



**NMT
PROTECTIVE
SOLUTIONS LTD**

protecting our heroes

BODY ARMOUR

www.nmtprotectivesolutions.com



**MADE IN
NIGERIA**

BODY ARMOUR



VESTS | HELMETS | PANELS

NMT Protective Solutions is a subsidiary company of Nigeria Machine Tools Ltd, an ISO-certified Nigerian indigenous company established by the Nigerian Government in 1980 and subsequently privatised in 2007. It specialises in the production of personal protective equipment in the form of ballistic vests, helmets and panels or plates. The company comprises a Head Office in Lagos and a vast factory in Osogbo, Osun State in Western Nigeria.

We offer ballistic vests for your personal protection and for specialized defensive purposes. Where your product choices or specifications fall outside the wide range we have on offer, our designers are ready to customise or adapt models to suit your specific requirements. We make every effort to satisfy our customers with high quality, cost-effective products, delivered on schedule.

Our products are manufactured from high quality materials that have been tested and internationally certified.

These ballistic products are manufactured using state-of-the-art technology from ultra-light ballistic materials such as Kevlar Aramid Fibres, Ultra High Molecular Weight Polyethylene (UHMWPE) Fibre or a combination thereof.

NMT Protective Solutions conducts regular market research exercises ranging from country profiling (political stability, potential threats, and country defense expenditures) to gather information on the latest advanced technologies for ballistic protection materials.

This ensures we provide our clients with the best ballistic protection possible.



In catering to the needs of our clients, we customize our solutions based on certain criteria which include:

- The type of situations or threats faced
- Comfort and temperature requirements
- The type of use/situations involved, such as tactical or patrol
- The overall weight requirements, particularly when coupled with hard ballistic plates
- The type of body coverage required, for example groin area, shoulders, and arms
- The desired level of discretion, for example concealable, desert camouflage or jungle camouflage

NMT Protective Solutions' ballistic vests are authentic and verified, as a result of their high mobility and maximum personal protection levels. All our vests contain special anti-trauma foam inserts and anti-shock sheets in every soft ballistic pocket to ensure added comfort and to minimize potential trauma wherever possible.

Other products produced by NMT Protective Solutions include gloves, casings (e.g. side holsters, clip-on pockets) and transportation bags.

Our products have been manufactured and tested in compliance with the American Standard NIJ 0101.04

The range of models produced or supplied By NMT Protective Solutions include concealed vests, external vests with M.O.L.L.E system, external C.I.R.A.S vests and external tactical vests.



C.I.R.A.S

MODEL NGV 420

Special C.I.R.A.S Vest

The C.I.R.A.S (Combat Integrated Releasable Armour System) Vest is counted among our newest range of products. Its single-release cable allows the user to jettison all ballistic gear in one single action should the need arise (e.g. due to injury or the need to move quickly). The shoulders are covered in anti-slip material with a recoil pad. The vest size is adjustable at the shoulders and sides.

Ballistic protection level:

Level IIIA, Level IV in conjunction with additional hard ballistic plate.

Ballistic materials

Aramid fiber (Kevlar, Twaron)
UHMWPE (Dyneema, Spectra, etc.)

Cover material:

100% cotton
100% polyester
100% polyamide
Blended fabrics also available

Colours:

Green Camouflage, Desert Camouflage,
Black, Blue.
(Other colours are available)

Extra features or accessories:

Pockets for additional hard ballistic plates (front and back), transport bag, ballistic plates, neck protector, groin protector, sleeve protectors, lumbar protector.

Standard sizes:

S, M, L, XL, XXL



C.I.R.A.S

MODEL NGV 430

Special C.I.R.A.S Vest

The C.I.R.A.S (Combat Integrated Releasable Armour System) Vest is counted among our newest range of products. Its single-release cable allows the user to jettison all ballistic gear in one single action should the need arise (e.g. due to injury or the need to move quickly). The shoulders are covered in anti-slip material with a recoil pad. The vest size is adjustable at the shoulders and sides.

Ballistic protection level:

NIJ Level IIIA; Level IV in conjunction with additional hard ballistic plate.

Ballistic materials

Aramid fiber (Kevlar, Twaron)
UHMWPE (Dyneema, Spectra, etc.)

