



Hard Shell

GLOBAL LEADER IN BALLISTIC PROTECTION



www.hardshell.ae

CHAIRMAN'S MESSAGE

At Hard shell, our mission is clear: to make the world a safer place through innovation, integrity, and unwavering commitment. As a vertically integrated global manufacturer with state-of-the-art facilities across Europe, Asia, and North America, we proudly serve over 450 clients in more than 100 countries. Our diverse portfolio spans defense systems, healthcare solutions, cybersecurity services, and urban mobility, all designed to meet the evolving needs of our global clientele.

The passion for saving lives is at the heart of everything we do. It drives us to go beyond expectations, delivering excellence from design to deployment. Our dedicated team ensures that every product and service reflects our core values of quality, reliability, and customer-centricity.

Looking ahead, Hard shell remains committed to innovation and excellence. We continue to invest in advanced technologies and expand our global presence to better serve our clients, contributing to a safer, more connected world. Thank you for your trust and partnership.

Anil Kant
Chairman, Hard Shell

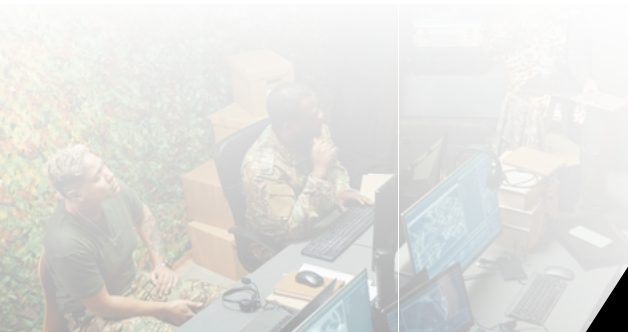


INTRODUCTION TO HARD SHELL

Hard Shell is a vertically integrated global defense equipment manufacturer with over 25 years of experience in designing and producing advanced protective solutions. Our unwavering commitment to safeguarding lives has made us a trusted name in defense, security, and emergency response sectors worldwide. With our design and development hub in the United Kingdom and state-of-the-art manufacturing facilities across the UAE, Asia, and the USA, we combine cutting-edge technology with precision engineering to deliver solutions of uncompromising quality.

Our comprehensive product range encompasses ballistic body armor, helmets, tactical gear, blast protection systems, and armored vehicles across land, marine, and air domains. Every product is engineered to meet the highest standards of performance, durability, and reliability. Serving defense and security forces in over 100 countries, Hard Shell consistently delivers protection solutions that meet demanding operational requirements in some of the world's most challenging environments.

Innovation lies at the core of our mission. From developing advanced materials to pioneering next-generation technologies such as Liquid armor®, our dedicated R&D teams continuously enhance safety, performance, and usability. By understanding the unique challenges faced by defense and security professionals, we design solutions that not only protect but also improve operational effectiveness and confidence in high-risk scenarios. With a proven track record, global footprint, and steadfast commitment to excellence, Hard Shell stands as a trusted partner delivering solutions that save lives and make a tangible difference in the world's most critical situations.



GLOBAL PRESENCE

Hard shell operates on a truly global scale, with a robust presence across Europe, the Middle East, and Asia, and supported by state-of-the-art manufacturing and testing facilities in the UAE, Asia, and the USA. This strategic global network allows us to respond rapidly to client needs, maintain rigorous quality standards, and deliver solutions that meet the most stringent operational requirements.

We proudly serve a diverse range of clients, including military forces, law enforcement agencies, emergency responders, private security organizations, and high-risk industries. Across every sector, our mission is the same: to provide mission-critical protection that ensures the safety and effectiveness of those who rely on our products.

Hard Shell's product offerings—ranging from ballistic armor and tactical gear to armored vehicles are engineered to perform in the most demanding environments, whether on the battlefield, during high-risk operations, or in civilian emergency situations. Each solution is the result of meticulous design, advanced materials, and rigorous testing, reflecting our unwavering commitment to innovation, performance, and uncompromising quality.

Trusted by governments and private sector clients around the world, Hard Shell's global reach, proven reliability, and focus on safety make us a preferred partner for defense and protection solutions. Our international presence not only enables us to serve our clients effectively but also allows us to continuously learn from diverse operational environments, enhancing our capabilities and ensuring that Hard Shell remains at the forefront of protective technology worldwide.

100 +
Countries

450 +
Clients



TECHNOLOGY AND INNOVATION

At Hard Shell, innovation is the result of our people, our infrastructure, and our intellectual capital working in perfect synergy. At the heart of our success is a team of highly skilled engineers, materials scientists, and designers who bring decades of expertise in ballistic protection, tactical systems, and advanced materials. Their ingenuity drives the development of next-generation protective solutions tailored for defense, security, and high-risk operations worldwide.



Our robust global infrastructure, including state-of-the-art manufacturing and testing facilities in the USA, UAE and Asia, complemented by our design and development hub in the United Kingdom enables precise, end-to-end control over every stage of production. This ensures that each solution meets the highest standards of quality, performance, and reliability.

Hard Shell's commitment to innovation is also reflected in our proprietary designs, patents, and trademarks. From advanced composite armor panels to Kevlar® weaving technologies (supported by DuPont™), bomb suppression systems, and specialized tactical gear, our intellectual property represents decades of research, experimentation, and practical experience. Every patent, trademark, and proprietary solution is a testament to the creativity, skill, and dedication of our engineering teams.



Our comprehensive product portfolio, including body armor, helmets, hard armor panels, bomb suppression blankets, de-mining suits, and armored vehicles, demonstrates how our talented engineers, proprietary designs, and advanced infrastructure come together to deliver high performance protection in the most challenging operational environments.





Hard Shell

CONCEALABLE VEST





CONCEALABLE VIP VEST

Designed for:

Police, Army, VIPs

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 / Anti-stab protection on demand

Features:

- Signature Trauma Reducing SAP
- Ultra Thin
- Light Weight
- Easily washable
- Shock Absorbing
- Thermo Regulating



BALLISTIC VIP UNDERVEST

Designed for:

Police, Army, VIPs

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 / Anti-stab protection on demand

Features:

- Signature Trauma Reducing SAP
- Ultra-Thin
- Light Weight
- Thermo Regulating
- Easily washable
- Shock Absorbing



CONCEALABLE VEST - LOW PRO

Designed for:

Police, Army, VIPs

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates /Anti-stab protection on demand

Features:

- Adjustable shoulders for improved comfort.
- Adjustable side closure design.
- Contoured shape forms around the female frame and bust area.
- Flexible design providing comfort wear for all day.
- 3D Mesh for improved airflow around the body of the wearer.



