



**FROM YARN TO FINISHED PRODUCT,**  
world's most vertically integrated company

**THE  
ULTIMATE  
BALLISTIC  
PROTECTION**



## **Indian Armour Systems (P) Ltd.**

Universal Lane, Village - Dudhola, Palwal-121102, Haryana, India

Tel.: +(91)-(1275)-297251

Mobile: +(91) 9891268600

E-mail : [info@indianarmour.com](mailto:info@indianarmour.com)

Website : [www.indianarmour.com](http://www.indianarmour.com)



## INTRODUCTION

**Indian Armour** offers an excellent range of protective products such as Composite Armour Panels, Bullet Resistant Jackets, Helmets, Bomb Suppression Blankets, Bomb Disposal Suits, Combat Boots, Tactical Kit Bags and fully tried and tested Armoured Vehicles.

Indian Armour is an **ISO 9001:2015 certified** company, manufacturing specialized ballistic protection.

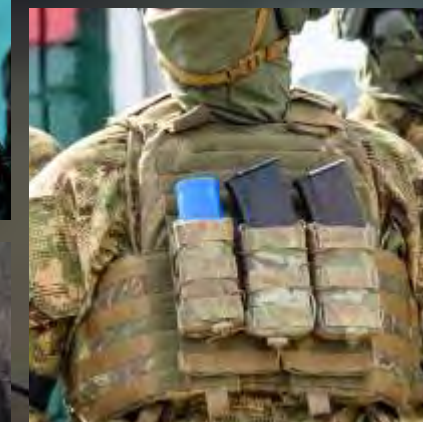
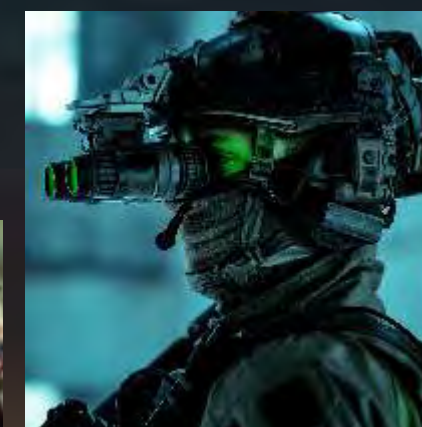
Indian Armour is the **most vertically integrated manufacturing company** in the world thus making us a very competitive and a prosperous organization. Indian Armour, as an elite manufacturer of ballistic protection products, has remained committed to using cutting edge technology for developing products for both the army and the police, that are lighter, better and cost effective. The personal protection products are designed for maximum safety in diverse operational conditions.

All our products are rigorously and **comprehensively tested** both in field and in recognized international laboratories of Europe and USA.

The **in-house Product development** team responds swiftly to new customer requirements and challenges.

**Indian Armour** has continuously led the field in creating better and more cost effective ways to save lives around the world.

[www.indianarmour.com](http://www.indianarmour.com)





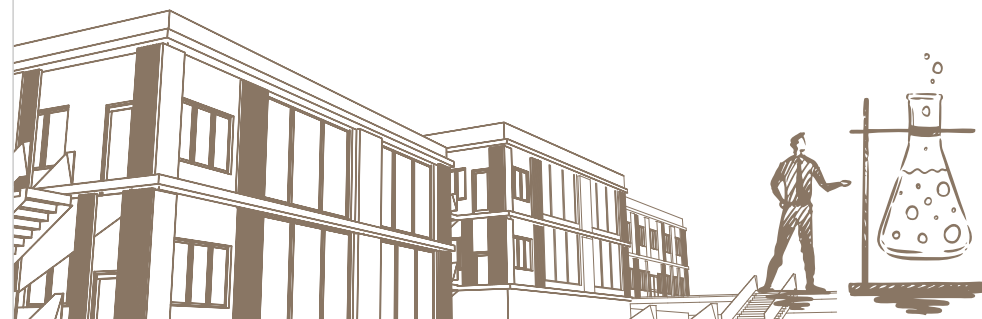
## RESEARCH & DEVELOPMENT

**INDIAN ARMOUR** was founded with the vision to understand the importance of every life fighting for the safety of their country. Our goal is of saving the lives of those who protect ours. A soldier's safety along with their comfort is a concern for the **research and development** team. Indian Armour closely works with **DuPont Inc.** on lighter ballistic solution by using **Kevlar** & has full Research & Development support for any kind of new development, both for **Hard Armour & Soft Armour**.

Our Research and Development team include ex-military professionals from defense industry, professional chemical engineers with composite manufacturing experience and expert designers. While our ex-military professionals, along with our professional designers concentrate on the comfort, cosmetic and **durability aspects of the personal protection**, the engineering team assures that maximum protection has been provided without compromising the integrity of our products.