Cover material:

100% cotton
100% polyester
100% polyamide
Blended fabrics also available

Colour of covers:

Green camouflage, Desert camouflage,
Black, Navy blue
(Other colours are available)

Extra features or accessories:

Pockets for ballistic plates (front and back), transport bag, ballistic plates, neck protector

Standard sizes:

S, M, L, XL, XXL



MODEL NGV 150



The NGV 150 is specifically designed for tactical use. It contains several pouches that are strategically placed on the vest for carriage of extra items such as knives and other tools. The pouches are permanently attached to the vest, leaving little room for displacement during sudden, rapid movements, thereby making this vest ideal for use in combat situations. It is designed as a pullover vest, making it easy to wear in emergency situations. The vest is made with side-adjusters for the wearer's comfort, and also contains pockets for additional hard ballistic plates in the front and at the back.

Ballistic protection level:

NIJ level IIIA, IV in conjunction with ballistic hard plates

Ballistic materials:

Aramid fiber (Kevlar, Twaron)
UHMWPE (Dyneema, Spectra, etc.)

Cover material:

100% cotton
100% polyester
100% polyamide
Blended fabrics
Other materials can be used according to customers' specifications

Colours:

Black, other materials/colours available according to customers' specifications

Extra features or accessories:

Transport Bag Ballistic Plates

Standard sizes:

S, M, L, XL, XXL

INTERNAL EXTERNAL VEST MODEL NGV 200

"Cross-over" vest

As one of our simpler vests, the NGV 200 is used as outer wear but can be modified for use as a concealable vest. It comes in two types offering two different protection levels; Type I with pockets for hard ballistic plates (protection level IV), and Type II without pockets (protection level IIIA). Its wear face includes a mesh layer for aeration and comfort purposes, making it ideal for longer-term use.

Ballistic materials

Aramid fiber (Kevlar, Twaron)
UHMWPE (Dyneema, Spectra, etc.)

Cover material:

100% cotton
100% polyester
100% polyamid
Blended fabrics

Colours:

Green camouflage,
Desert camouflage, Black,
White or any other colour as specified

Standard sizes:

S, M, L, XL, XXL



M.O.L.L.E

MODEL NGV 320

M.O.L.L.E (Modular Lightweight Load-carrying Equipment)

Another style of vest in our M.O.L.L.E range, this "crossover" vest may be used in both patrol and tactical situations. It provides full coverage at the front, back and sides. Pouches may be placed anywhere on the vest, allowing them to be changed around or others added to suit combat tactics. Its variable design allows the vest to be attached precisely to the body at the shoulder and sides, while its inner elasticised fasteners allow for a more secure fit around the waist. This vest contains pockets for additional ballistic panels (front and back).

Ballistic materials

Aramid fiber (Kevlar, Twaron)
UHMWPE (Dyneema, Spectra, etc.)

Ballistic protection level:

NIJ LEVEL IIIA; Level IV in conjunction with hard ballistic plate

Cover material:

100% cotton
100% polyester
100% polyamide
Blended fabrics

Other materials can be used according to customers' specifications

Colours:

Green camouflage, Desert camouflage,
Black, Navy blue (Other colours are available)

Extra features or accessories:

Transport bag

Standard sizes:

S, M, L, XL, XXL



M.O.L.L.E

MODEL NGV 330

Ballistic and tactical army vest in one.

The M.O.L.L.E system enables pouches to be placed anywhere on the vest, allowing them to be changed around or others added to suit combat tactics. Its variable design allows the vest to be attached precisely to the body at the shoulder and sides. This vest contains pockets for additional ballistic plates (front and back).

Ballistic materials

Aramid fibres
Kevlar Ultra High Molecular Weight
Polyethylene (UHMWPE)

Ballistic protection level:

NIJ LEVEL IIIA; Level IV in conjunction with hard ballistic plate

Extra features or accessories:

Transport bag, neck protector, groin protector, sleeve protectors, lumbar protector.

Cover material:

100% cotton
100% polyester
100% polyamide
Blended fabrics

Other materials can be used according to customers' specifications

Colours:

Green camouflage, Desert camouflage,
Black, Blue (Other colours are available)

Standard sizes:

S, M, L, XL, XXL



MODEL NGV 240

Features of vests:

The NGV 240 provides maximum protection for the upper torso with full coverage at the front, back and sides. It is equipped with pockets for additional hard ballistic plate inserts at the front and back.