CONCEALABLE VEST - LOW PRO

Designed for:

Police, Army, VIPs

Ballistic Material:

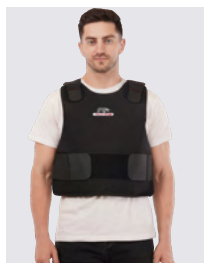
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates /Anti-stab protection on demand

Features:

- Lightweight, bullet-resistant vest with ergonomic fit.
- Adjustable side-closure design for secure wear.
- 100% flexibility for enhanced mobility.
- Dual waist-band adjustment system for precise fit.
- Four-point size adjustment straps.
- Compatible with Signature Trauma Reducing SAP inserts.



ENDORSER VEST

Designed for:

Police, Army, VIPs

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Unisex design, custom-tailored for optimal comfort and protection.
- Adjustable shoulder system for enhanced comfort and fit.
- Side-closure design for easy adjustability.
- Contoured shape for an ergonomic and secure fit.
- Flexible construction ensures all-day wearing comfort.
- 3D mesh lining promotes superior airflow and ventilation.



Hard Shell





COMBAT VEST



AWRS TACTICAL VEST

Designed for:

Military and Special Forces

Ballistic Material:

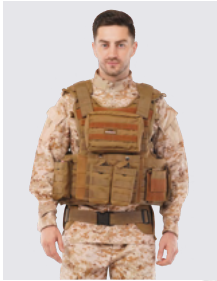
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates /Anti-stab protection on demand

Features:

- Compatible with pouches including magazine, medical, and utility.
- Durable Cordura / Nylon 6,6 / PU-coated outer cover.
- Full wrap-around ballistic protection.
- Equipped with our patented Advanced Weight Redistribution System (AWRS) for improved comfort, balance, and increased load-bearing capability.



MOLLE GENERAL PURPOSE VEST

Designed for:

Police, Military and Special Forces

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates /Anti-stab protection on demand

Features:

- Compatible with RhinoCore Hard armor Plates through reinforced HAP pockets.
- Fully MOLLE-compatible design for modular attachment of pouches and accessories.
- Air Mesh lining for improved ventilation and comfort.
- Adjustable wrap-around design with 4-point size adjustment system.
- Available in durable PU-coated nylon or Cordura fabrics in multiple colors/prints.



PULL - TAC VEST

Designed for:

Military and Special Forces

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Modular protection coverage around the shoulders.
- Quick-release mechanism for rapid doffing in emergencies.
- Custom-cut Signature Trauma Reducing SAP.
- Comfort padding on front, back, and shoulders for extended wear.
- Reinforced rear drag strap for emergency extraction.



HARD SHELL PHANTOM VEST

Designed for:

Police, Military and Special Forces

Ballistic Material:

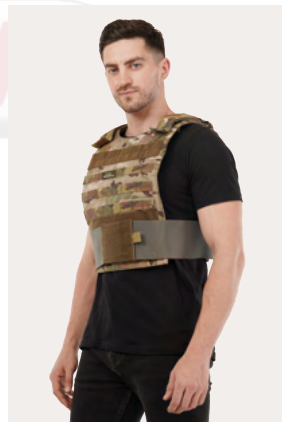
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Innovative dual-mode design—functions as both a tactical vest and a backpack.
- Quick conversion system for seamless transition between modes.
- Ergonomic structure for balanced weight distribution and comfort.
- Compatible with Rhinocore HAP for enhanced ballistic protection.





Hard Shell



GENERAL PURPOSE DEFENDER VEST

Designed for:

Special force, Army, Multipurpose

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Lightweight, general-purpose vest designed for multipurpose field operations.
- Ergonomic structure ensuring comfort and unrestricted movement.
- Adjustable fit for various body types and load requirements.
- Integrated quick-access compartments for mission essentials.



TACTICAL OPERATOR VEST

Designed for:

Special force, Army, Multipurpose

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Configurable pouch layout for magazines, grenades, radio/GPS and general-purpose storage.
- Front admin panel with quick-access internal pockets for maps, documents and tools.
- Additional mission-specific pouches available on request.
- Adjustable shoulder and waist system for a secure, custom fit.





Hard Shell



PATRON VEST

Designed for:

Law enforcement, Special Forces, Military, Mobile Troops



Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Full 360° protection with integrated neck, groin, and bicep guards.
- Ergonomic design ensuring comfort and unrestricted movement.
- Reinforced outer shell for enhanced durability in field conditions.
- Breathable padding for extended wear and heat management.
- Adjustable multi-point fit for balanced weight distribution.



MULTI PURPOSE VEST

Designed for:

Police, Army, Security Personnel

Ballistic Material:

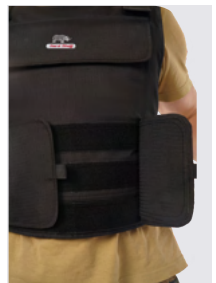
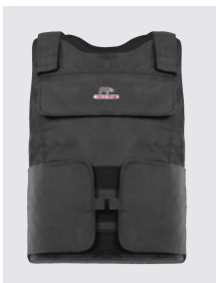
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- High-performance outer vest to be worn over duty uniforms.
- Low-profile front for unrestricted movement.
- Quick-donning front flap for secure fit.
- Full side-wrap design for enhanced coverage.
- Reinforced stress points for maximum durability.





Hard Shell



RHINO TACTICAL VEST

Designed for:

Law enforcement, Special Forces, Military

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- MOLLE / PALS system for customizable pouch configuration.
- Adjustable internal and external cummerbunds for a secure fit.
- Integrated hydration bladder compartment for extended missions.
- Optional rear utility bag for additional storage.
- Durable construction in PU-coated Nylon 6,6 / Cordura.



SAVIOUR VEST

Designed for:

Law enforcement, Special Forces, Military, Mobile Troops

Ballistic Material:

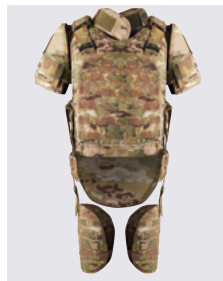
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Full 360° ballistic coverage for comprehensive protection.
- Lightweight design for enhanced mobility and comfort.
- Scalable protection with optional add-on components.
- Compatible with our patented Advanced Weight Redistribution System (AWRS).