The in-house Product Development Team responds swiftly to new customer requirements and challenges. Indian Armour has continuously led the field in creating better and more **cost effective ways to save lives around the world**.

The strength of Indian Armour is in manufacturing **Soft Armour and hard Armour composites**. We have always understood the importance of light weight ballistic solutions for mobility and comfort. Our team has rigorously worked on developing the **lightest but the most resilient solution** for soft and hard armour composites. Our Personal Protection section of our **Advanced Body Armour range** provides detailed technical specifications of lighter solutions for advanced tactical products.



## QUALITY MANAGEMENT & INTERNATIONAL CERTIFICATION

Protecting our elite special forces, law enforcement and military personnel is a serious business, therefore our management process are equally serious. Indian Armour's success comes from **high standards of quality management**, consistency and **product integrity**.

We maintain **strict traceability** for each product beginning from design through to development and all the way to manufacturing. Each part of a finished product undergoes **strict inspection** by our quality management team, which follows all recognized ballistic industry standards. Our quality management team checks the ballistic material frequently throughout the manufacturing process, using **quantifiable standards and implemented rigorous traceability measures**.

All our products are **tested** both in the **field and international laboratories** around the world. Indian Armour also holds access to ballistic testing ranges where our products are tested by our research and development team. Indian armour has also adopted the policy of offering all of our products for user-satisfaction testing on the ground or in any laboratory in the world.





## WEAVING HIGH PERFORMANCE FABRICS

Indian Armour has an international reputation for innovation and quality, supplying wide range of high performance technical textiles for critical military applications to diverse markets around the world. Woven knitted, dyed, coated and finished fabrics form the basis of our product range, supported by high specifications raw material and competent design team.

We at Indian Armour believe in importance of working with customers to deliver solutions that help their business prosper and grow. The ability to deliver unique product solutions is achieved not only working closely with customers, understanding their requirements and developing real partnership, but also through collaboration with leading suppliers.

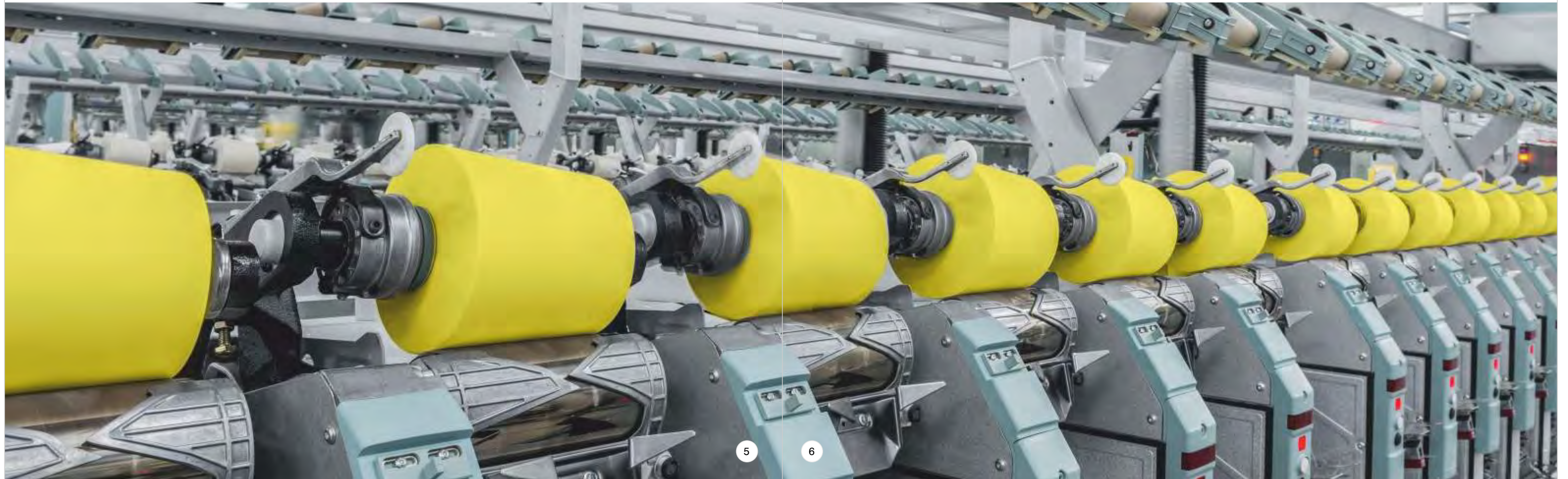
The breadth and vertical nature of our business are amongst our greatest strengths.

Maintaining high level of investment in people and equipment, Indian Armour continually improves quality and performance standards. This investment is reinforced by a dedicated research and development team ensuring we stay at the leading edge of technology.