The vest is adjustable at the shoulders and offers neck and groin protection. The bottom edge of the front is shaped to avoid vest displacement when seated. The internal part of the vest is made from material containing cooling properties (COOLMAX™). The NGV 240 is therefore specifically designed to ensure high comfort for prolonged daily usage in hot climates, making it ideal for use in patrol situations.

The front and back are designed with pockets for hard ballistic plate inserts in order to achieve the NIJ protection level required.

Ballistic protection level:

NIJ Level IIIA; Level IV in conjunction with additional ballistic hard plate

Extra features or accessories:

Groin protector, neck protector, sleeve protectors, ballistic plates, transport bag

Colours:

Black, navy blue
(Other colours also available)

Standard sizes:

S, M, L, XL, XXL

MODEL NGV 250

The NGV 250 is specifically designed for tactical use. It is composed of two parts (one front, one back) that are Velcro-zipped over the shoulder, with a two part removable collar. This model has a flexible fastening system that allows for a snug fit to ensure greater comfort.

The removable collar is fastened to the vest with several Velcro strips. This model provides for a greater protective surface and it is designed to provide ballistic protection around the shoulders. Apart from the neck opening the vest is border-trimmed on all sides. The vest can be supplemented with a removable Velcro-attached groin protector

Ballistic protection level:

NIJ Level IIIA; Level IIV in conjunction with ballistic hard plate

Ballistic materials

Aramid fiber (Kevlar, Twaron)
UHMWPE (Dyneema, Spectra, etc.)

Cover material:

100% cotton
100% polyester
100% polyamide
Blended fabrics

Colour of covers:

Green camouflage, Desert camouflage, Black, Navy blue (Other colours are available)

Extra features or accessories:

Pockets for hard ballistic plates (front and back), Transport bag, ballistic plates, neck protector, groin protector, sleeve protectors

Standard sizes:

S, M, L, XL, XXL



TACTICAL VEST MODEL NGV 260



The NGV 260 is designed for tactical use. It is a multifunctional vest with pockets for storing extra items such as cartridges, radio, and other tools.

The pouches are permanently attached to the vest, leaving little room for displacement during sudden, rapid movements, thereby making this vest ideal for use in combat situations.

The vest is made with side adjusters for the wearer's comfort, and also contains pockets for additional dummy plates in the front and at the back.

Non-Ballistic Materials:

Foam

Colours:

Other Materials can be used according to customers specifications

Standard Sizes:

S, M, L, XL, XXL



DUMMY PLATE

Plate Type:

Dummy Wooden Plate

Dimension:

10 x 12 inch

Material:

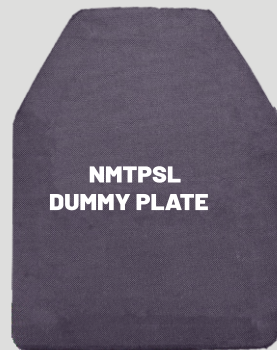
Wood and Foam

Weight:

1.4 - 2.4 kg

Labeling:

Front part is labeled "DUMMY PLATE"



TRAINING HELMET

Features:

Light Weight
Foam Cushioned
UV Resistant
Water Resistant

Weight:

0.9 - 1.4 kg

Colours:

Olive Green, Navy Blue & Black



INTERNAL VEST MODEL NGV 110

This protective vest is designed to be used as inner wear. The NGV 110 is part of our latest range of ballistic vests, designed with 3D thermoregulation ply to ensure adequate ventilation for the wearer, thereby decreasing the likelihood of overheating. The NGV 110 is specifically designed for prolonged daily use and is perfectly ideal for use in hot climates. This is the most comfortable vest of its kind, which allows adaptation to customers' needs particularly in the shoulder and side regions.

Ballistic protection level:

NIJ Level IIIA; Level IV when used in conjunction with NGV 100 (ballistic plate carrier).

Ballistic material:

Aramid fiber (Kevlar, Twaron)
UHMWPE (Dyneema, Spectra, etc.)

