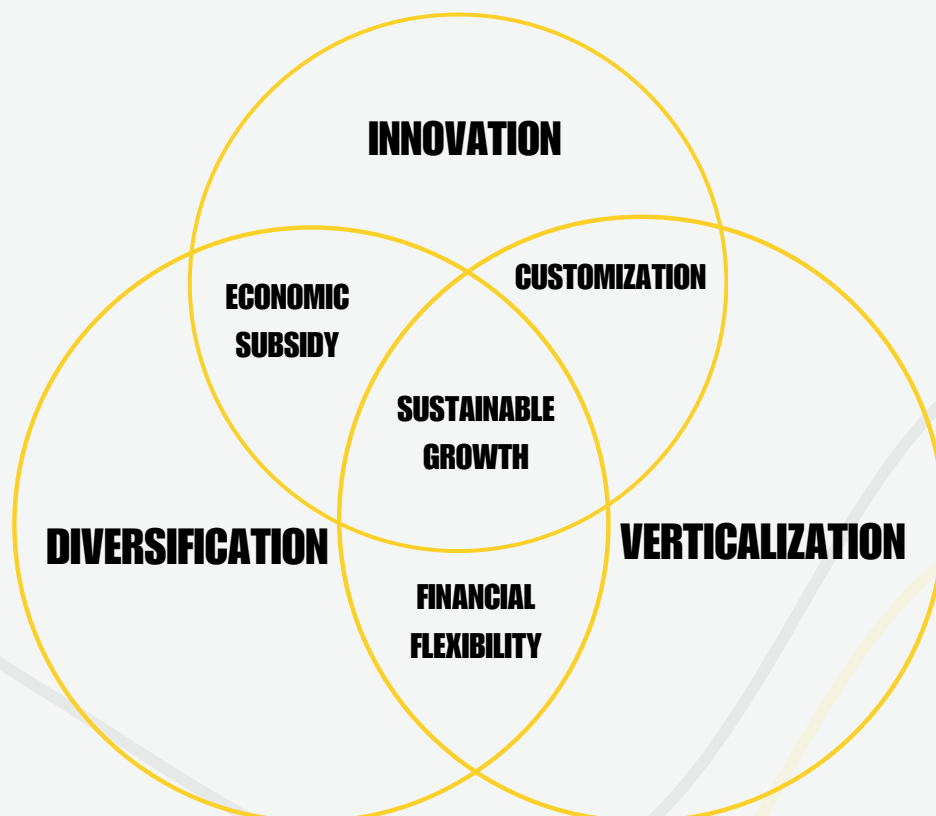
We believe that in order to be at the forefront of the diverse **Airbag Systems, Ballistic Protection, Automotive Armor, Special Uniforms, and other solutions we produce**, it is essential to constantly challenge the limits of technology. Our team of Innovation and R&D works tirelessly to develop lighter, stronger, and more efficient materials, always in line with the strictest international standards. We believe in this model of interaction and knowledge management:





PRO INNOVATION

Our commitment to innovation drives us to invest in advanced manufacturing, nanotechnology, new industrial processes, and applied research, ensuring that every product that comes off our production line is at the highest level of performance and reliability



More than a differential, innovation is a **non-negotiable value** for the **PROTECTA**. It defines our culture, guides our investments, and positions us as a benchmark in the Defense and Security sector.

This is how we continue to move forward, protect the present, and shape the future.



PRO AIRBAGS

BRAZILIAN PIONEERING

THE ONLY ONE IN BRAZIL PRODUCING AIRBAGS.

SSEVERITY **9.9** OUT OF **10** IN THE AUTOMOTIVE INDUSTRY

PROTECTA reinforces its innovative DNA by becoming the only one in the country to produce airbag bags, considering the main safety component of vehicles.

CUSTOMIZATION

Tailored development to meet the needs of assemblers and system integrators.

PRECISION AND QUALITY

Strict control of thickness, weight, and stitching to ensure maximum safety.

HIGH RESISTANCE MATERIALS

Made with advanced technical fabrics, resistant to heat and abrasion.

CURTAIN AIRBAGS



DRIVER AND PASSENGER AIRBAGS

KNEE AIRBAGS

SIDES AIRBAGS SIDE





D&S

**BALLISTIC
PROTECTION
SYSTEMS**

BLINDAGEM

SOLUTIONS **ADVANCED IN BALLISTIC PROTECTION**

PROTECTA is a reference in the development and manufacture of innovative solutions in ballistic protection, offering a complete portfolio of Systems for Vehicle Armor and Defense and Security Equipment. With state-of-the-art technology and high-performance materials, the products guarantee adequate protection for different operating scenarios.

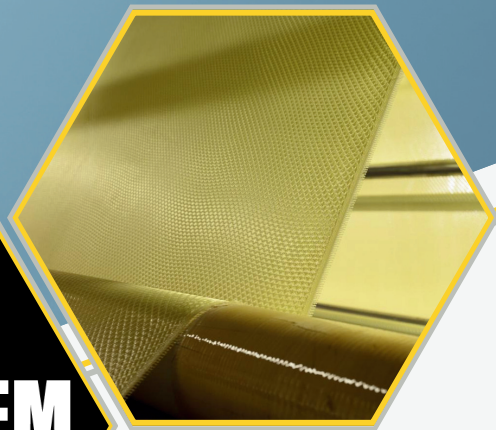
With its own **Innovation Center**, **PROTECTA** systems are severely tested and certified in the primary international standards, ensuring compliance and efficiency in various applications.

Sustentabilidade





BLINDAGEM



THE LARGEST IN AUTOMOTIVE ARMOR PANELS IN THE LARGEST GLOBAL MARKET.

PROTECTA Group, which is committed to excellence, has revolutionized the Automotive Armoring market by offering an innovative portfolio with several solutions. Using cutting-edge technologies that combine **Aramida** and advanced materials in **Polyethylene** (UHMW-PE), raises the standards.

Present in the primary armored vehicles in the country, **PROTECTA** is responsible for more than **30% of armored vehicles** in Brazil, reaffirming its reference in the sector.

High-performance technologies translate into cutting-edge solutions that provide greater lightness, resistance, and ballistic efficiency.

PRO-AR

PRO-Fabric

SOLUTIONS

PRO-UD

PRO-X











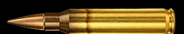



PRO-UDb1

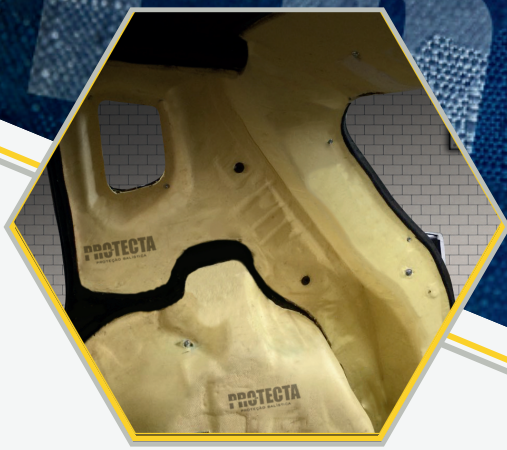


The levels of armor vary according to the regulations of each country. In the US, NIJ standard ranges from II-A to IV, withstanding everything from handguns to high-caliber rifles.

