

MODULAR BODY-ARMOR

> MODULAR BODY ARMOR / RMR-4

INFO

The Modular Body-Armor designed to give the user maximum cover area while still maintaining light and flexible design. The detachable parts of the vest allow fast adaptation of the vest for any kind of mission. The vest also features a grid of MOLLE webbing on the front, back, and sides for the attachment of modular Pouches and accessories.

The front and back sides of the vest equipped with an integral pouch for additional armor plats for a level 4 protection.

APPLICATIONS

Bomb squad
Infantry
Army
Guards
Police



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> FEATURES:

Total weight - 5.9kg±5%

Ballistic panels protection inside the front and back of the vest.

Detachable ballistic sleeves for arms protection.

Fully adjustable waist belt with 4 rows of 1" MOLLE webbing cross straps for attaching pouches.

6 rows of 1" MOLLE webbing cross straps on front and back for attaching pouches.

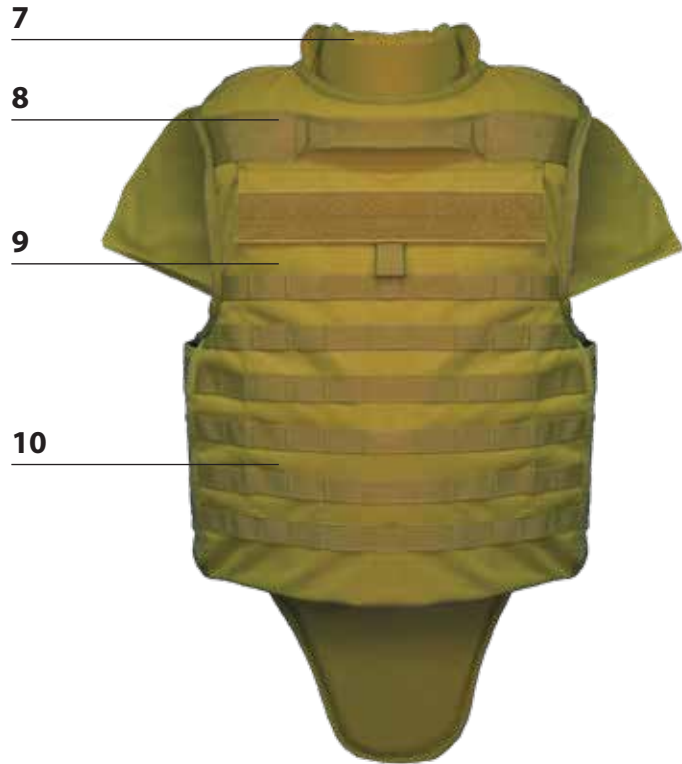
Ballistic panels protection for neck, torso and upper arms.

Groin Ballistic panel provide extra protection for the lower body parts.

MODULAR BODY-ARMOR

> VEST ASSEMBLY

TEXTILE FEATURES



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> PROTECTION PANEL SPECIFICATIONS

1	Neck panel- Front	8	Reinforced rescue handle
2	Single-handed quick-release system	9	External pouch for armor plate- Back / 250x300mm
3	Arm panel	10	
4	External pouch for armor plate- Front / 250x300mm		
5	Waist belt		
6	Groin panel- Lower body guard		
7	Neck panel- Back		

MODULAR BODY-ARMOR

> MODULAR COMPONENTS

FRONT SIDE

1	Neck panel- Front / 250x100mm
2	Arm panel / 200x250mm
3	Vest panel- Front / 650x600mm
4	Groin panel / 350x250mm

5



> MODULAR COMPONENTS

BACK SIDE

5	Waist belt / 200x350mm
6	Neck panel- Back / 400x100mm
7	Vest panel- Back / 650x600mm

1

2

3

4

5

6



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MODULAR BODY-ARMOR

> QUICK RELEASE SYSTEM

INFO

A key design feature for the **Modular Body-Armor** is that the entire armor system is able to be released with the pull of a hidden handle. The armor then falls apart into its component pieces, providing a means for escape environment. The hidden release handle also allows medical personnel easier access to a casualty.



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> OPERATING THE QUICK RELEASE SYSTEM

On the Back of the vest, in a concealed panel lies an intricate weaving of both the shoulder straps and waist belt.

By pulling the quick release handle the user activate a simple, yet brilliant mechanisms.

The end of the Handel blocks the weaving from being untangled, pulling it, release this weaving and allow the parts of the vest to be separated.



MODULAR BODY-ARMOR

> ARMOR

BALLISTIC PANELS- FRONT

1	Neck panel- Front / 230x80mm
2	Arm panel / 200x250mm
3	Vest panel- Front / 630x490mm
4	Groin panel / 240x280mm

Front panels total weight- 2.11kg±5%

> ARMOR

BALLISTIC PANELS- BACK

5	Neck panel- Back / 390x80mm
6	Shoulders panel / 250x80mm
7	Vest panel- Back / 630x490mm

Back panels total weight - 1.89kg±5%



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> ARMOR

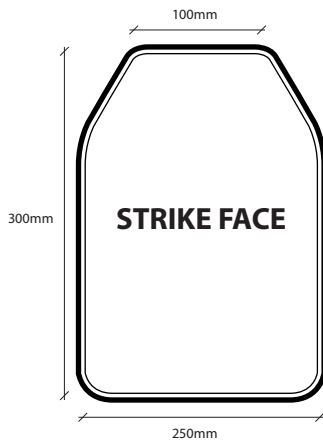
ARMOR PLATE

The Armor plate is designed to stop a .30 Caliber AP and AP m2 according to NIJ IV. The ballistic test is according to NIJ STD 0101.06 with a single shot. The Ballistic hard armor plate is in a multi curve and has a weight of $2.45\text{kg} \pm 0.5\%$.

The Armor plate is tested against the following threats:

- 7.62x51 NATO, M80 (NIJ level 3 0101.06)
- 7.62x39 MSC (NIJ level 3 0101.06)
- 5.56x45 SS109 (VPAM Classes 7)
- 7.62x63 M2 AP (NIJ level 4 0101.06)

PLATE DIMANTIONS



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> OPTIONAL FEATURES

MOLLE POUCHES

The MOLLE Pouches are made from tough yet lightweight fabric with an internal water resistant PU coating. Designed for professional users requiring the extra quality that guarantees they are fit for purpose and will not let you down when you need them the most. Reinforced zips and track with paracord pulls for use while wearing gloves.

POUCH DESCRIPTION

1	Radio pouch
2	2 x Magazine pouch
3	Radio pouch
4	Utility pouch
5	First AID kit
6	Utility pouch



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> INFO

BALLISTIC HELMET LEVEL IIIA

The helmet is a brand-new design which offers superior stability and comfort and also uses four bolts. Ballistic performance to NIJ IIIA. Very high fragmentation protection with a V50 well over 2150 ft/sec (650 m/sec.) UHD molding technology with blunt trauma up to 50% less than conventional products. Lighter weight - at least 15% less than standard products. Superior comfort with the latest internal harness design. Improved head stability with a unique 4-point harness. Synthetic leather cover on the sides protect from acid pouring. Textile Helmet-Cover.

SPECIFICATIONS

Size	L
Weight	1.45kg±0.5%
Protection	9mm
Shape	PAZGAT



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