A range of high strength fabrics are manufactured at our facilities including:

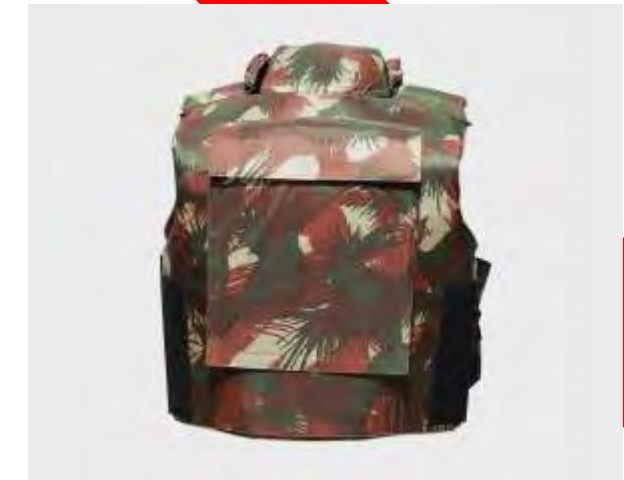
- Woven Meta/Para Aramid fabrics using KEVLAR®
- High tenacity nylon parachute fabrics.
- High performance Polypropylene fabric.

■ <b>Fields of application are Individual Protection</b>	Light Weight Bullet Resistant Vest, Jackets, Hard Armour Panel, Inserts, Bomb Blankets, Shields, Helmets and Combat Shoes.
■ <b>Vehicle Protection</b>	Armouring of Civil and Military Vehicles.
■ <b>Aircraft Protection</b>	Seat, Floor and Wall Armouring.
■ <b>Boat Protection</b>	Bridge, Storage Compartments and Command Center Armouring.
■ <b>Building Protection</b>	Armouring of Industrial and High-Risk Sites.





# ARMY VEST



## OVERVIEW

The Army Vest is designed as a basic armour vest for police and private security personnel. This vest provides front, back, and side ballistic protection as a standard, and additional protection is provided by the removable collar and groin. These add-ons can be used or removed as the mission dictates.

## FEATURES

- Custom-cut Soft Armour Panel.
- Water-resistant ballistic panel cover with heat-sealed seams.
- Easy-care durable outer cover made of Cordura, Nylon 6.6, Polyester, etc.
- Front to back wrap around ballistic protection.
- Shoulder, collar and groin protection.
- Air Mesh for improved airflow around the body of the wearer.
- Adjustable Waist Bands to secure the vest to the wearer.
- Allowance for 10" X 12" or 8" X 10" Hard Armour Panels for added protection.
- Magazine pouches.
- Size adjustable straps.

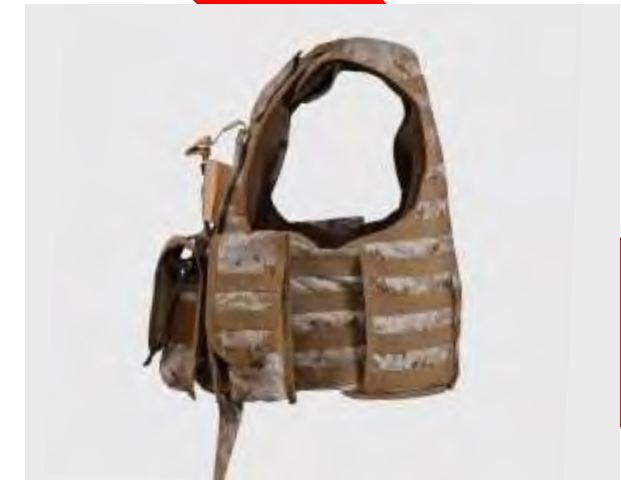
## PROTECTION

- NIJ Level IIIA - 9mm
- NIJ Level IIIA - .44 Mag





# QUICK RELEASE SYSTEM



## OVERVIEW

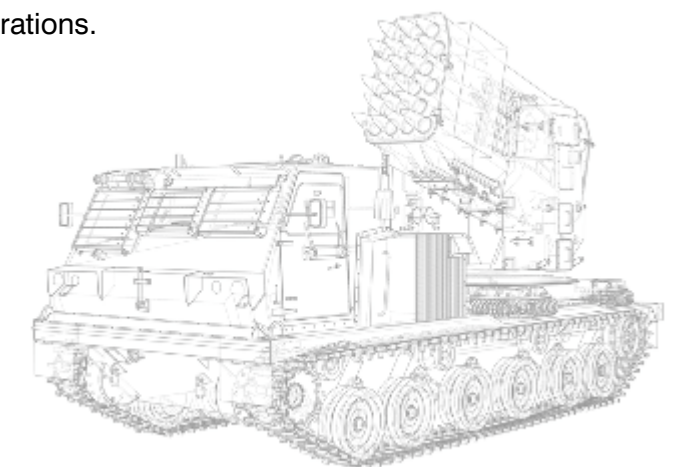
In designing the Tactical Vest, we have taken into consideration the importance in the quick removal of a vest for a soldier whenever required. With add-on pouches on the tactical vest, one can store magazines, grenades, maps, etc. The vest is equipped with MOLLE system specifically designed for combat applications in demanding situations.