In Europe, the EN 1063 standard classifies armored glass from BRI to BR7. In Mexico, NOM-142-SCFI-2000 establishes levels from I to VII, while in Brazil, **ABNT NBR 15000** defines the levels and threats.

Each regulation adapts protection to local threats, ensuring safety and ballistic resistance.

MAXIMUM PROTECTION CALIBER							
ABNT NBR 15000 - BRAZIL	II-A, II	III-A			III	IV	
EQUIVALENT STANDARDS							
VPAM APR 2006 - GERMANY	2,3	4	6		7	9	EQUIVALENT STANDARDS ARE APPROXIMATE, THEY DO NOT NECESSARILY HAVE AN EXACT RELATIONSHIP
NIJ STANDARD 0108-01 - USA	II-A, II	III-A			III	IV	
LEVEL OF PROTECTION - MEX	2	3	4	4 PLUS	5	7	
CEN EN 1063 - EUROPEAN UNION	BR2, BR3	BR4		BR5	BR6	BR7	
NOM - 142-SCFI-2000 - MÉXICO	A	B	C	C PLUS	D	E	
Gun 9 mm 	Yellow	Yellow	Yellow	Grey	Grey	Black	
Sub machine gun 9 mm 	Yellow	Yellow	Yellow	Grey	Grey	Black	
44 magnum 		Yellow	Yellow	Grey	Grey	Black	
7,62x39mm 			Yellow	Grey	Grey	Black	
5,56x45mm NATO 				Grey	Grey	Black	
7,62x51mm NATO 					Grey	Black	
30.06 M2 AP 						Black	



GUARANTEED PROTECTION AND CONFIDENCE

PRO-AR line offers advanced protection and is made with Aramid fibers, with extreme resistance to tensile, impact, and heat; the **PRO-AR** shields are designed for long-lasting performance, ensuring the best performance.

PRO-AR line was developed to ensure superior safety in **III-A level** armor for vehicles, complying with the ABNTNBR 15000 Standard. It comprises the PRO-AR8C, PRO-AR9C, and PRO-AR12C models, and offers **V50 up to 550 m/s** for 9mmFMJRN ammunition, 15 to 24% higher performance than regulatory requirements.

With waterproofing available in polymeric or natural vulcanization (yellow), the PRO-AR family combines cutting-edge textile engineering and high-performance materials, ensuring maximum protection without compromising the aesthetics and functionality of your vehicle.



PRO-UD REVOLUTIONIZES ARMOR BY REPLACING STEEL, BEING UP **85% LIGHTER**

INNOVATION IN THE NATIONAL MARKET

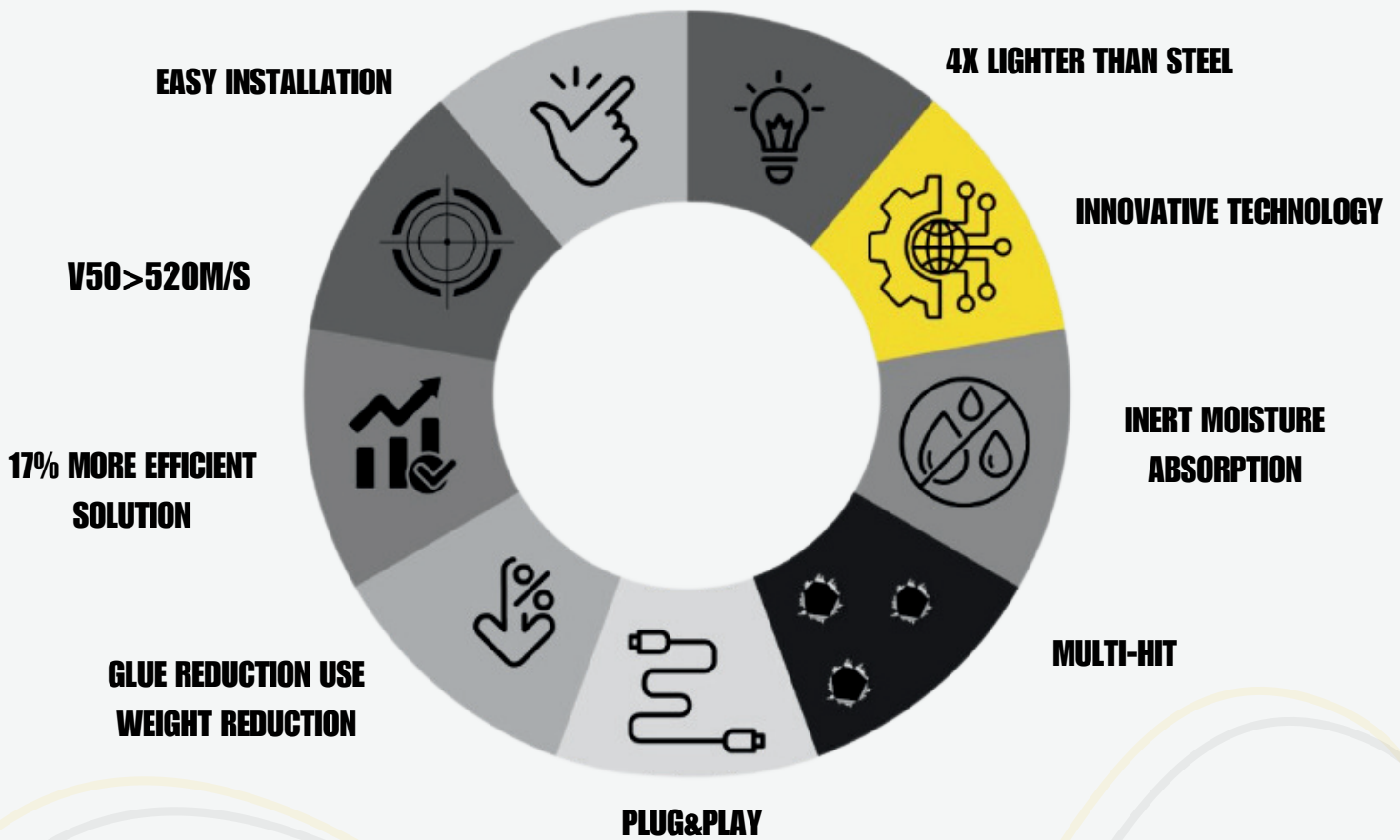
PRO-UD is composed of **UHMWPE** (Ultra High Molecular Weight Polyethylene), a material that stands out for being **32%** lighter than Aramid and offers **17% higher** ballistic capacity. Additionally, it provides more excellent water resistance compared to traditional materials, ensuring durability and reliability in different weather conditions.

