

VIC MAC CORPORATION

An ISO 9001:2015 Certified Organization
Plot 265, Phase VI, Udyog Vihar, Gurugram, Haryana 122001, India

BULLET PROOF JACKET NIJ LEVEL III

Personal Body Armour

PRODUCT OVERVIEW

The Bullet-Proof Jacket system comprises an outer carrier, two removable Soft Armour Panels (SAPs) and two removable Hard Armour Plates (HAPs). The SAPs provide NIJ Level IIIA protection to the front and back torso, neck, collar, shoulders and groin, while the composite HAPs provide Level III rifle protection in conjunction with the SAPs against the specified 7.62 x 51 mm NATO FMJ, 7.62 x 39 mm and 5.56 x 45 mm steel-tip threats. The system is designed for upper-torso coverage, body-contoured fit, freedom of movement and improved load distribution around the waist.

KEY FEATURES

- Outer carrier with two removable Soft Armour Panels and two removable Hard Armour Plates.
- Soft Armour Panels provide NIJ Level IIIA protection to the front/rear torso, neck, collar, shoulders and groin.
- Composite Hard Armour Plates provide Level III rifle protection in conjunction with the Soft Armour Panels.
- Specified HAP threats: 7.62 x 51 mm NATO FMJ, 7.62 x 39 mm ammunition and 5.56 x 45 mm steel-tip rounds.
- Curved hard armour plates and waist-based load distribution support mobility and wearer comfort.
- High-tenacity, heavy-duty, abrasion-resistant PU-coated Nylon outer carrier for Indian heat, rain and humidity.
- Minimum 10 cm waist belt / Kamarbandh with ridge-ventilation fabric; Velcro fasteners specified to IS 8156-1994.
- External magazine and grenade pockets provided; provision for side plates available on user requirement.

TECHNICAL SPECIFICATIONS

Parameter	Corrected Specification from Source
System Construction	Outer carrier + 2 removable SAPs + 2 removable HAPs
Testing / Reference Standard	NIJ Standard 0101.06, updated revision A & B - as stated in source specification
Soft Armour Protection	NIJ Level IIIA
Soft Armour Threat	9 x 19 mm Parabellum ammunition fired from a sub-machine carbine; 5 m test distance stated in source
Soft Armour Material	Aramid / suitable ballistic material; sealed in water-repellent PU-coated Nylon fabric
SAP Area of Protection	Standard: min. 0.55 sq m Large: min. 0.60 sq m; inclusive of front, rear, groin, collars and shoulders
Trauma / Back Face Signature	Not to exceed 44 mm, as stated in the product specification
Hard Armour Protection	NIJ Level III in conjunction with Soft Armour Panel
Hard Armour Threats	7.62 x 51 mm NATO FMJ; 7.62 x 39 mm (source excludes Indian-origin ammunition); 5.56 x 45 mm steel-tip
Hard Armour Plate	Ballistic-grade composite; curved body-contour profile; min. 305 x 254 mm with appropriate chamfer cut
Outer Carrier	High-tenacity, heavy-duty, abrasion-resistant PU-coated Nylon; camouflage or plain colour as required
Waist Support	Min. 10 cm Nylon / Polyester belt or Kamarbandh; designed to transfer weight to the waistline
Panel Configuration	SAPs and HAPs removable from outer carrier; protective water-repellent / PU-coated covering specified
Side Plate Provision	Provision for side plates; camouflage / plain finish and colour as required by the buyer.
Total Weight	Standard: <= 7.0 kg + 3% manufacturing tolerance Large: <= 7.2 kg + 3% manufacturing tolerance

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APPLICATIONS

- Armed forces
- Police and paramilitary
- High-threat security duties
- Tactical and field operations

CONFIGURATION NOTES

- Level III rifle protection is provided by the hard-armour plates in conjunction with the Level IIIA soft-armour panels.

COMMERCIAL AND TECHNICAL TERMS

Specifications shown are common or indicative configurations. Final dimensions, protection level, materials, testing, warranty, delivery schedule, price, GST and freight are governed by the approved quotation, purchase order and applicable test certificate.

Price on request. Contact VIC MAC Corporation with the required quantity and configuration.