## FEATURES

- Custom-cut Soft Armour Panel.
- Water-resistant ballistic panel cover with ultrasonic-sealed seams.
- Easy-care durable outer cover made of Cordura, Nylon 6.6, Polyester, etc.
- Nametape hook and loop.
- Front to back wraparound ballistic protection.
- Air Mesh for improved airflow around the body of the wearer.
- Adjustable Waist Bands to secure the vest to the wearer.
- Allowance for 10" X 12" or 8" X 10" Hard Armour Panels for added protection.
- MOLLE / PALS Load attachments.
- Comfort Padding Front / Back and shoulders.
- Multiple magazines pouches for a wide range of operations.

## PROTECTION

- NIJ Level IIIA - 9mm
- NIJ Level IIIA - .44 Mag





# TORC



## OVERVIEW

The Tactical Operations Response Carrier (TORC) is a versatile plate carrier system meticulously crafted to meet the exacting requirements of modern Law Enforcement Operations & Tactical Teams. With its cutting-edge design, ergonomic fit, and streamlined profile, the TORC offers a truly modular tactical body armour system, ideal for both task force and tactical teams. Its scalability ensures adaptability for various missions and scenarios. Emphasizing utility, the TORC provides the simplicity of a plate carrier while offering options for additional ballistic protection add-ons. This makes it the perfect choice for law enforcement professionals seeking optimum performance and protection in their operations.

## FEATURES

- Quick Release platform.
- Shoulder straps feature a Hydration/Communication tunnel.
- Easily attach or detach items with the Removable D-ring attachments.
- The Ballistic Dynamic Cummerbund includes pockets for added functionality.
- Soft Armor cummerbund pockets offer versatility for various gear options.
- Dynamic cummerbund grip tabs ensure a secure and adjustable fit.
- Conveniently access front and rear rifle plate pockets with a bottom-loading design and expandable 4-way stretch feature.
- Enjoy enhanced comfort with the Spacer mesh lining.
- Stay organized with the Admin/document pouch.
- The front kangaroo pouch provides quick access to essential items.
- Securely mount shoulder weapons with the Non-skid shoulder weapon mount.
- Attach ID placards at designated points for identification.
- The reinforced drag strap ensures durability and easy handling in emergencies.
- A Removable sling catch is included for user preference.
- The alpha sizing system ensures a tailored and comfortable fit for all users.

## PROTECTION

- NIJ Level IIIA - 9mm
- NIJ Level IIIA - .44 Mag



# VIP VEST



## OVERVIEW

This new bulletproof under vest is a state of art product designed for discretion and flexibility. The anatomical flex points and breathable fabric give this one piece design the optimal comfort when used in hot climate zones. A discreet protection solution for VIP protection and covert security applications.

## FEATURES

- Custom cut Soft Armour Panel.
- Ultra-Thin and 100% flexible
- Light Weight & Easy washable
- Water-resistant ballistic panel cover with Itrasonic welded seams
- Easy-care durable outer cover
- Maximum concealability

## PROTECTION

- NIJ Level IIIA - 9mm
- NIJ Level IIIA - .44 Mag







# BALLISTIC PLATES

S.No.	Protection Level	Bullet Construction	Bullet Type	Weight Options
1	NIJ Level III ICW	7.62X39MSC & 7.62X51 NATO	NATO Ball, M80, SLR	1.4 kg / 2.9 kg
2	NIJ Level III Standalone	7.62X39MSC & 7.62X51 NATO	NATO Ball, M80, SLR	1.6 kg / 3.2 kg
3	NIJ Level III+ ICW	7.62 x 51 mm Lead Core 7.62 x 39 mm Lead Core 5.56 x 45 mm Lead Core	NATO Ball, M80, SLR, L2A 2CJLC, MSC M193, L2A1	1.8 kg / 2 kg
4	NIJ Level III+ Standalone	7.62 x 51 mm Lead Core 7.62 x 39 mm Lead Core 5.56 x 45 mm Lead Core	NATO Ball, M80, SLR, L2A2 CJLC M193, L2A1	2 kg / 2.2 kg
5	NIJ Level IV ICW	7.62 x 63 AP 7.62 x 54 API 7.62 x 51 7.62 x 39 API	M2AP Dragunov NATO M80 BZ	2.65 kg / 3.2 kg
6	NIJ Level IV Standalone	7.62 x 63 AP 7.62 x 54 API 7.62 x 51 7.62 x 39 API	M2AP Dragunov NATO M80 BZ	2.7 kg / 3.6 kg