Thanks to the advanced design and refined composition, **PRO-UD** uses 50% fewer parts, which makes it easier to install in hard-to-reach areas, significantly reducing component overlap.

Its lightness, combined with its high performance, makes the **PRO-UD** the ideal solution for modern and efficient armor.



PROTECTA's PRO-UD moldings use the most modern technology, providing lightweight, versatile, and extremely resistant armor, ensuring maximum safety without compromising vehicle performance, resulting in a premium armor solution.





FLEXIBLE AND LIGHTWEIGHT ARMOR WITH ADVANCED INNOVATIVE TECHNOLOGY LEVEL III-A (NBR-15000)

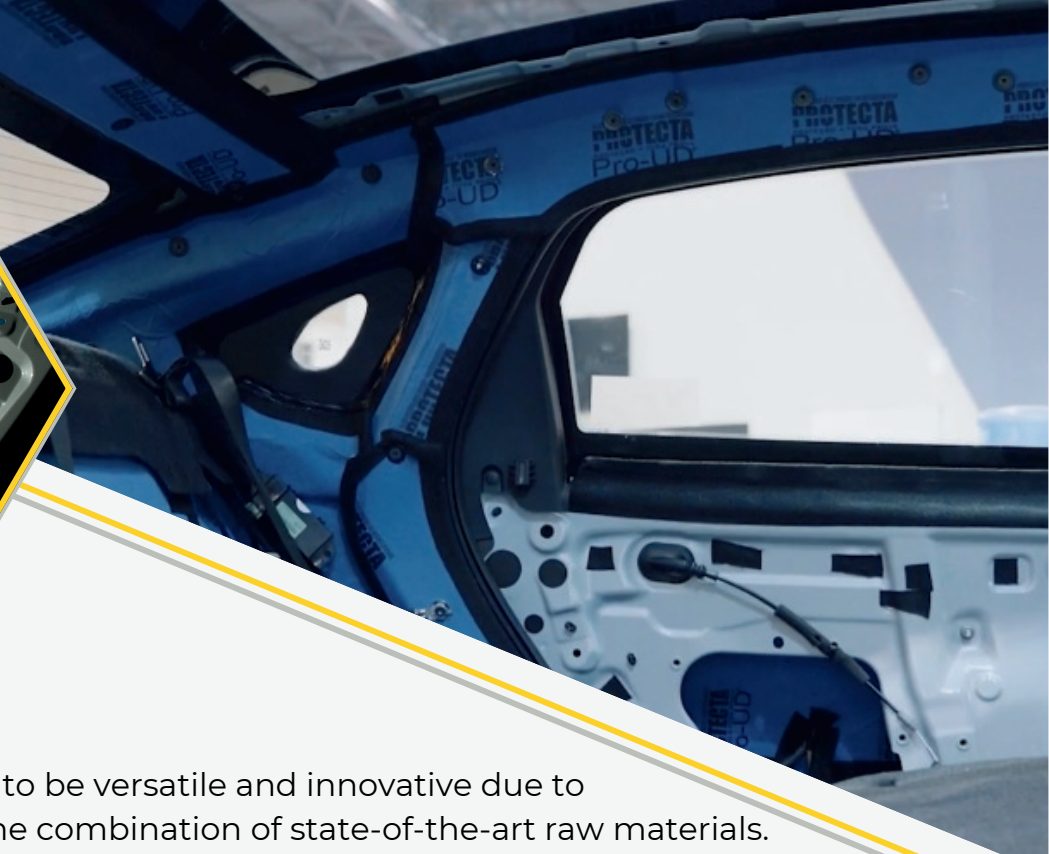
Developed with Ultra High Molecular Weight Polyethylene Fabrics and Special Polymers, the **PRO-UDb1** stands out for its patented Quilted construction. The technological differential that significantly improves the malleability of the material, guaranteeing better and simpler and faster installation.

This technology provides better practicality and agility in the application in addition to reducing the number of parts needed for installation. Its innovative design allows superior adaptation to various surfaces and shapes, making it ideal for **Vehicle Armor, Vessels, Aircraft**, and customized protection solutions.

With the **PRO-UDb1, PROTECTA** reaffirms its commitment to safety, innovation, and excellence, delivering a product that combines advanced ballistic resistance with the comfort and lightness the market demands.

PRO-UD b1 - Intelligent Protection, Superior Performance.





Plug and Play:

Installation model designed to be versatile and innovative due to the flexibility gained from the combination of state-of-the-art raw materials.

Standardization:

The **PRO-UD** kits are strictly the same by vehicle model, the opposite of what is currently practiced in Brazil. Peace of mind for users, who have the best ballistic coverage and armoring companies that will have their internal operation and logistics enhanced.

No residue:

PRO-UD PROTECTA kits are 100% pressed, prepared, and finished in-house, with no manual cutting and no ballistic product waste.

COMPARE AND VERIFY



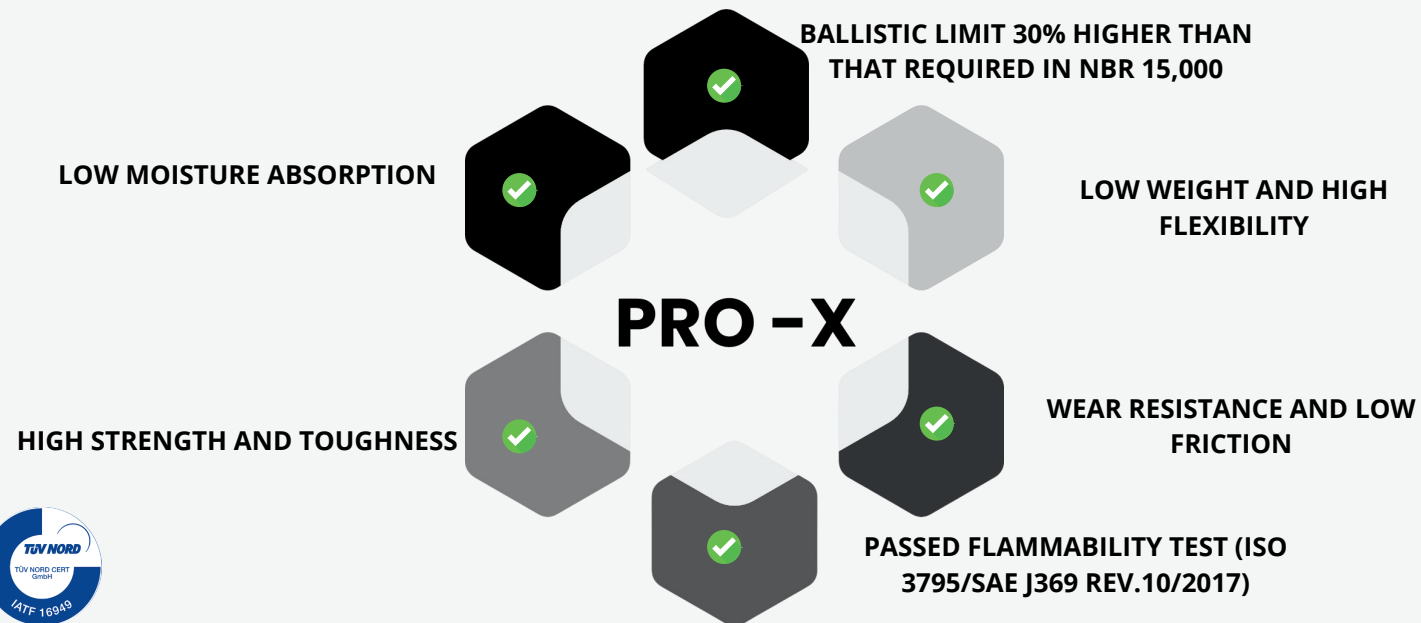
	PLATES	FLAT KIT	PRECAST	PRO-UD
NBR 15000 LEVEL III-A CERTIFICATION	✓	✓	✓	✓
MULTI - HIT	✗	✗	✓	✓
PLUG AND PLAY INSTALLATION (EASY MAINTENANCE)	✗	✗	✗	✓
WATERPROOF UD TECHNOLOGY	✗	✗	✗	✓
LEAST OVERLAP	✗	✗	✓	✓
FLEXIBILITY FOR INSTALLATION	✗	✗	✓	✓