Hard Shell



WARRIOR VEST

Designed for:

Law enforcement, Special Forces, Military, Mobile Troops

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Heavy-duty construction for extreme field durability.
- Full 360° protection with reinforced neck, groin, and bicep guards.
- Supports hard armor upgrades for scalable protection.
- Compatible with AWRS for balanced load distribution.
- Padded harness system for comfort under heavy load.



TACTICAL GUARDIAN VEST

Designed for:

Law enforcement, Special Forces, Military, Mobile Troops

Ballistic Material:

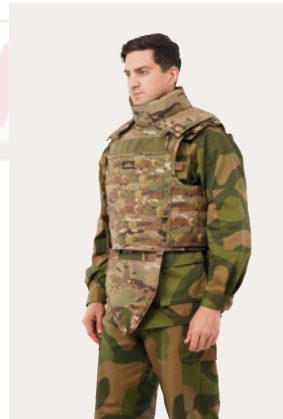
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Full 360° ballistic coverage with integrated neck and groin protection.
- Ergonomic, contoured fit for unrestricted movement.
- Reinforced outer shell for abrasion and impact resistance.
- Breathable comfort lining with ventilation channels for extended wear.
- Adjustable multi-point harness for secure, custom fit.





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Hard Shell

PLATE CARRIERS



ACTIVE SHOOTER PLATE CARRIER

Designed for:

Law enforcement, Special Forces, Military, Mobile Troops

Ballistic Material:

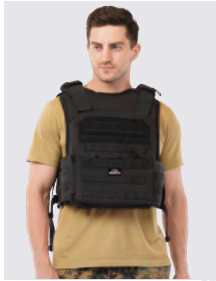
UHMWPE UD (Optional)

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Rapid-deploy plate carrier for active-shooter response teams.
- Front and rear low-profile plate pockets for scalable hard-plate protection.
- Low-profile cut for close-quarters mobility.
- Adjustable shoulders and cummerbund for a secure fit.
- Modular layout for magazines and mission essentials.



HARD SHELL RANGER VEST

Designed for:

Law enforcement, Special Forces, Multipurpose

Ballistic Material:

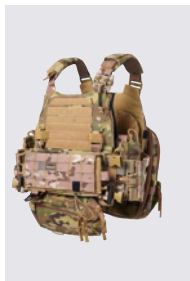
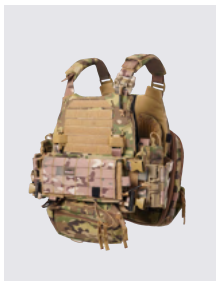
UHMWPE UD (Optional)

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Tactical carrier with integrated utility pack and backpack.
- Ergonomic padded harness for comfort and stability.
- Built-in hydration and quick-access storage.
- Durable Cordura / PU Coated Nylon 6,6 shell with reinforced stitching.
- Adjustable fit for balanced load distribution during long missions.



TACSNAP PLATE CARRIER

Designed for:

Law enforcement, Special Forces, Multipurpose

Ballistic Material:

UHMWPE UD (Optional)

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding Hard Armor Plates / Anti-stab protection on demand

Features:

- High-abrasion-resistant nylon outer shell.
- Mission-specific modular pouch configuration.
- Ruggedized for combat and harsh terrain.
- Equipped with the industry's fastest quick-release system for immediate removal.



PLATE CARRIER VEST - SLICK I

Designed for:

Law enforcement, Special Forces, Multipurpose

Ballistic Material:

UHMWPE UD (Optional)

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding Hard Armor Plates / Anti-stab protection on demand

Features:

- Complete MOLLE/PALS Load attachments.
- Comfort Padding Front / Back and Shoulders.
- Adjustable Sides for improved comfort.
- Sturdy drag strap on Rear of Vest.
- Externally and Internally adjustable waist bands to secure the vest to the wearer.

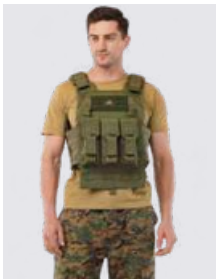
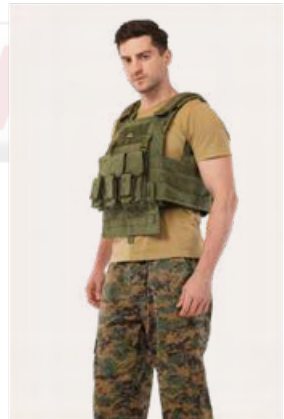


PLATE CARRIER VEST - SLICK II

Designed for:

Lawenforcement, Special Forces, Multipurpose

Ballistic Material:

UHMWPE UD

Performance:

NIJ0101.07 levelHG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding HardArmor Plates /Anti-stab protection on demand

Features:

- Lightweight design offering superior mobility and comfort.
- Padded front, back, and shoulders for enhanced wearer comfort.
- External and internal waistbands provide optimal adjustment and stability.
- Fully flexible construction for unrestricted movement during extended wear.



Hard Shell





Hard Shell

FRONT OPENING VEST



HI VIZ JACKETS

Designed for:

Law enforcement, Special Forces, Multipurpose

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding Hard Armor Plates /Anti-stab protection on demand

Features:

- Waistcoat-style high-visibility vest with front zip closure.
- Reflective tapes for enhanced visibility in day and night operations.
- Two large front pockets for notebooks or essential gear.
- Constructed from durable poly-cotton fabric in a range of color options.
- Designed to keep the wearer visible and safe in high-traffic or low-light environments.



FRONT OPENING MOLLE PROTECT

Designed for:

Law enforcement, Special Forces, Multipurpose

Ballistic Material:

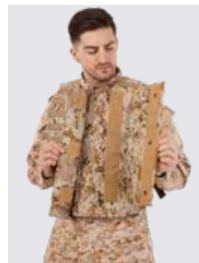
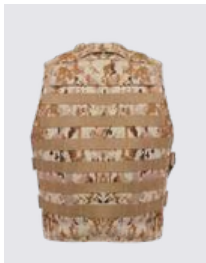
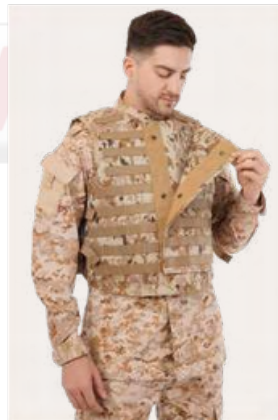
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding Hard Armor Plates /Anti-stab protection on demand

Features:

- Front-opening design for quick and easy donning.
- Comfort padding on front, back, and shoulders for enhanced wearability.
- Adjustable shoulders for improved fit and comfort.
- Custom-cut soft armor protection with Signature Trauma Reduction Technology.
- Compatible with Level III, III+, and IV hard armor plates.
- Air Mesh lining for superior ventilation and heat management.
- MOLLE webbing for modular attachment of pouches and accessories.