**Note:** All Weights have a Tolerance of  $\pm 5\%$

## HARD ARMOUR PANEL

### OVERVIEW

The Hard Armour plate is designed to meet the complete requirements as per NIJ standards. These plates also offer excellent protection against high-caliber rifle rounds

### FEATURES

- Containment of spall, debris and residues after ballistic impact
- Weather resistant and designed for the harshest conditions
- High altitude pressure resistance
- Covered with hard-wearing outer fabric
- Flat, single curved, and multi-curved configurations.
- Multi-hit capabilities.





# RAPS HELMET



## OVERVIEW

A lighter helmet with no lip or ear coverage especially designed for SWAT Teams and Special Services to ensure maximum flexibility and comfort. Helmet is designed to protect against fragments / shrapnel and other ballistic threats with improved comfort.

## FEATURES

- High cut shell made with hybrid composites of Carbon, Uni-directional Polyethylene, and Woven Aramid.
- Raised ear cut allows for integration with communications headsets.
- Features an IA 3-Point rhino Shroud for universal capability with most NVG mounts, Accessory.
- Rail Connectors (ARCs) with hook bungees, and external loop.
- Scalable design allows for compatibility with IA visors, mandibles, handgun face shields, and ballistic appliques.
- Available with four suspension/retention options.

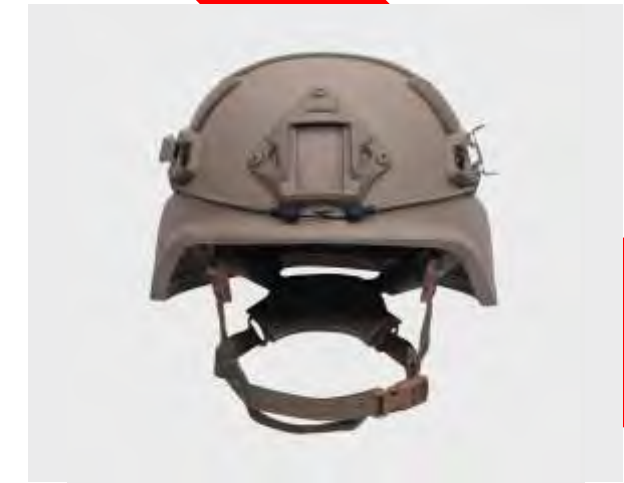
## PROTECTION

NIJ Level – IIIA





# PASGT HELMET



## OVERVIEW

The PASGT Helmet (US Personal Armour System Ground Troops) Helmet is designed to protect against fragments or shrapnel and other ballistic threats with improved comfort. Used by Special Forces, Police, Military and SWAT teams.

## FEATURES

- Superior ballistic performance
- Unique processing method and perfect fit suspension system.
- 4-point chin strap harness.
- Crown Mesh with cross straps.
- Excellent Mechanical Rigidity, Impact Protection and Heat Insulation
- Resistant to All-weather temperature conditions, Water, Moisture and Flame
- Compatible with add on devices like CBRN and Communication Devices etc.
- Also add-on Devices like, Ballistic Face Shield, Anti-Riot face Shield can be fitted with ease.

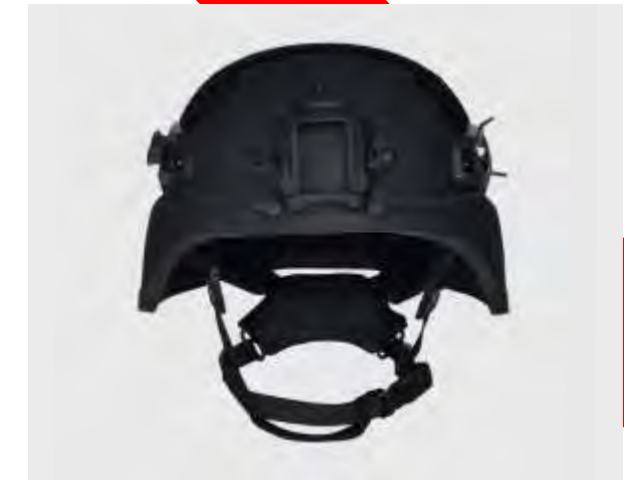
## PROTECTION

NIJ Level – IIIA





# MICH HELMET



## OVERVIEW

The MICH ACH HELMET (Modular Integrated Communication Helmet) is designed as a lighter & more compact version of the PASGT Helmet, with reduced ear coverage, no lip & reduced coverage at the back. This allows for better vision & hearing & also allows the wearer to shoot from the prone position.