PROTECTA presents the new generation of **PRO-X** Opaque Shields, developed to offer maximum protection with lightness, superior resistance and innovative technology. Composed with the **advanced SD 540 Polyaxial Ballistic Fabric**, they combine high ballistic performance with flexibility and durability.

ADVANCED FABRIC TECHNOLOGY

PRO-X solutions use unique ballistic fabric, produced with **100%** continuous Ultra High Molecular Weight Polyethylene (**UHMWPE**) filaments. Its innovative structure provides greater **MULTIDIRECTIONAL RESISTANCE**, allowing the efficient distribution of impact forces and making the armor more efficient. The **PRO-X** range redefines the standards of opaque shielding, combining technology and maximum security.





PRO-FABRIC

PROTECTA is a reference in advanced **Ballistic Protection** solutions, which combine innovation, technology, and superior performance. Our expertise in technical textiles allows us to develop products that meet the specific needs of our customers, ensuring exceptional quality and performance, translated into innovative materials for diverse applications.

We manufacture **Ballistic Fabrics** from **Aramid** and Ultra High Molecular Weight **Polyethylene** fibers, applying different construction methods to maximize efficiency and performance.

PRO-AR Fabric – Fabrics manufactured with a traditional method that ensures structural strength and flexibility, widely used in body armor and ballistic protection applications. Excellent fiber distribution, density control, and stability.

PRO-X Fabric – Fabrics manufactured in **Polyaxial Constructions**: Advanced and patented technology that provides the optimized distribution of Aramid and Ultra High Molecular Weight Polyethylene fibers in multiple directions, significantly improving ballistic performance and impact absorption.

Monolithic Polyaxial Constructions: Developed with state-of-the-art technology to offer maximum ballistic protection with superior structural efficiency. Made of **mono-material**, the **PRO-X Fabric Monolithic not only guarantees high strength and durability but also facilitates recycling processes and the reuse of production waste**, making it a sustainable solution in line with the best environmental practices.

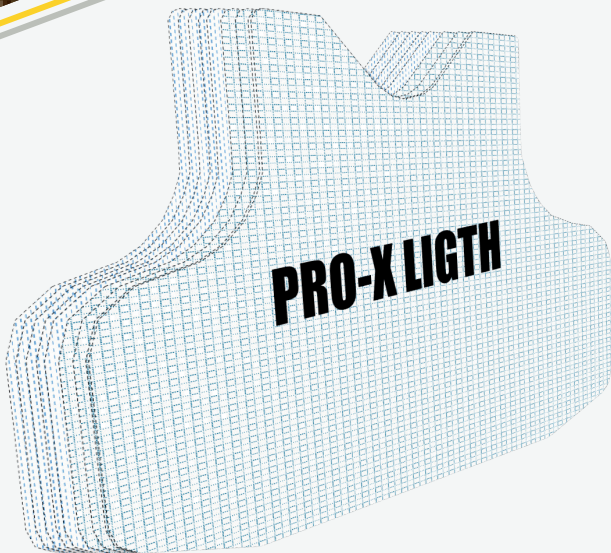


D&S

PRO-X LIGHT

NIJ 0101.06/07 III-A VEST - LIGHTER AND MORE FLEXIBLE, WITH A MASS OF 3.6 KG/M².

The **PRO-X Light** is innovative and incorporates in its **DNA** Polyethylene fibers (UHMWPE), made with special **PRO-X Fabrics** and non-woven fabrics. Such a technological combination results in exceptional ballistic performance, offering Flexibility, Lightness, Discretion, and High Performance.



PRO-X ARMOR

NIJ 0101.06/07 III-A VEST - LIGHTER AND MORE FLEXIBLE, WITH A MASS OF 4.8 KG/M².

The **PRO-X Armor** is the ideal solution for those looking for advanced protection without sacrificing comfort and versatility. Equipped with Special Textile technology (**PRO-X Fabric**), the vest offers high ballistic resistance, while its flexibility ensures comfort in prolonged use, it is the perfect choice for those who demand high performance in risky environments.





D&S

MatrixShield

NIJ 0101.06 III-A VEST - LIGHTWEIGHT AND FLEXIBLE, WITH TECHNOLOGY USED BY THE MAIN U.S. SECURITY FORCE AND MASS OF 4.3 KG/M².

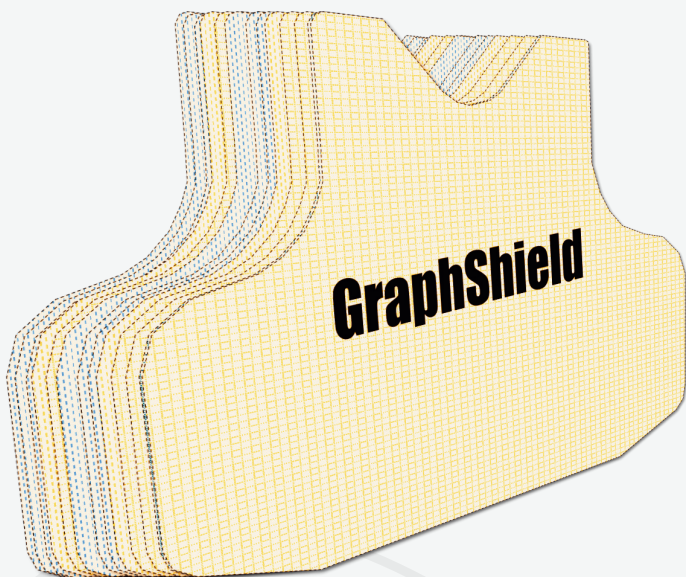
MatrixShield is a product with revolutionary properties and carries in its DNA fibers in Aramid and Ultra High Molecular Weight Polyethylene; all this technology provides increased ballistic performance, flexibility, lightness, discretion, and high performance, all of which is attested by the NIJ 0101.06 certification.