Cover material:

100% cotton
100% polyester
100% polyamid
Blended fabrics

Colours:

White, Black, Beige, Brown.
(Other colours also available)

Extra features or accessories:

Transport bag

Standard sizes:

S, M, L, XL, XXL



BALLISTIC PLATE

MODEL III. + STAND ALONE
(7,62x51; 7,62x39; AK-47, M 16)

S.A.P.I (Small Arms Protective Insert)
carrier plate

Ballistic Protection level:
NIJ LEVEL III

Labeling:
Front part is labeled "strike face"

"Wear face" is labeled with the manufacturer's name, country of origin, date of manufacture, protection level and serial number.

Material:
Polyethylene

Dimensions:
Approx. 25 x 30cm

Weight:
1.5 - 2.5 Kg

Design:
Single or double curved



MODEL IV.

S.A.P.I (Small Arms Protective Insert)
carrier plate

Ballistic Protection level:
NIJ LEVEL IV (stand alone or (ICW in conjunction with ballistic vest with protection level IIIA)

Labeling:
Front part is labeled "strike face"

"Wear face" is labeled with the manufacturer's name, country of origin, date of manufacture, protection level and serial number.

Material:
Ceramic/ Aramid/ PE composite

Dimensions:
Approx. 25 x 30cm

Weight:
2 kg - 3.2 Kg

Design:
Single or double curved



BALLISTIC PLATE CARRIER MODEL NGV 100



This vest may be used for a variety of purposes, either in conjunction with NGV 120 or 110 (concealable vests) in order to increase protection level from NIJ Level IIIA to Level IV or on its own, in cases of emergency where the wearer may be in need of a more simple, easy-to-attach vest. The carrier can contain two ballistic Level IV stand alone plates, one in front and one at the rear. Its inner face is made with mesh-like material with large holes, allowing for more air circulation, resulting in more comfort for the wearer. It may also be used as a storage option for hard ballistic plates.

Cover material:

100% cotton
100% polyester
100% polyamid
Blended fabrics

Colours:

Black, White.
(Other colours are available)

Standard sizes:

S, M, L, XL, XXL



NGV F20

FLOATATION VEST

The NGV F20 Floatation vest is a versatile Level IV ballistic vest with the addition of hard armor plates. The enhanced floatation capability ensures to keep a seriously wounded body on the water surface. The floatation vest carrier is constructed with high strength light weight rip stop nylon which is water proof, highly durable and resistant to tear.

Features:

- Protection Level III A and IV
- Extensive Upper Body Protection
- Water-repellent outer shell fabric
- Pockets for additional Hard plate
- No inflatable shells
- Minimum Buoyancy 100N
- Drag/Pull out Handle





PASGT (LEVEL III A) HELMET

Our PASGT (Personal Amour System Ground Troops) Helmet is a high-performance light weight Helmet constructed utilizing advanced aramid and ballistic polyethylene materials

Helmet comes standard with PASGT shape with or without bolt configurations.

Features:

- Light weight
- Full Frontal Protection
- Protection Level III A
- Leather and Foam cushioned
- Temperature Resistant
- UV Resistant
- Water Resistant

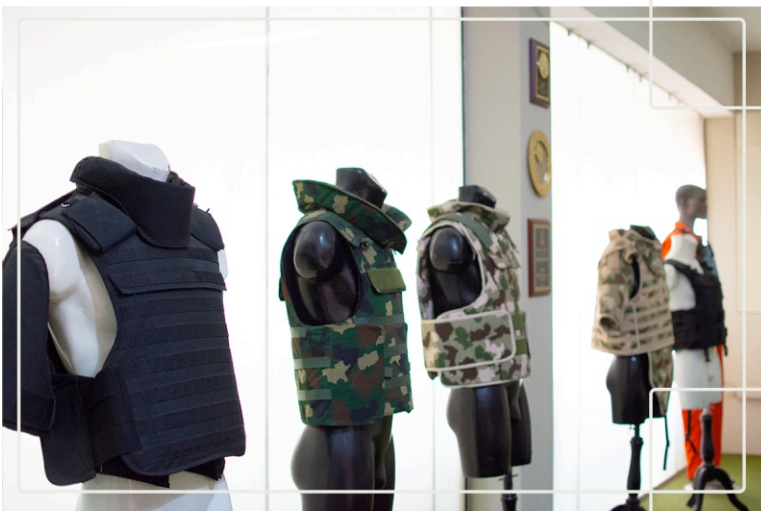
Weight:

1.4 kg - 1.5 kg

Colour:

Olive Green, Navy Blue & Sand Colour





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