

T:3000

MILITARY PROTECTION AND EQUIPMENT

Battle tested



Bulletproof plate
Ceramics



Bulletproof vest
Tactical



Aura Helmets
Protective



Load bearing
Belt



Backpack
Patrol



Suit
Combat



Coveralls
Tactical



Bag
Utility

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NIJ, DSTU

From UHMWPE ballistic plates to ceramic systems – each unit of our products is designed according to NIJ 0101.06 standards for modern combat conditions. We guarantee minimal injury from penetration and material durability in extreme conditions.

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01 Armor plates

(protection level III, IV according to NIJ 0101.06 standard) and also Stand-Alone plates



UHMWPE BALLISTIC PLATES (ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE)

Protection Level:
III NIJ Standard 0101.06 (USA)

◆ Material	UHMWPE
◆ Protection Area	7.05 dm ²
◆ Dimensions	250 x 300 x 24 mm
◆ Weight	1.5 ± 0.1 kg

◆ **Design Options**

Plates are manufactured according to the Customer's requirements with either single-curve or multi-curve (perimetric) ergonomics



CERAMIC BALLISTIC PLATES

Protection Level:
III (NIJ Standard 0101.06)

◆ Material	Ceramic / Silicon Carbide (SiC) + UHMWPE
◆ Protection Area	7.05 dm ²
◆ Dimensions	250 x 300 x 20 mm
◆ Weight	1.8 ± 0.1 kg



Protection Level:
III (NIJ Standard 0101.06)

◆ Material	Ceramic / Silicon Carbide (SiC) SA (Stand Alone) + UHMWPE
◆ Protection Area	7.05 dm ²
◆ Dimensions	241 x 318 x 18 mm
◆ Weight	1.9 ± 0.1 kg

01 Armor plates



Protection Level: III (NIJ Standard 0101.06)

♦ Material	Ceramic / Silicon Carbide (SiC) ICW (In Conjunction With) + UHMWPE
♦ Protection Area	7.05 dm ²
♦ Dimensions	241 x 318 x 18 mm
♦ Weight	1.8 ± 0.1 kg



Protection Level: III+ (NIJ Standard 0101.06)

♦ Material	Ceramic / Silicon Carbide (SiC) + UHMWPE
♦ Protection Area	7.05 dm ²
♦ Dimensions	250 x 300 x 22 mm
♦ Weight	2.6 ± 0.1 kg



Protection Level: IV (NIJ Standard 0101.06)

♦ Material	Ceramic / Silicon Carbide (SiC) SA (Stand Alone) + UHMWPE
♦ Protection Area	7.05 dm ²
♦ Dimensions	250 x 300 x 25 mm (10" x 12")
♦ Weight	3.1 ± 0.1 kg



LIGHTWEIGHT

Protection Level: IV (NIJ Standard 0101.06)

♦ Material	Ceramic / Silicon Carbide (SiC) ICW + UHMWPE
♦ Protection Area	7.05 dm ²
♦ Dimensions	250 x 300 x 25 mm
♦ Weight	2.8 ± 0.1 kg

02 GART



The photo is for illustration purposes only. The actual appearance of the product may vary.



PURPOSE

Designed for individual ballistic protection during combat operations, special missions, and security activities.

Full Configuration (Modular Elements 1–11)

- ◆ 1. Front Panel Protection (Chest)

- ◆ 2. Rear Panel Protection (Back)

- ◆ 3. Side Protection (Lateral)

- ◆ 4. Groin Protection

- ◆ 5. Neck/Throat Protection

OPTIONAL MODULES

- ◆ Load-Bearing Belt (Battle Belt)