GraphShield

NIJ 0101.04 III-A VEST - LIGHT AND FLEXIBLE AND MASS 4.3 KG/M².

The combination of lightness, flexibility, and nanotechnology of graphene results in a hybrid textile construction that improves ballistic properties, combined with low weight. Another option for such a diverse and demanding market.

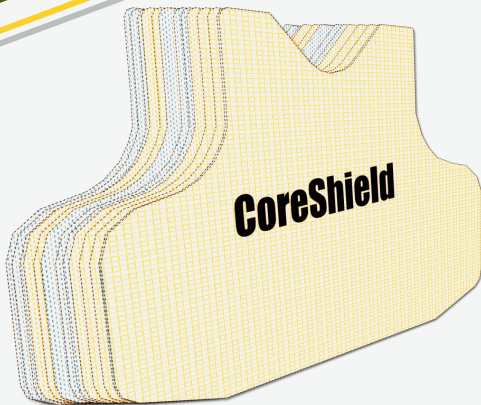




CoreShield

NIJ 0101.06 III-A VEST - LIGHT AND FLEXIBLE AND MASS OF 4.6 KG/M².

The most used and nationally acclaimed hybrid textile construction technology is the translation of this product that carries in its DNA the NIJ 0101.06 certification. CoreShield meets the main demands of the market in weight, flexibility, comfort and ballistic performance. The ballistic panel has high resistance to water and moisture, accompanied by resistance to chemicals, UV rays, and other environmental factors.



COMPARE AND PROVE

	PESO	NIJ 07	NIJ 06	FLEXIBILITY PROTOCOL NT SENASP	V50
PRO-X Light®	3,6 kg/m ²	✓	✓	✓	~530 m/s
PRO-X Armor®	4,8 kg/m ²	✓	✓	✓	~600 m/s
MatrixShield®	4,3 kg/m ²	✗	✓	✓	~540 m/s
GraphShield®	4,3 kg/m ²	✗	✗	✓	~560 m/s
CoreShield®	4,6 kg/m ²	✗	✓	✓	~590 m/s
Competition®	4,8 kg/m ²	✗	✓	✓	~590 m/s
Competitors	5,2 kg/m ²	✗	✓	✗	~490 m/s

D&S

PROTECTA

PROTEÇÃO A TODA PROVA

PLATE TABLE



PRO-TACTICAL ICW (PROT COL 13)	PRO-ARMOR III SA (PROT 019/16)	PRO-SAFE III+ (PROT-PLAT-05)	PRO-PRIME III+ (PROT-PLAT-04)	PRO-STANDARD (PROT 018/16)	PRO-COMPACT SHIELD III (PROT-PLAT-12)
Level III+ (ICW)	Level III++ Stand Alone	Level III++ Stand Alone	Level III+ Stand Alone	Level III Stand Alone	Level III Stand Alone
NIJ 0101.06 Tested	NIJ 0101.06 Tested	NIJ 0101.06 Tested	NIJ 0101.06 Tested	NIJ 0101.04 Tested	NIJ 0101.06 / FED STD 191 Tested
FEATURES				FEATURES	
UD-UHMWPE - PU/Fabric Cover	UD - UHMWPE + Ceramic Strike Face PU /Fabric Cover	UD - UHMWPE + Ceramic Strike Face PU / Fabric Cover	UD - UHMWPE + Ceramic Strike Face Fabric Cover	UD - UHMWPE + PU/ Fabric Cover	UD - UHMWPE + Special Composites
23 mm	26 mm	22 mm	28 mm	26 mm	19 mm
10"x12"	10"x12"	10"x12"	10"x12"	10"x12"	08"x10"
2 kg	2,1 kg	2 kg	2,1 kg	1,6 kg	0,9 kg
Single Curve	Single Curve	Single Curve	Single Curve	Single Curve	Multi-Curve
Shooter's Cut	Shooter's Cut	Shooter's Cut	Shooter's Cut	Shooter's Cut	Shooter's Cut
NIJ 0101.06 Level III Threats: 7,62 x 51 NATO FMJ M80 Additional Threats: 5,56 x 45 mm M193 Ball	NIJ 0101.06 Level III Threats: 7,62 x 51 NATO FMJ M80 Additional Threats: 5,56 x 45 mm M855 7,62 x 39 mm MSC	NIJ 0101.06 Level III Threats: 7,62 x 51 NATO FMJ M80 Additional Threats: 5,56 x 45 mm M855 7,62 x 39 mm MSC	NIJ 0101.06 Level III Threats: 7,62 x 51 NATO FMJ M80 Additional Threats: 5,56 x 45 mm M855 7,62 x 39 mm MSC	NIJ 0101.04 Level III Threats: 7,62 x 51 NATO FMJ (M80)	NIJ 0101.06 Level III Threats: 7,62 x 51 NATO FMJ M80