## FEATURES

- Superior ballistic performance
- Made with High-tenacity ballistic Aramid.
- Unique processing method and perfect fit suspension system.
- 4-point chin strap harness with chin cup.
- 7-Pad Harness System
- Excellent Mechanical Rigidity, Impact Protection and Heat Insulation
- Resistant to All-weather temperature conditions, Water, Moisture and Flame
- Compatible with add-on devices like CBRN and Communication.

## PROTECTION

NIJ Level – IIIA





# SPECIAL FORCE HELMET



## OVERVIEW

A lighter helmet with no lip or ear coverage, specially designed for SWAT Teams & Special Services to ensure maximum flexibility and comfort. Helmet is designed to protect against fragments / shrapnel and other ballistic threats with improved comfort.

## FEATURES

- Superior ballistic performance
- Made with High-tenacity ballistic Aramid.
- Unique processing method and perfect fit Suspension system
- Excellent Mechanical Rigidity, Impact Protection and Heat Insulation
- Resistant to All-weather temperature conditions, Water, Moisture and Flame
- Compatible with add on devices like NVD, CBRN Ballistic Face Shield, Anti Riot face
- Shield and Communication Devices etc.

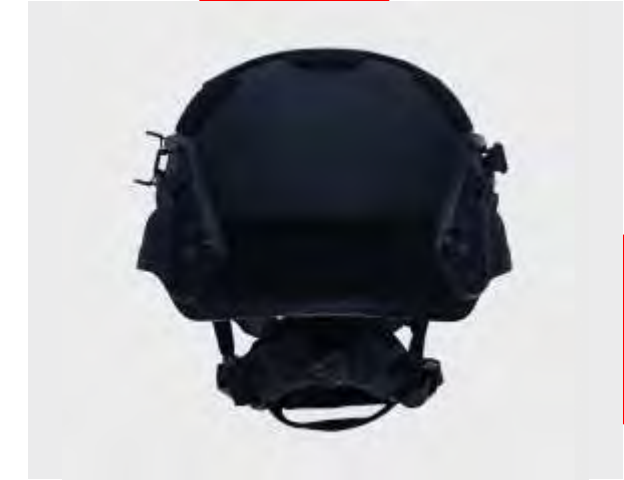
## PROTECTION

NIJ Level – IIIA





# MID-CUT HELMET



## OVERVIEW

The FAST or high cut advanced combat helmet (ACH) provides excellent above the ear (ATE) protection and has undergone independent laboratory testing to meet NIJ IIIA specifications. Manufactured from top-quality raw materials, this helmet includes a front aluminium shroud designed to accommodate a wide range of ballistic helmet accessories.

## FEATURES

- The ballistic shell is as per NIJ Level IIIA and independently tested by NIJ accredited laboratories.
- Designed in a High Cut style, allowing space for communications headsets and ear protection.
- Equipped with ARC 4 position accessory rails for versatile accessory attachment.
- Large helmets feature a fully adjustable padded dial suspension system, while extra
- large helmets use a 7 pad system for optimal fit.
- Comfortable curved closed-cell foam pads are included for added support.
- The helmet comes with an aluminium 3-point shroud suitable for mounting optics and various accessories, and it is compatible with most NVG mounts.
- External velcro loop panels are located on the top, sides, and rear for easy attachment of additional gear.
- The helmet includes NVG retention bungees to keep night vision goggles securely in place.
- For large helmets, an adjustable dial suspension is provided, while extra large helmets utilize a 7-pad system for a custom fit.

## PROTECTION

NIJ Level – IIIA





# DEMINING CLOTHING

Our demining clothing and equipment have been engineered to the latest ballistic standards whilst offering optimum comfort and protection. The range of our demining clothing includes demining suits, demining vests, demining aprons, demining visor/face shield, demining helmets, etc. Each part of demining clothing serves an important purpose as these are used for protecting the wearer from fatal injuries, or potential limb losses at work on mine survey or clearance operations. Mines are a huge threat and by wearing demining clothing lives can be protected in a practical and safe way.

## OVERVIEW

To ensure total protection, demining suit is always useful as it comprises of the vest with sleeves, collar & groin, gloves, trousers, shoes, helmet with face shield that provide head to toe protection to the wearer.

These Demining products are optimized for improved comfort by lowering the weight and enhancing durability without compromising safety to protect soldiers and individuals involved in minefield clearance. We supply our protection solutions to various safety agencies and defense customers around the world.