WINTER TURF VEST

Designed for:

Law enforcement, Special Forces, Multipurpose

Ballistic Material:

UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding Hard Armor Plates /Anti-stab protection on demand

Features:

- Quilted front and back panels for superior heat retention and structure.
- High collar with full front zipper for enhanced wind protection.
- Smooth, tactical finish suitable for uniformed personnel.
- Lightweight insulated construction with ballistic compatibility.
- Designed to integrate internal ballistic panels without affecting fit or mobility.



STELLER VEST

Designed for:

Law enforcement, Special Forces, Multipurpose

Ballistic Material:

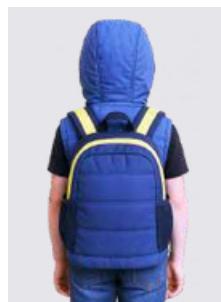
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding Hard Armor Plates /Anti-stab protection on demand

Features:

- Lightweight design tailored for children's comfort and mobility.
- Soft comfort padding on front, back, and shoulders for extended wear.
- Adjustable shoulders and side closures for a secure, flexible fit.
- Custom-cut soft armor protection with Signature Trauma Reduction Technology.
- Air Mesh lining for breathability and improved airflow around the body.



TACTICAL MARINE VEST

Designed for:

Coast Guard, Navy

Ballistic Material:

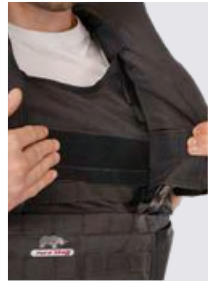
UHMWPE UD

Performance:

NIJ0101.07 levelHG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding HardArmor Plates /Anti-stab protection on demand

Features:

- Automatic inflation in under 5 seconds for rapid buoyancy.
- Operational temperature range: -30°C to +65°C.
- Engineered to withstand harsh marine and saltwater conditions.
- Hydrodynamic design enables immediate water drainage.
- Equipped with YKK® Quick Burst zipper for instant activation.



Hard Shell





Hard Shell

BALLISTIC HELMETS



PASGT HELMET

Features:

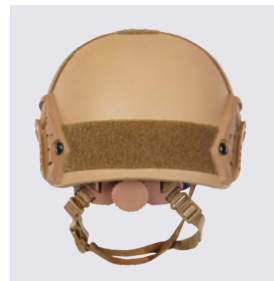
- PASGT design with lifted lip and full coverage for maximum protection.
- High ballistic performance for superior head safety.
- Made from high-tenacity ballistic aramid fiber for durability.
- Perfect-fit suspension system with unique processing for comfort and stability.
- 4-point chin strap harness with integrated nape pad for secure fit.
- Crown mesh with cross straps and cotton chin cup for added comfort.
- Excellent mechanical rigidity, impact protection, and heat insulation.
- Resistant to extreme temperatures, water, and moisture.



RAPS HELMET

Features:

- High-cut shell made of inhouse woven high-tenacity ballistic aramid fiber for superior ballistic protection.
- Raised ear cut for seamless integration with communication headsets.
- Equipped with Hard Shell 3-point Rhino Shroud for NVG mounts and accessory rail connectors (ARCs) with hook bungees and external loop.
- Scalable design compatible with Hard Shell visors, mandibles, handgun face shields, and ballistic appliques.
- Available with four suspension and retention system options for custom fit and comfort.



MICH HELMET

Features:

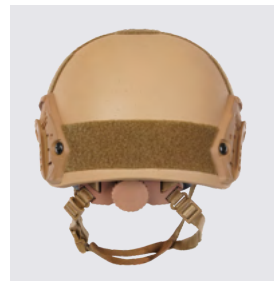
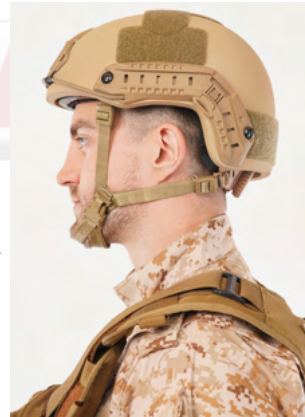
- MICH design compatible with all accessory integrations.
- Made from inhouse woven high-tenacity ballistic aramid fiber for superior ballistic protection.
- Unique processing with perfect-fit suspension system for comfort and stability.
- 4-point chin strap harness with integrated nape pad for secure fit.
- Excellent mechanical rigidity, impact protection, and heat insulation.
- Resistant to extreme temperatures, water, moisture, and flame.
- Fully compatible with add-on devices including NVG, CBRN, and communication systems.



MID CUT HELMET

Features:

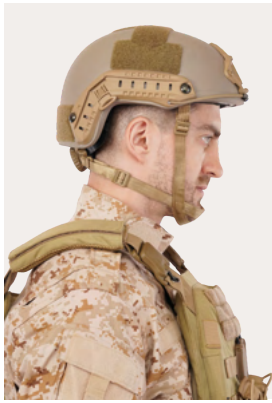
- Mid-cut design for integration with communication headsets and ear protection.
- Equipped with 4-position ARC accessory rails for modular attachments.
- Fully adjustable padded dial suspension system (large) or 7-pad system (extra-large) for custom fit.
- Curved closed-cell foam pads for comfort and impact absorption.
- Aluminum 3-point shroud for optics and accessory mounting, compatible with most NVG mounts.
- External Velcro loops on top, sides, and rear for additional attachments.
- NVG retention compatible with dial suspension system for secure mounting.
- Large helmets use adjustable dial suspension; extra-large helmets use 7-pad system.



SPECIAL FORCES HELMET

Features:

- Made from in-house woven high-tenacity ballistic aramid fiber for superior ballistic protection.
- High ballistic performance for mission-critical protection.
- Precision processing with a perfect-fit suspension system for all-day comfort.
- 4-point chin strap harness with integrated nape pad for secure retention.
- Superior impact protection and heat insulation for harsh environments.
- Resistant to extreme weather, moisture, and operational conditions.
- Fully compatible with NVG, CBRN, and communication systems for mission flexibility.
- Compatible with add-ons such as ballistic face shields and anti-riot visors for modular protection.