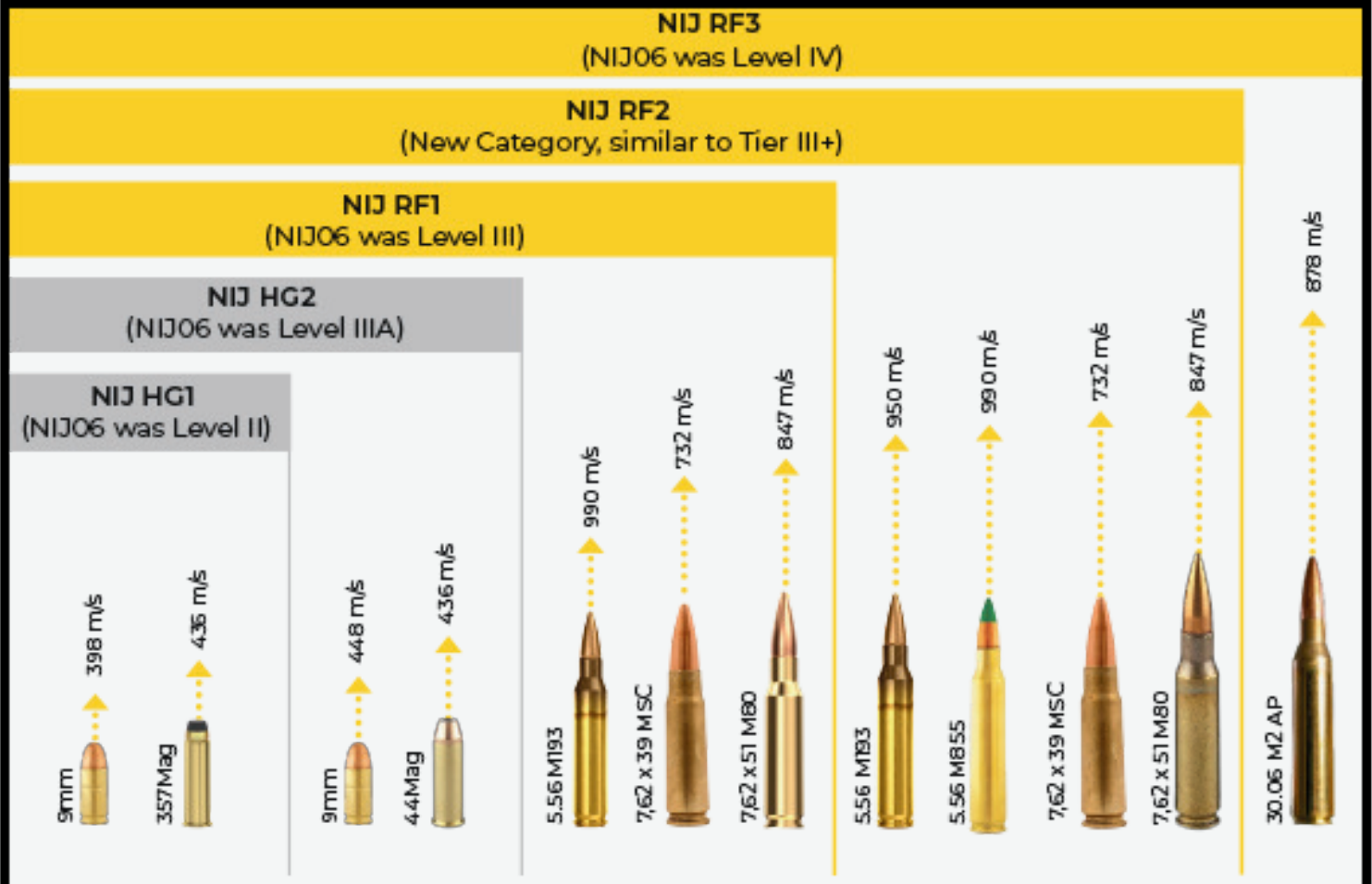
Designed to offer advanced protection against high-penetration projectiles such as 7.62x51mm NATO AP ammunition, our plates are constructed with high-density UHMWPE and anti-fragmentation coating, ensuring exceptional performance in tactical and urban operations. The models are developed to meet NIJ 0101.06 standards, undergo additional testing against specific threats.

PROTECTA plates are designed to meet the requirements of law enforcement, military and operational teams around the world. Our combination of innovation and excellence ensures reliable and effective protection in any situation.



PRO-ARMY IV (PROT-PLAT-09)	PRO-ARMY IV- LAT. (PROT-PLAT-09 LAT)	PRO-STEEL IV (PROT PLAT 1 1)	PROTECTA COMPACT SHIELD IV (PROT-PLAT-13)
Level IV Stand Alone Multi-Hit	Level IV Multi-Hit	Level IV Stand Alone	Level IV Stand Alone
NIJ 0101.06 Tested	NIJ 0101.06 Tested	NIJ 0101.06 Tested	NIJ 0101.06 / FED STD 191 Tested
FEATURES			FEATURES
UD -UHMWPE + Ceramic Strike Face Fabric Cover	UD - UHMWPE + Ceramic Strike Face Fabric Cover	H-H Steel Anti-Spall Coating	UD - UHMWPE + Special Composites
29 mm	29 mm	20 mm	18 mm
10"x12"	6"x 6"	10"x12"	08"x10"
3,1 kg	1 kg	3,6 kg	1,6 Kg
Single Curve	Single Curve	Flat	Multi-Curve
Shooter, Full, Swimmers, SAPI	Shooter, Full, Swimmers, SAPI	Shooter, Full, Swimmers, SAPI	Shooter's Cut
NIJ 0101.06 Level IV Threats: .30 AP M2 AP	NIJ 0101.06 Level IV Threats: .30 AP M2 AP	NIJ 0101.06 Level IV Threats: .30 AP M2 AP	NIJ 0101.06 Level IV Threats:.30 AP M2 AP

Comparison between levels and ammunition (NIJ 06 vs NIJ 07)



NIJ STD 0101.06

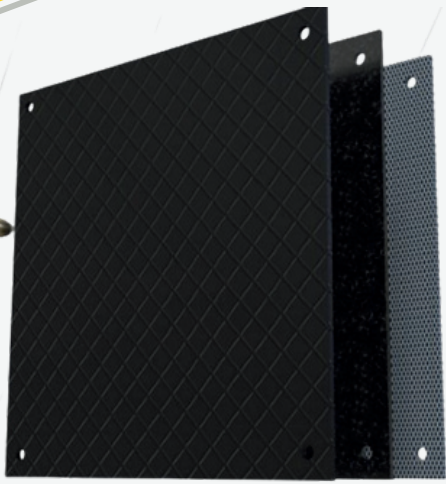
NIJ STD 0101.07

	NIJ STD 0101.06			NIJ STD 0101.07			
	LEVEL	AMMUNITION	VEL FT/S VEL M/S	LEVEL	AMMUNITION	VEL FT/S VEL M/S	
HARD PLATES	III	7.62mm M80 Ball Nato FMJ	2780 ft/s (847 m/s)	NIJ RF1	7.62x51mm M80 Ball NATO FMJ 147 +0/-3 grain	2780 ft/s (847 m/s)	
	Equivalence III + (Plus)	N/A	N/A		NIJ RF2	7.62x39mm MSC Ball Ammunition Type 56 from Factory 31	2400 ft/s (732 m/s)
						5.56mm M193 56 +0/-2 grain	3250 ft/s (990 m/s)
	IV	30.06 M2 AP	2880 ft/s (877 m/s)	NIJ RF3	7.62x51mm M80 Ball NATO FMJ 147 +0/-3 grain	2780 ft/s (847 m/s)	
					7.62x39mm MSC Ball Ammunition Type 56 from Factory 31	2400 ft/s (732 m/s)	
					5.56mm M193 56 +0/-2 grain	3250 ft/s (990 m/s)	
				5.56mm M855 61.8 ± 1.5 grain	3115 ft/s (950 m/s)		
				30.06 M2 AP 165.7 +0/-7 grain	2880ft/s (878 m/s)		

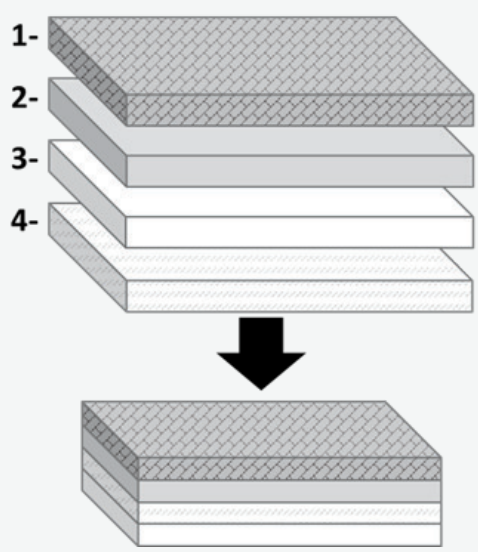


PROTECTA Compact Shield family of products is the translation of the strategic partnership with **Beyond Composite and Surforma**, providing the highest technology of **Ballistic Plates** for Body Protection.