- ◆ Shoulder Protection

- ◆ Thigh Protection

- ◆ Forearm Protection

- ◆ Shin Protection

- ◆ Coccyx (Tailbone) Protection

02 GART

Design and Construction

- Assembly and Fastening** The elements are connected via shoulder straps and side cummerbunds. Secure fixation is achieved through **VELCRO** textile fasteners and **ROC** (Rapid Open Connector) buckles for quick release
- MOLLE System** The **MOLLE** system is integrated into all protective modules, except for the collar, shoulders, shins, and coccyx
- Volume Adjustment** A **4-point** suspension system is utilized for adjusting the vest's height and waist circumference
- Emergency Evacuation** Features an integrated, reinforced **CASEVAC**/Drag handle (25 mm webbing)

Technical Protection Specifications

Protective ballistic inserts are installed in the internal compartments of the covers

- Ballistic Protection** Protection against 9x18 mm pistol cartridges (57-N-181s APS). This performance is typically aligned with **NIJ Level IIA / II** standards for handgun threats
- Fragmentation Protection** Fragmentation resistance V50 ≥ 600 m/s, tested in accordance with **STANAG 2920** (using 1.1g FSP)
- Hard Armor Integration** External pockets allow for the installation of hard armor plates to achieve higher protection levels

Enhanced Protection Level

(Hard Armor Plates, **NIJ Level IV / STANAG 4569 Level 3**)

- Size S** Plate Area – 6.00 dm²
Weight – up to 6.0 kg
- Size M** Plate Area – 7.05 dm²
Weight – up to 7.0 kg
- Size L** Plate Area – 8.00 dm²
Weight – up to 7.8 kg
- Size XL** Plate Area – 9.00 dm²
Weight – up to 9.0 kg

Materials and Comfort

- Lining** The inner part is finished with **3D spacer mesh** and dampening inserts to minimize backface deformation (BFD) and blunt force trauma
- Ventilation** Features integrated climate-control cushioning supports (**ventilation channels**) for enhanced airflow
- Ergonomics** The **anatomical shape** of the elements ensures maximum freedom of movement and operational mobility

Basic Configuration Parameters (Front, Back, Sides)

- Size S** Protection Area – 23.82 dm²
Weight – up to 2.786 kg
- Size M** Protection Area – 32.85 dm²
Weight – up to 3.702 kg
- Size L** Protection Area – 43.44 dm²
Weight – up to 4.510 kg
- Size XL** Protection Area – 55.40 dm²
Weight – up to 5.440 kg

Additional Protection Modules (Sizes S to XL, Area / Weight)

- Groin Protection** 4,5–5,3 dm² | 0,34–0,51 kg
- Neck Protection** 4,9–5,0 dm² | 0,47–0,48 kg
- Load-Bearing Belt** 8,2–8,9 dm² | 1,05–1,11 kg
- Shoulder Protection** 7,8–8,3 dm² | 0,65–0,68 kg
- Thigh Protection** 9,0–10,0 dm² | 0,81–0,89 kg
- Forearm Protection** 13,9–15,9 dm² | 1,30–1,40 kg
- Shin Protection** 21,6–23,6 dm² | 2,00–2,20 kg
- Coccyx Protection** 5,5–6,3 dm² | 1,20 kg

Ballistic Performance

- Soft Armor Protection** NIJ Level IIA / II (9x18 mm APS)
Fragmentation resistance V50 ≥ 600 m/s
- Hard Armor Protection** Type 2, Level P
(Equivalent to NIJ Level IV / STANAG 4569 Level 3)

03 GART STORM

(modular assault body armor)

PROTECTION CONCEPT

Developed as an assault modular platform to provide mobile ballistic protection and maximum ergonomics during combat operations by special and assault units

Full Configuration (MODULAR SYSTEM 1-11)

- ◆ 1. Two-section neck and shoulder protection (neck and shoulders)
- ◆ 2. Frontal protection (chest)
- ◆ 3. Rear protection (back)
- ◆ 4. Shoulder protection (shoulder joints)
- ◆ 5. Side protection (sides)
- ◆ 6. Groin protection (groin area)
- ◆ 7. Coccyx protection (coccyx)