We use a wide variety of high-quality protective materials, including woven aramids, unidirectional high-performance polyethylene, ceramics, hybrid fabrics, etc. We also offer custom ballistic solutions designed to meet specific ballistic requirements, as well as combined integrated ballistic protection systems.



## DEMINING APRON

The Demining Apron is designed as a full fitting suit to provide maximum possible protection against fragments and explosions from detonating anti-personnel mines. The Garment design allows for inter-changeability and upgrading of Armour protection levels according to the customer's requirements.



## DEMINING SUIT

The Demining Protective gear is a lightweight protective suit, all-enveloping from head to foot, which is easy to wear but allows the wearer far greater comfort and ease of movement compared to the normal EOD suit.



## DEMINING VEST

The Demining Vest is designed to provide maximum protective coverage against fragments and explosions. It is best suited for demining operations where explosives pose a real threat. The vest is supplied with front, back, side, shoulder, neck and groin protection with the additional feature of HAP pockets.



# BALLISTIC AND FRAGMENTATION BLANKET



## OVERVIEW

A lightweight & portable ballistic and fragmentation resistant blanket, which can be configured in any shape and size, can be easily folded over, or placed on top of any ballistic threat. It gives emergency protection against blasts and fragments in the event of an explosive device detonating before it can be neutralized. It is quick & effective against most pipe bombs, hand grenades and fragments caused by pressure or electrical explosions.

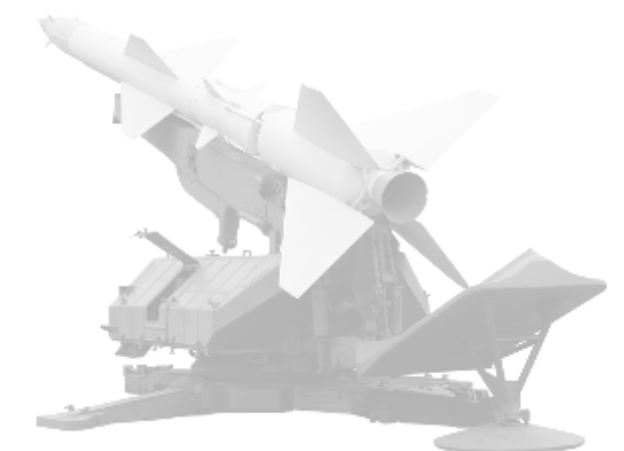
## FEATURES

- Bomb Blanket is available in different sizes as per the customer's requirement.
- The Blast Containment Ring/safety circle is also made of Aramid fabric.
- The bomb blanket is made with multiple layers of treated Aramid fabric.
- Bomb blanket is sewn into a water repellent cover.
- The weight of the Bomb Blanket is such that it can be carried by one person.

## PROTECTION

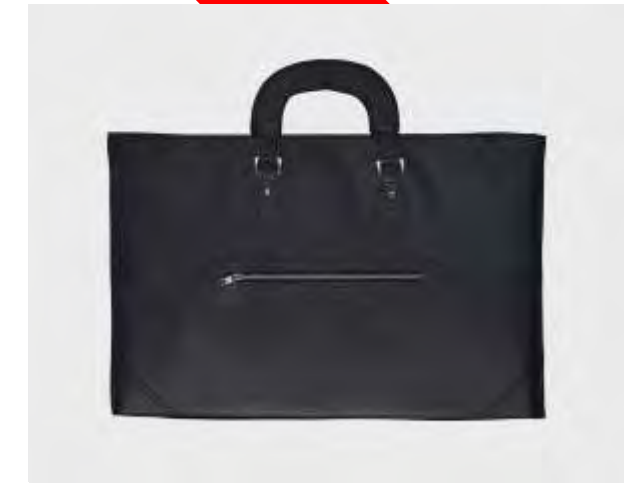
- V50 – 400m/s
- V50 – 500m/s
- V50 – 600m/s
- V50 – 650m/s

Also Protects against 9mm FMJ, .357 Magnum & .44 Magnum Bullets.





# BALLISTIC BRIEFCASE



## OVERVIEW

Ballistic Briefcase also known as folding shield is a discreet close protection and a rapid-deployment solution. Its non-threatening appearance and easy carry feature makes it ideal for executives, close protection officers and VIP bodyguards. It can be unfolded rapidly with one hand to provide a sizeable line of defense for ballistic and fragmentation threats.