PROTECTA Compact Shield products are composites designed using a selection of ballistic materials and specialty nanotechnologies. These materials are combined in a carefully studied manner to enhance the intrinsic properties of each raw material.



MULTI-LAYER SOLUTION



ENERGY DISSIPATION

ENERGY ABSORPTION

The final solution represents a balanced synergy between Ballistic **Performance**, **Flexibility**, and Weight, culminating in a multi-layered architecture that offers ballistic resistance with extremely lightweight.

Material technologies applied in multifunctional and multilayer solutions:

STANAG 4569 Level 1

- Compounds

STANAG 4569 Levels 2 e 3

- Composites & Ceramics | steel

STANAG 4569 Levels 4 e 5

- Composites, ceramics and steel





PROTECTA

COMPACT SHIELD

PROTECTA Compact Shield Level III Ballistic Plates according to the NIJ 0101 06 standard, it has protection against the following projectiles: 7.62 x 51 NATO BALL (BALL M 80). Fire resistance according to **EN 13087 7 2000** and flame resistance according to **FED STD 191**, method 5905 1.

	Size	Weight	Depth
Nato Small	20x25cm (8x10")	890g	19mm
Nato Standard	25x30cm (10x12")	1070g	19mm



Ballistic plates withstand, without prejudice to their ballistic protection properties, temperatures between -37°C and $+51^{\circ}\text{C}$ and submersion in **Salt Water** for a minimum period of 3 hours at 1 meter depth.

They have high resistance to Corrosion caused by **DIESEL, GASOLINE, ENGINE OIL, HYDRAULIC FLUIDS, JP 8 AVIATION FUEL, and OIL FOR CLEANING WEAPONS.**



LIGHTWEIGHT



IMPACT
ABSORPTION



STIFFNESS



RESISTANCE



VERSATILITY



PROTECTA COMPACT SHIELD

PROTECTA Compact Shield Ballistic Plates Level IV, according to NIJ 0101 06 standard provides protection against the following .30.06 AP projectiles with a velocity of 868 m/s at 15 meters. It has fire resistance according to **EN 13087 7 2000** and flame resistance according to **FED STD 191**, method 5905 1.



	Size	Weight	Depth
Nato Small	20x25cm (8x10")	1.650g	18mm
Nato Standard	25x30cm (10x12")	2.250g	18mm

Ballistic plates withstand, without prejudice to their ballistic protection properties, temperatures between -37°C and +51°C and submersion in **Salt Water** for a minimum period of 3 hours at 1 meter depth.

They have high resistance to Corrosion caused by **DIESEL, GASOLINE, ENGINE OIL, HYDRAULIC FLUIDS, JP 8 AVIATION FUEL, and OIL FOR CLEANING WEAPONS.**

HARD ARMOR

PROTECTA
À TODA PROVA

EFFECTIVE PROTECTION WITH THE VARIATIONS THE MARKET DEMANDS

PROTECTA Ballistic Shield line is composed of models that guarantee individual or collective protection, certified according to NIJ 0108.01, level III-A and III with super light and versatile solutions.



SHOCK MODEL (COLLECTIVE)

TACTICAL MODEL (INDIVIDUAL)

TIER IIIA (NIJ0108.01) AND INTERPÉRIES (NBRLS000)

EFFECTIVE PROTECTION AGAINST MOLOTOV COCKTAIL

TESTS STANDARD+ MULT HIT + EDGE DISTANCE 1.5 IN.

METALLIC FINISH, LOW WEIGHT (VERSIONS FROM 4 KG)



SPECIAL SUITS

PROTECTA Defense & Security presents its new **Anti-Bomb and Demining Suits**, developed with state-of-the-art technology to ensure maximum protection during the **neutralization of explosive devices**, including **shrapnel, shock wave impact and heat generated by detonations**.



Designed for safety, comfort and mobility, these devices are essential for high-risk operations in military and public safety environments.

HIGH EXPLOSION PROTECTION

Meeting the strictest international safety standards, the suits are certified to:

STANAG 2920 (NATO)

Shrapnel, resistance standard, ensuring high performance against fragmentation.

NIJ 0117.01

North American standard that establishes safety requirements for bomb suits..

CWA 15756:2007

European standard setting performance requirements for explosion and detonation protective suits.





SPECIAL SUITS

COMFORT AND MOBILITY FOR OPERATIONS THAT REQUIRE PRECISION AND PROTECTION AT ALL TIMES.

Ergonomic design which allows for ample movement without compromising safety.

Lightweight and resistant materials, reducing weight without compromising protection.

Integrated ventilation system, providing thermal comfort in prolonged operations.

Helmet with ballistic visor, ensuring complete facial protection and excellent visibility.

ENHANCED SECURITY FOR CRITICAL MISSIONS

PROTECTA Bomb and Demining Suits have been developed to ensure that the operator is protected in any explosive threat scenario, allowing missions to be executed accurately, safely, and efficiently.

PROTECTA - Excellence in High-Risk Security Solutions.



SPECIAL SUITS

BOMB DISPOSAL SUIT ensures maximum operator protection against explosive threats and provides safety against impacts, fragmentations, heat, and shock waves while providing mobility and comfort

SUIT COMPONENTS:

The bomb suit consists of the following items:

Visor: Resistant to ballistic impacts and fragmentation,

Ballistic vest: Offers enhanced protection against fragmentation and impacts.

Neck protector: Structured to absorb impacts and minimize injuries in the cervical region, ensuring continuity of protection between the helmet and the vest.

Upper and lower body protection: Reinforced to minimize injuries caused by fragments and impacts.

Explosion and heat-resistant gloves: Made with high thermal and mechanical resistance materials, ensuring dexterity and protection against extreme temperatures and fragmentation.

Materials: Use of Aramid and UHMWPE Polyethylene to maximize protection without compromising mobility



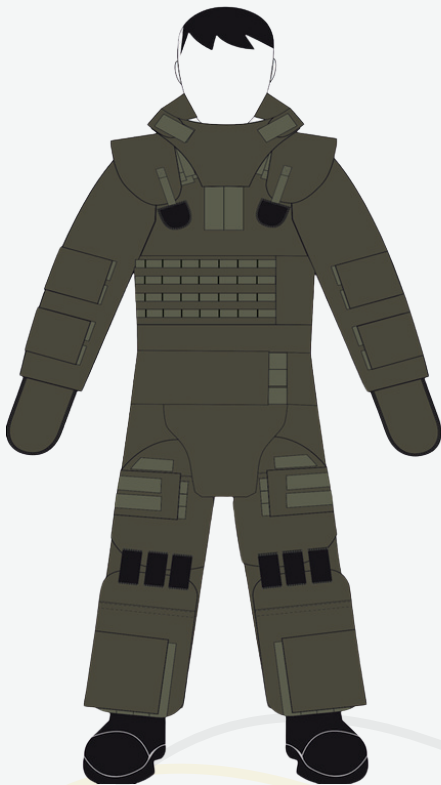
Level of protection: it meets NIJ 0117.01 and **V50** standards greater than 1200 m/s for the chest region, reducing the impact of high-speed fragments.