BOLTLESS HELMET

Features:

- Patented bolt-free design eliminates risk of secondary projectiles.
- High ballistic performance against NIJ HGII threats.
- Constructed from high-tenacity ballistic aramid fiber for superior protection.
- Unique processing with perfect-fit suspension system for comfort and stability.
- 4-point chin strap harness with integrated nape pad for secure retention.
- Excellent mechanical rigidity, impact protection, and heat insulation.
- Compatible with add-on devices such as face shields, CBRN gear, and communication systems.





Hard Shell

BALLISTIC PLATES





Level III Body Armor Plates

RhinoCore – RF1 Hard Armor Plate

Constructed using advanced UHMWPE composites, RhinoCore Pro delivers NIJ Level III protection against standard rifle threats. Designed for lightweight mobility and fatigue-free wear, it offers an ideal balance between protection and agility for tactical and field operations.

MODEL NO.	PROTECTION LEVEL	BALLISTIC PROTECTION	WEIGHT (KGS)
ICW level III	NIJ Level III with ICW Level IIIA Soft armor	7.62x51 mm (NATO Ball Round) 7.62 39 AK47 (Mild Steel Core)	1.4 KGS
ICW level III		7.62x51 mm (NATO Ball Round) 7.62 39 AK47 (Mild Steel Core)	2.9 KGS
SA level III	NIJ Level III Stand Alone	7.62x51 mm INATO Ball Round) 7.62 39 AK47 (Mild Steel Core)	1.7 KGS
SA Level III		7.62x51 mm (NATO Ball Round) 7.62x39 AK47 (Mild Steel Core)	3.2 KGS





Level III+ Body Armor Plates

RhinoCore – RF2 Hard Armor Plate

An enhanced hybrid design combining UHMWPE with ceramic strike faces for greater multi-hit performance and expanded threat protection. RhinoCore Max ensures increased stopping power while remaining lightweight and mission-flexible.

MODEL NO.	PROTECTION LEVEL	BALLISTIC PROTECTION	WEIGHT (KGS)
ICW level III Plus	NIJ Level III Plus with ICW Level IIIA Soft Armour	7.62 x 51 mm Nato 7.62 x 39 MSC SS 5.56 x 45 mm M193	1.8 KGS
ICW level III Plus		7.62 x 39 MSC 7.62 x 39 HSC 7.62 x 51 NATO SS 5.56 x 45 mm	2 KGS
ICW level III Plus		7.62 x 39 MSC 7.62 x 39 HSC 7.62 x 51 NATO SS 5.56 x 45 mm	2.2 KGS





Level IV Body Armor Plates

RhinoCore – RF3 Hard Armor Plate

Built with high-performance ceramic and composite layering, RhinoCore Ultra provides NIJ Level IV protection against armor-piercing rounds. Its robust construction and energy-dissipation architecture makes it the ultimate choice for high-threat combat and tactical missions.

MODEL NO.	PROTECTION LEVEL	BALLISTIC PROTECTION	WEIGHT (KGS)
ICW level IV	NIJ Level IV with ICW Level IIIA Soft armor	7.62 x 39 mm AP (Six Shots) 7.62 x 51 NATO (Six Shots) 7.62 x 51 AP (Single Shots)	2.65 KGS
ICW level IV		7.62 x 39 MSC 7.62 x 51 NATO 7.62 x 39 HSC 7.62 X 39 MM API BZ SS 5.56 x 45 mm 7.62 x 63 mm AP (M2AP)	3.2 KGS
SA level IV	NIJ Level IV Stand Alone	7.62 x 39 MSC 7.62 x 51 NATO 7.62 x 39 HSC 7.62 X 39 MM API BZ SS 5.56 x 45 mm 7.62 x 63 mm AP (M2AP)	2.7 KGS
SA level IV		7.62 x 39 MSC 7.62 x 51 NATO 7.62 x 39 HSC 7.62 X 39 MM API BZ SS 5.56 x 45 mm 7.62 x 63 mm AP (M2AP)	3.6 KGS



Hard Shell

TACTICAL GEARS



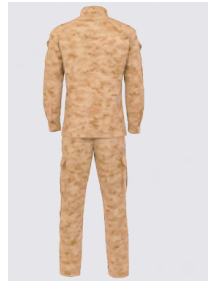
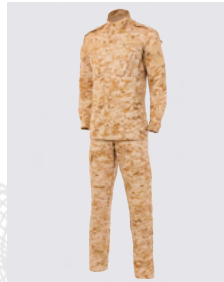
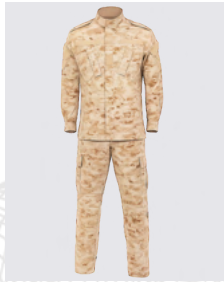
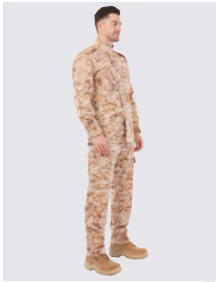
TACTICAL UNIFORM

Material:

Durable poly-cotton blend, optionally available in Twill or Ripstop weave.

Features:

- Designed for high-mobility tactical operations and extended field wear.
- Moisture-wicking, quick-dry fabric for superior comfort in all conditions.
- Articulated sleeves and gusseted underarms for unrestricted movement.
- Dual chest and cargo pockets with reinforced flaps for secure storage.
- Mesh-vented back panel for enhanced breathability and cooling.
- Reinforced belt loops and knees for added durability under load.
- Ergonomic trouser design providing full range of motion and comfort.



TACTICAL T-SHIRT

Designed for:

Law enforcement, Special Forces, Military, Mobile Troops

Material:

Poly-Cotton Blend (lightweight, breathable, and moisture-wicking)

Features:

- Quick-dry and sweat-resistant fabric for high comfort in the field.
- Reinforced shoulder panels for added durability under gear.
- Flatlock seams to reduce chafing and enhance flexibility.
- Available in short or long sleeves.
- Ideal for layering under tactical vests or uniforms.



MILITARY BOOTS

Features:

- Engineered for extreme durability, ready for harsh environments and heavy use.
- Advanced slip-resistant outsoles provide reliable grip on all terrains.
- Ergonomic design with cushioned insoles for long-lasting comfort during extended wear.
- Water- and weather-resistant construction keeps feet dry in any condition.
- Breathable materials promote airflow, reducing fatigue and overheating.
- Reinforced ankle support ensures stability and protection during intense movements.
- Lightweight design enhances mobility without sacrificing strength or protection.
- Quick-dry and low-maintenance materials for rapid deployment and easy field care.