## FEATURES

- Protection Level: NIJ Level IIIA including Machine PISTOL 5 (MP-5).
- SAP Material: Polyethylene fibers (High Quality, Light Weight and weatherproof)
- SAP Thickness - 10mm
- Dimensions: - Foldable form: 50cm x 35 cm x 5 cm Extended form: 105cm x 50cm
- Weight: Approx 3.5 kgs. +/- 5%
- Protection Against Pistols and revolvers with 9mm Bullets.
- Have suitable provision to open with a quick release of folds to provide ballistic protection.
- The cover is made of good quality leather.
- It opens with a flip with a quick release of fold up for ballistic use, for holding in a closed position light weight small-size magnets are used.
- Comfortable carrying handles for holding the shield for extended hours of use and strong enough to take jerk of operational use multiple times.
- Warranty for the Ballistic Material: 05 years against manufacturing defect/improper workmanship.

## PROTECTION

Level IIIA- 9mm





# TACTICAL GEAR

## YOUR TACTICAL PARTNER IN EVERY MISSION

Precision, durability, and reliability are essential components of tactical operations. At Indian Armour, we understand the needs of customers who desire tactical equipment that excels in high-stakes situations. Our meticulously crafted range of tactical gear is made to meet the standards of the military, law enforcement, and adventure lovers. Our product line's technical superiority makes sure you are prepared for any mission.

## TACTICAL BELT: BUILT TO BEAR THE LOAD

An essential part of your load out is the Indian Armour Tactical Belt. It features safe attachment points for holsters, pouches, and more and is built for outstanding load-bearing capacity. Its fast-release mechanism ensures swift adjustment in dynamic circumstances.



## TACTICAL TROUSERS: TREAD CONFIDENTLY

Our tactical trousers are designed with state-of-the-art materials that offer great durability without compromising mobility. Multiple pockets and reinforced stitching guarantee you have easy access to necessary tools and equipment, while the fabric's moisture-wicking qualities keep you comfortable in any environment.

## MILITARY SHOES: EVERY STEP MATTERS

Our military footwear is designed to survive the most difficult terrain. They offer stability and comfort with their reinforced soles and ankle support, allowing you to focus on your task without being distracted by tired feet.



## RUCKSACK 100 LITRE: PACK IT ALL

For extended missions, the 100-litre rucksack is your ideal travel partner. For ultimate comfort, it includes various compartments, reinforced straps, and an ergonomic design. You can carry everything you need for lengthy deployments with no compromises thanks to their tough structure.

## FIRST AID KIT

The Individual First Aid Kit provides an individual with the capability to tend to people in the field who have suffered from traumatic injuries. It increases the survivability of the individual and contains several medical items inside a rugged first aid pouch.





# SMART SOLUTIONS FOR PLATFORM PROTECTION

## Smart Solutions for Platform Protection

At Indian Armour, we specialise in offering state-of-the-art intelligent solutions for vehicle, naval, and aircraft armour. We are dedicated to providing the highest level of safety and security for your valuable assets using our cutting-edge technologies and knowledge.

## VEHICLE ARMOUR

### Secure Your Ride With Armoured Confidence

We specialise in offering a variety of advanced vehicle armour systems. It is essential to invest in strong and dependable armour given the growing risks that both personal and commercial vehicles must contend with. Our team of professionals works directly with clients to comprehend their particular demands and provide solutions that are specifically tailored to fit those objectives. Our vehicle armour solutions range from private automobiles to business fleets, armoured trucks, and SUVs, and are made to withstand a variety of ballistic and explosive threats. You can rely on Indian Armour to offer you the best possible protection for your valuable assets.



## NAVAL ARMOUR

### Navigate Threats With Advanced Solutions

Protecting naval vessels is crucial when it comes to naval operations. Modern naval armour solutions that Indian Armour offers increase the capabilities of naval fleets to withstand contemporary threats. Our capabilities include designing and integrating armour systems that guarantee the security of the crew and essential equipment on board. Our naval armour solutions are specifically designed to offer unrivalled protection since we have a thorough awareness of the increasing security problems encountered by maritime forces. Count on Indian Armour to protect your naval resources and give you the confidence to carry out your missions.



## AIRCRAFT ARMOUR

### Conquer The Airspace For Aerial Supremacy

Having adequate armour systems for aircraft is crucial in a time when aerial threats are growing more sophisticated. Modern aircraft protection options from Indian Armour are strong yet lightweight. Our solutions are built to withstand a variety of dangers and offer improved protection for personnel and aircraft during crucial operations. Because we recognise how important it is to reduce weight while keeping maximum strength, our aircraft armour solutions are created using advanced materials and state-of-the-art engineering methods. Indian Armour provides specialised aircraft coatings in addition to our aircraft armour solutions. These coatings give aircraft surfaces an additional layer of defence against corrosion, abrasion, and environmental factors. You can assure the safety and robustness of your aircraft in difficult circumstances using Indian Armour's modern solutions.