SPECIAL SUITS

THE MATERIALS USED OFFER **MAXIMUM** **PROTECTION AND DURABILITY**

The **DEMINING SUIT** is a protective equipment developed to ensure the safety of the operator during the neutralization of explosive devices. It offers protection against shrapnel, blast impact, and detonation heat while maintaining a high level of mobility and comfort.

SUIT COMPONENTS



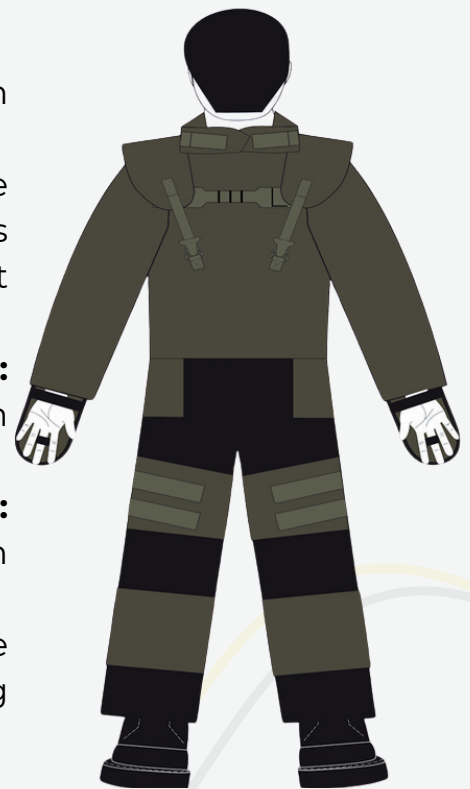
Visor: Reinforced face protection against shatter and impact.

Vest and chest protector: Made with advanced ballistic materials for superior protection against explosive fragments.

Braces and forearm protection: Reinforced design for maximum shatter resistance.

Trousers and thigh protection: Full leg cover with high-strength ballistic materials.

Ballistic Gloves: They provide protection without compromising manual dexterity.



STANAG 2920 (NATO) for shrapnel resistance.
CWA 15756:2007 - European Performance Standard for Explosion and Detonation Protective Suits



**PRO
TACTICAL
SYSTEMS**

PERFORMANCE, SAFETY AND **INNOVATION** IN THE FIELD OF OPERATION

PROTECTA presents its new line of tactical equipment and clothing, which has been developed to meet the most demanding security, defense, and special operations missions. Combining innovation, cutting-edge technology, and high-performance materials, our products guarantee protection, comfort, and mobility for professionals working in critical scenarios.



Tactical Clothing Comfort and endurance for extreme operations



**PRO
TACTICAL**
SYSTEMS



Concealed

They combine maximum discretion with comfort, flexibility and freedom of movement, with exquisite finish and noble raw material with high heat dispersion capacity.

Ostensible

Established model for public and private security agents, as they can be equipped with high-definition embroidery, Velcro, and fabrics with thermal management. The textile construction is the most durable and resistant on the market (abrasion, weather, acids, and bacteria).



Cataphract

The CIBV Cataphract by **Ace Link Armor** design is designed to offer superior protection, functionality, and comfort for law enforcement and military personnel. It is versatile and seamlessly integrates advanced materials with design elements centered on user comfort, ensuring maximum safety and operational efficiency.



PRO
TACTICAL
SYSTEMS

Tactical - Koursores

KSAV Koursores by **Ace Link Armor** design is designed to provide superior protection, functionality, and comfort for law enforcement and military personnel. This lightweight vest integrates advanced materials with user-centric design elements, ensuring maximum safety and operational efficiency.



Livewire Level III-A

Ace Link Armor's Level III-A Livewire design is designed to provide superior protection, functionality, and comfort in high-risk environments. Combinations of **PROTECTA** ballistic solutions ensure durability and functional design.



Livewire

Ace Link Armor's Livewire design is designed to offer superior protection, discretion, and comfort for those seeking reliable, concealed ballistic protection. This vest seamlessly integrates advanced materials with a user-centered design, ensuring maximum safety and operational efficiency.





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Skeletac

Ace Link Armor's Skeletac plate carrier exemplifies a minimalist design combined with exceptional functionality, offering a lightweight and versatile solution for tactical professionals. The use of a KYDEX skeletal structure results in an ultra-light product, increasing mobility and reducing fatigue during prolonged use



Skeletac

Ace Link Armor's LP GEN 4 carrier plate is designed to provide superior protection, functionality, and comfort for law enforcement, military, and security professionals. Made of resistant 500D laminated fabrics with Infrared Reflective (IRR) treatment, the product ensures durability, long life, and reduced visibility for infrared devices, making it suitable for demanding operating conditions.





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Modular Tactical- M.O.L.L.E.

It has a breathable 3D fabric lining with thermal management and high-strength modular tapes. Widely customizable with operational pockets and polyamide tapes in the M.O.L.L.E. system that guarantees the use of various tactical accessories. Its engineering allows adjustment on the straps and shoulder for greater comfort and the quick release system suggests use with flexible IIIA vest or Stand Alone plates on Plate Carrier covers



Laser Cut

PROTECTA innovation in the cutting method, the use of lasers, allows for high precision, creating perfectly cut holes without friction or excessive heat. The result is a stronger, more durable, and lighter textile solution compared to other sewing techniques. It is also resistant to wear, abrasion, oil, tears, and liquids.





**PRO
TACTICAL**
SYSTEMS

Ultimate Security Solution

NIJ 06 COMPLIANCE

LOW THICKNESS

SUPPORTS MULTI-HIT THREATS

FLEXIBILITY PROTOCOL

**COMFORT AND THERMAL
MANAGEMENT FOR LAYERS**

630M/S V50



**APPROVED IN THE WORLD'S
LEADING LABORATORIES**

**WEIGHT 4.6
KG/M²**

**EFFICIENT IN EDGE
SHOOTING**

**TWO VISIBLE
LAYERS**

**HYBRID PE AND HV
SOLUTIONS**

**STAND ALONE NIJ+ BALLISTIC
PLATE**

RFID CONTROL WITH HANDHELD READER AND MOBILE REPORTING

- RFID app for smartphones
- Inventory controls, inventory with real-time reports
- Reports in Word or Excel

PROTECTA®

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