TACTICAL KNEE PADS & ELBOW PADS

Designed for:

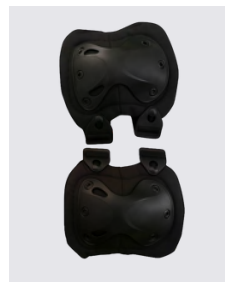
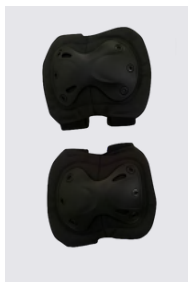
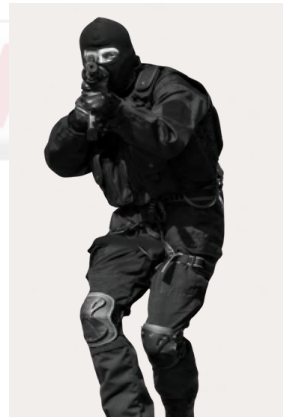
Law enforcement, Special Forces, Military, Mobile Troops

Material:

High-impact ABS/ Nylon

Features:

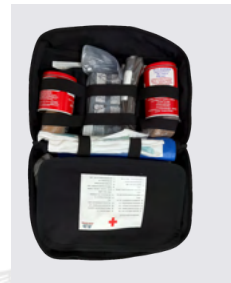
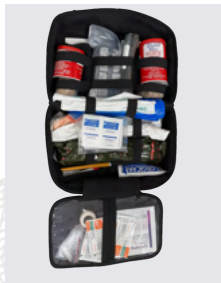
- High-impact resistant shells protect joints from shocks and abrasions.
- Adjustable straps ensure secure, customized fit for all body types.
- Lightweight, ergonomic design allows full mobility without restriction.
- Breathable padding reduces heat buildup and improves comfort.
- Durable construction withstands harsh environments and repeated use.
- Anti-slip inner lining keeps pads in place during intense activity.
- Quick-release or easy-on design for rapid deployment and removal.



INDIVIDUAL FIRST AID KIT

Features:

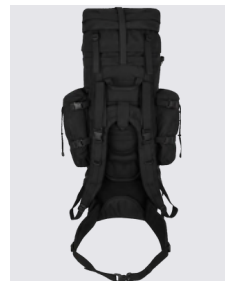
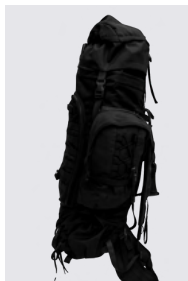
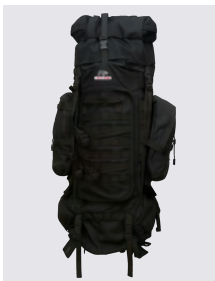
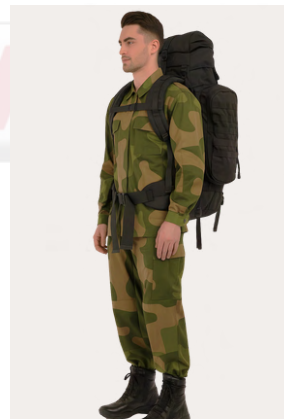
- Compact, combat-ready IFAK for rapid life-saving access.
- Tourniquet, hemostatic gauze, and pressure dressings included.
- Airway tools and chest seals for critical trauma care.
- SAM splint and bandages for fracture and wound management.
- Modular MOLLE pouch with waterproof lining for secure, organized storage.
- Lightweight, durable, and low-signature for tactical operations.
- Quick-access design for stress-free, single-handed retrieval.



TACTICAL BACKPACK-RUCKSACK 200LTR

Features:

- Specially developed for Special Operations Forces with large-load capacity.
- Tri-access design for quick, organized gear retrieval.
- Adjustable height system and double-layer 'S-shaped' shoulder pads for comfort.
- Multi-layer padded hip belt distributes weight evenly.
- Side and top pouches for versatile storage.
- Gear adjustment points and compression straps for secure load.
- Internal zippered compartment to separate wet or soiled items.
- Made from durable 1000 Denier Cordura Nylon.
- Available in Black, Olive Drab, and Woodland Camouflage.





Hard Shell

Anti-Riot Gear



ANTI-RIOT SHIELD

Designed for:

Police, Law enforcement agencies and Security Personnels

Features:

- UV-stabilized polycarbonate with 95% transparency.
- Lightweight for easy handling.
- Rectangular, robust design with convex option.
- 3 mm thick for reliable impact protection.
- Ergonomic handle and adjustable forearm strap.
- Scratch-resistant and weatherproof for durability.
- Quick-clean, low-maintenance design for rapid deployment.



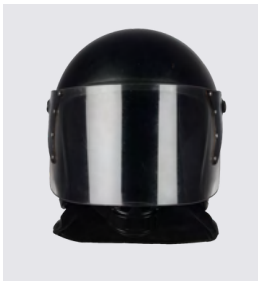
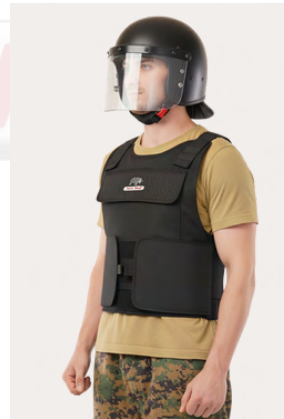
ANTI-RIOT HELMET

Designed for:

Police, Law enforcement agencies and Security Personnels

Features:

- Durable material with full head and neck protection.
- Lightweight for extended use comfort.
- Anti-fog visor with $\geq 85\%$ visible light transmittance.
- Built-in protective mask with integrated buffer layer.
- Fixed bracket for added facial and neck safety.
- Ergonomic one-size-fits-all design for secure fit.
- High-visibility, clear vision during prolonged operations.



