

ELMON NIJ III-A hybrid body armor, weighing less than 2 kg!



ELMON Co. is a NATO –approved and ISO 9001 –certified Greek company, located in Athens manufacturing modern body armor for law-enforcement and military use. ELMON uses world known best materials and an innovative approach to product development. By this ELMON has achieved the position as a main supplier for the ballistic vests for many special units and governmental customers, including the Greek police and military.

The ballistic materials used in this new hybrid vest are from well-known leading suppliers. The secret of the light weight and flexibility is the way by which ELMON has combined and structured the ballistic protection materials in order to create a record-breaking NIJ III-A covert vest. The heart of the vest is a combination of 3 well-known materials, which all have already been used for ballistic protection for more than 10 years. There will be no surprises using these materials.

ELMON III-A hybrid vest protection level:

- hand grenade (DM51 A2: at distance > 2,5 m)
- knife protection HOSDB Part 3 S1/G: energy 20 J
- ballistic protection NIJ 01.01.04 (.05) level III-A
- Tokarev steel (NIJ 01.01.04 special test)
- Ø 9 mm V50: 504 m/s
- needle protection VPAM KDIW 2004: 2,5 J

Official test data is available to see for governmental and law-enforcement customers.

The shape of the vest is ergonomic and the protection area covers sides as well as the neck area both in front and also in the back. FinSec has been closely involved with the development of the outer carrier.

Key features of the carrier:

- Inside lining: 3D Spacetec keeps the vest 2-3 mm away from the body and allows ventilation
- 3D Spacetec has antibacteria treatment in order to prevent odor and bacteria growth
- Inner lining is flexible and helps to absorb impact
- Carrier brings the ballistic panels together from the sides in order to give extra side protection
- Neck area has V –shape in the front in order to help concealing the vest under shirt/jacket
- Carrier outer part is made of Coolmax and it is light, durable and breathable
- Shoulder straps are adjustable and the waist straps are elastic to optimize the fit
- Carrier has inside pockets both in front and back for 250 x 300 mm ballistic armor extra plates
- Velcro used is in compliance with MIL F 21840
- Removable inside pants –holders are included (not in the picture)
- Soft Dyneema/Parax aramid –plates are available for comfortable and easy protection upgrading

Guarantee for the carrier textile is 3 years and for the ballistic protection 6 years from the manufacturing. Large variety of different carriers and colors are available. Carrier customizing is possible for larger than 50 pcs orders.

Price: III-A hybrid vest price has not yet been confirmed. Availability: starting june-july 2010.

ELMON and FinSec offer you a large selection of ballistic and security products.

Please contact us and we will tell you more about our products and service!

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