OPTIONAL MODULES

- ◆ Load-bearing belt
- ◆ Thigh protection
- ◆ Forearm protection
- ◆ Shin protection



03 GART STORM



Design (basic elements)

- ◆ **Frontal cover** Frontal cover with ballistic protection and internal pocket for mounting armor plate with pouches
- ◆ **Rear cover** Rear cover with ballistic protection and internal pocket for mounting armor plate, with straps and backpack
- ◆ **Cummerbund** Cummerbunds with internal compartments for ballistic packs and **SKELETON**-type system



Materials and Comfort

- ◆ **Material** High-performance **100% polyamide** fabric (**TPS-31**) with enhanced strength. Triple polyurethane coating (**3 PU**) creates a reliable barrier against moisture and wind, providing high fabric density and durability
- ◆ **Lining** **Removable** internal front and back dampers with **3D mesh**, also used on the inner side of the back straps and on the shoulder protection platform
- ◆ **Maintenance** Internal pockets for convenient replacement or inspection of ballistic elements, removable dampers on the inner side of the front and rear covers
- ◆ **Ergonomics** **Anatomical shape** of the elements ensures maximum freedom of movement in field conditions

03 GART STORM



Attachment Systems

- ◆ **MOLLE System** Integrated webbing made from the base material for attaching additional equipment
- ◆ **SKELETON System** Integrated webbing made from webbing tape for attaching additional equipment
- ◆ **Quick Release** **ROC** buckles on the cummerbunds and front cover straps made of webbing tape with hook-and-loop fastening for instant release

Specialized Additional Elements with Ballistic Protection



- ◆ **Shoulder and neck protection** Provides ballistic protection of the shoulder girdle and the rear, side, and front areas of the neck. the neck protector is attached to the collar and to the front **MOLLE** system using a **VELCRO** hook-and-loop fastener
- ◆ **anatomical shoulder pads** Contoured shoulder joint protection elements with ballistic protection and internal **3D mesh**, secured to the back straps using elastic webbing and a hook-and-loop fastener
- ◆ **Limb protection** Modules for thighs, forearms, and shins with replaceable ballistic elements. attachment via elastic straps, Fastex buckles, and tactical hooks
- ◆ **Groin protection** Provides ballistic coverage in the groin area. attached to the front cover using webbing straps. features a removable element – a pouch attached with a **VELCRO** hook-and-loop fastener and a holder made of wide elastic webbing
- ◆ **Coccyx protection** Provides ballistic coverage and additional thermal insulation for comfortable sitting. attached to the rear cover using webbing straps. features a removable element – an **IFAK** attached with a **VELCRO** hook-and-loop fastener

03 GART STORM

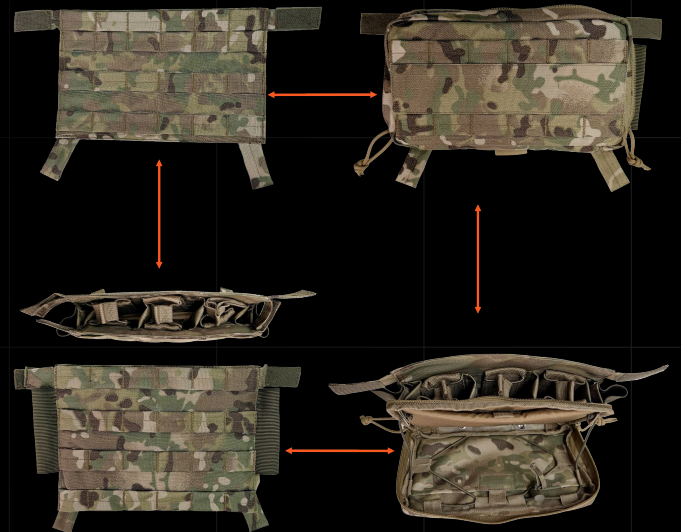


Removable Backpack

- Construction and Materials** Front fold-down panel with **MOLLE** system made from the base fabric. removable shoulder straps with damping padding and **3D mesh**, attached to the backpack using tactical hooks. internal lining and pockets made of **VELCRO** fabric for mounting two pouches made of tactical mesh
- Attachment** Secured to the rear cover using the classic **MOLLE** system with webbing straps
- Volume adjustment** Via webbing straps and fastex buckles