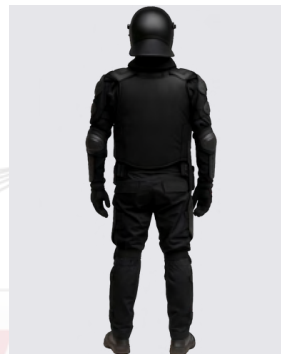
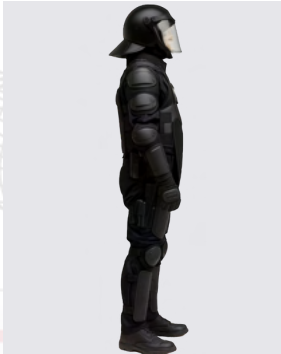
ANTI-RIOT SUIT

Designed for:

Millitary, Police, Law enforcement agencies and security personnels

Features:

- Withstands 20J knife strikes without penetration.
- Absorbs 120J impact without damage.
- Shock absorption limits deformation to ≤ 20 mm from 100J strikes.
- Fire-retardant: self-extinguishes within 10 seconds.
- Integrated pockets for optional ballistic panels or plates.
- Adjustable elastic and snap fastenings for customized fit.
- Full-body coverage: chest, back, arms, shoulders, thighs, knees, and shins.







Hard Shell

BALLISTIC HELMET ACCESSORIES



BALLISTIC GOGGLES

Features:

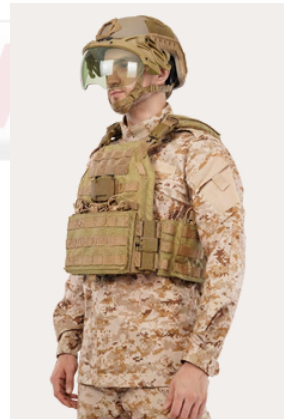
- Provides 100% distortion-free optical clarity for precise vision in all conditions.
- Interchangeable lenses in clear, tinted, smoke grey, or colored options for mission flexibility.
- Complete UVA/UVB protection with anti-reflective, anti-fog, and anti-scratch coatings for enhanced durability.
- Tested to withstand .22 caliber ballistic impacts and shotgun blasts from 10 meters.
- Fully compliant with ANSI Z87.1-2003 + and MIL-V-43511C ballistic standards.
- Constructed from high-impact, fog-proof, scratch-resistant polycarbonate for long-lasting performance.
- Curved, plain design ensures protection and superior coverage without compromising visibility.



FRAGMENT VISOR

Features:

- Seamless integration with SF Helmet for full-face coverage.
- Quick and quiet locking using field-proven HS Lock technology.
- Ballistic protection against 17-grain FSP, V50 825 fps (MIL-STD-662F).
- 6 mm thick molded polycarbonate lens for high impact resistance.
- Frame constructed from molded glass-filled nylon for lightweight durability.
- Anti-scratch and anti-fog coating for clear vision in all conditions.
- Ergonomic design ensures comfort and secure fit during operations.
- Compatible with additional helmet accessories for tactical versatility.
- Curved design for maximum peripheral visibility and deflection of projectiles.
- Rapid attachment and detachment for fast field deployment.



BALLISTIC HELMET VISOR

Features:

- Provides full-face protection from helmet rim to chin.
- No air gap between layers for optimal ballistic performance.
- Lightweight and thin while maintaining maximum protection.
- Secure mounting with adjustable rear lock for stability.
- Quick attach/detach compatible with most ballistic helmets.
- Fully elevatable visor with 3 locking positions at 45° increments.
- Ballistic resistance against 0.38 Special at 290 m/s.
- Fragmentation protection per STANAG 2920, V50 = 290 m/s.
- 6 mm thick molded construction for durability and impact resistance.



PICATINNY QUICK RELEASE RAIL ADAPTERS

Features:

- Made from aerospace-quality ABS nylon and high-strength, impact-resistant polymer.
- Lightweight yet extremely durable for long-term field use.
- Resistant to moisture, chemicals, and extreme environmental conditions.
- Easy, tool-free installation on MICH/ACH and FAST helmets.
- Fully compatible with ACH-ARC Rail Kits and standard Picatinny rails.
- Allows secure mounting of lights, cameras, comms, and other tactical accessories.
- Low-profile design maintains helmet ergonomics and balance.
- Modular and versatile for rapid reconfiguration of mission-specific gear.
- Scratch- and impact-resistant surface for reliable performance in harsh operations.



MANDIBLE GUARD

Features:

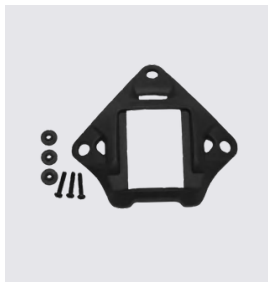
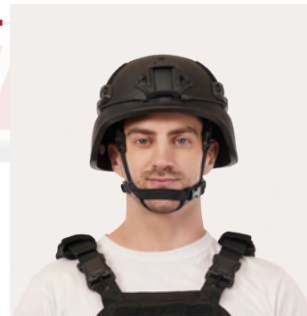
- Provides enhanced blunt impact and ballistic protection for critical lower-face areas.
- Lightweight design allows quick and easy attachment to ARCs without compromising mobility.
- Maintains uninterrupted field of view for situational awareness during operations.
- Compatible with RAPS and full-cut helmets for modular integration.
- Ergonomic design contours to the face for comfort during extended wear.
- Durable, high-performance materials withstand harsh environments and repeated use.
- Reinforced edges and secure locking mechanisms prevent movement during intense activity.
- Streamlined profile reduces snagging while maintaining full protective coverage.



UNIVERSAL NVG SHROUD

Features:

- Made from aerospace-grade aluminum alloy and high-performance polymers for strength and durability.
- Impact- and corrosion-resistant materials ensure long-term use in harsh environments.
- High-endurance shock absorbers protect night-vision devices from sudden impacts.
- Ergonomically enhanced shell increases attachment surface for secure, stable mounting.
- Tether plug prevents accidental NVG loss while allowing controlled release.
- Lightweight design for easy handling and minimal added bulk.
- Reinforced mounting points maintain alignment under repeated use.
- Compatible with standard helmet rail and shroud systems for quick integration.





Hard Shell

DEMINING EQUIPMENT



DE-MINING SUIT

Designed for:

Law enforcement, Special Forces, EOD teams

Ballistic Material:

UHMWPE UD

Features

- Full upper-body protection with HAP pockets.
- High collar integrates with helmets.
- Separate sleeves for maximum mobility.
- Adjustable groin protector for mission flexibility.
- Trousers with braces for freedom of movement.
- Helmet and visor for superior head and neck safety.
- Durable Cordura® or Nomex® outer shell.
- Meets STANAG fragmentation standards with high V50.
- Lightweight and ergonomic for extended wear.



DE-MINING VEST

Designed for:

Law enforcement, Special Forces, EOD teams

Ballistic Material:

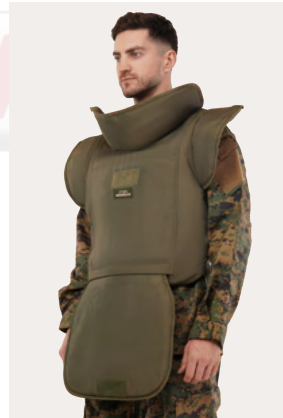
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- Full torso protection against blast and fragmentation.
- Lightweight, ergonomic design for extended wear.
- Adjustable straps for secure, custom fit.
- Durable, high-strength outer shell for harsh environments.
- Compatible with helmets and other protective gear.
- STANAG-compliant for ballistic and fragmentation resistance.



DE-MINING APRON

Designed for:

Law enforcement, Special Forces, EOD teams

Ballistic Material:

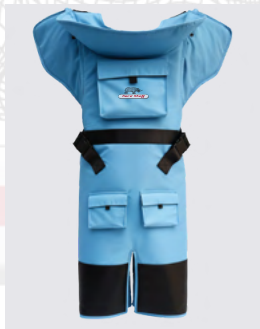
UHMWPE UD

Performance:

NIJ 0101.07 level HG1 / HG2 upgradable to level RF1 / RF2 / RF3 by adding RhinoCore Hard Armor Plates / Anti-stab protection on demand

Features:

- The De-Mining Apron can be worn short, medium or long, depending on your activity at the time.
- Velcro and Webbing adjustment on sides, shoulders, and legs ensures an exact fit.
- The outer garment is washable and made of high-quality Nylon Cordura fabric that is specially treated to be flame retardant, water repellent, and abrasion resistant & weighs less than 2.5kg(+/-5%).
- The De-Mining Apron includes Groin that can be worn when wanted and folded away inside the armor cover when it is not wanted.
- Flexibility and low weight enable the suit to be worn comfortably for long periods of operation without restricting wearer maneuverability.





BOMB DISPOSAL SUIT



BOMB DISPOSAL SUIT

Features:

- Engineered from high-strength ballistic soft armor for superior stopping power.
- Hardwear outer shell made from Nomex® fire-retardant fabric for thermal protection.
- Front section tuned to deliver very high fragmentation (high V50) protection.
- Front and rear pockets accept optional RhinoCore Hard armor panels for mission-level customization.
- Available in Olive Drab, Navy Blue, or Desert Tan with black webbing trim.
- Integrated helmet remote control module for seamless EOD helmet function control.
- Ergonomically designed to allow full use of EOD tools and related equipment.
- Lightweight profile and adjustable fittings for secure, comfortable wear during long operations.



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Hard Shell

VEHICLE ARMORING





Hard Shell

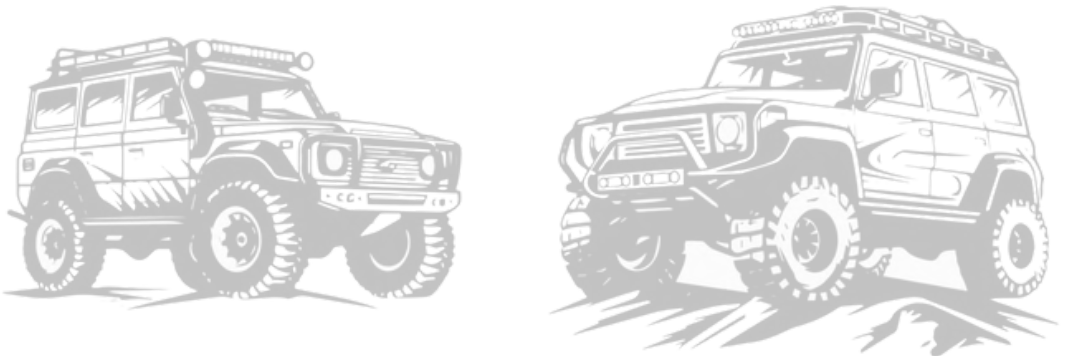


VEHICLE ARMORING – ADVANCED PROTECTION, UNMATCHED EXPERTISE

Hard shell's vehicle armoring solutions set the standard for innovation, engineering, and life-saving protection. Developed by a team of expert engineers, materials specialists, and tactical designers, our systems integrate advanced ballistic technologies, proprietary designs, and precision engineering to deliver unmatched safety in the most demanding operational environments. Each vehicle reflects our commitment to quality, reliability, and real-world performance.

We specialize in lightweight composite armoring that combines superior protection with operational efficiency. Innovations such as our patented Liquid Armour® coating and reinforced armor structures are designed to withstand extreme threats while maintaining mobility and practicality. Hard Shell excels in complex configurations, rapid project execution, and advanced design modifications that few others can achieve, ensuring every vehicle meets exacting mission requirements.

From multi-threat ballistic protection to blast-resistant floors and tailored interior layouts, our solutions are designed for defense, law enforcement, and high-risk security operations. Leveraging vertically integrated processes, cutting-edge materials, and proprietary technologies, Hard Shell delivers vehicles that provide not only protection but also durability, tactical advantage, and operational readiness. With decades of expertise, we consistently set new benchmarks in vehicle armoring and mission-critical performance.



PRECISION ENGINEERING IN VEHICLE ARMORING

At Hard Shell, vehicle armoring is more than protection it is the perfect balance of engineering precision, safety, and discretion. Our world-class team of engineers, designers, and craftsmen deliver customised armoring solutions ranging from discreet OEM-style builds for VIPs to full-scale tactical conversions for defence and law enforcement. Every project is executed under strict global standards, with proprietary technologies and patented processes that allow us to achieve complex configurations under tight deadlines without compromise.

Our Capabilities:

- **Discreet VIP armoring** - Seamless integration into luxury SUVs and sedans such as Toyota Land Cruiser, Nissan Patrol, and BMW 7 Series while preserving factory finish and aesthetics.
- **Tactical Vehicle Conversions** - Heavy-duty modifications that transform standard platforms into armored personnel carriers and mission-ready tactical units.
- **Ballistic Protection** - Multi-level protection (B4-B7) using certified ballistic steel, advanced composites, ceramics, and Kevlar® blast solutions.
- **Mobility Enhancements** - Reinforced suspension, upgraded braking systems, and FINABEL approved run-flat systems on all wheels for safety and reliability.
- **Discreet OEM Finish** - Precision-formed armor panels fitted into factory cavities, ensuring low profile and minimal visual difference from standard vehicles.
- **Critical Safety Features** - Protected fuel tanks, heavy-duty door hinges, and integrated blast protection floors for complete occupant security.





Hard Shell



Hard Shell FZE



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