Intelligent modularity

- Versatility** Removable platform for configuration according to specific mission requirements
- Interchangeable elements** Interchangeable elements: front cover with **4 interchangeable elements** that can replace each other:
 - tablet and magazine pouch
 - ammunition and magazine pouch
 - magazine pouch
 - plate with MOLLE system
- Groin protection** Can be used together with a ballistic pouch attached sequentially to the front cover
- Emergency evacuation** Integrated reinforced handle on the rear cover **CASEVAC/drag handle** (made from 25mm high-strength webbing)



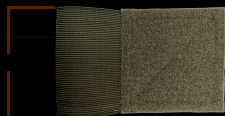
03 GART STORM

Equipment / Attachment



1. VELCRO/MOLLE shoulder

- ◆ shoulder protection
- ◆ two types tourniquet pouch/holder



2. VELCRO front

- ◆ pouch-bag



3. MOLLE rear

- ◆ backpack

backpack pouch, removable backpack pocket



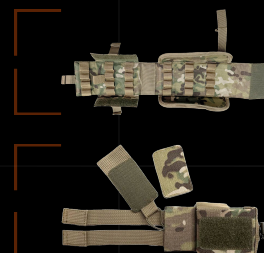
4. VELCRO front flap

- ◆ interchangeable elements
 - tablet and magazine pouch
 - ammunition and magazine pouch
 - magazine pouch
 - plate with MOLLE system



5. SKELETON (MOLLE) attachment

- ◆ grenade pouch
- ◆ ammunition pouch



6. VELCRO groin protection

- ◆ pouch-bag



7. VELCRO coccyx protection

- ◆ IFAK pouch



04 GART LIGHT



Purpose

The "GART Light" body armor is designed for high-efficiency individual protection during combat operations, tactical missions, and security activities

LIGHTWEIGHT BODY ARMOR – NEXT-GENERATION PERSONAL PROTECTION

Basic Configuration 1-5 consists of

- ◆ **Front and back panels** (main torso modules)
- ◆ **SKELETON cummerbund** (lightweight side protection)
- ◆ **Abdominal pouch** (lower abdomen protection)

Additional Modules (Optional)

- ◆ **Neck, shoulder, and groin protection, tactical belt, coccyx protection, as well as external and internal thigh protection**

Design and Fastening Features

- ◆ **MOLLE Interface** The external walls are equipped with the **MOLLE** system. The **SKELETON** cummerbund allows for the fixation of side covers on both the internal and external sides
- ◆ **Quick Release** Instant removal is achieved through **ROC** (Rapid Open Connector) buckles and reliable textile fasteners
- ◆ **Climate Control** The inner side features **3D mesh** ventilation pads that ensure moisture-wicking and air circulation
- ◆ **Evacuation Loop** Features an integrated heavy-duty **CASEVAC**/Drag loop (reinforced 40 mm webbing)

Materials and Comfort

- ◆ **Women's Variant** Additional dampening inserts are available, specifically designed to accommodate female anatomy
- ◆ **Modularity** Features internal pockets for removable soft ballistic inserts and hard armor plates
- ◆ **Ergonomics** Anatomically shaped elements ensure maximum freedom of movement and reduce fatigue

04 GART LIGHT



Фотографія наведена лише для ілюстрації.
Фактичний вигляд продукту може відрізнятися

Basic Configuration (Protection Area / Weight)

◆ **Size S**

Protection Area – 22.5 dm² | Weight – up to 2.866 kg

◆ **Size M**

Protection Area – 25.5 dm² | Weight – up to 3.105 kg

◆ **Size L**

Protection Area – 28.5 dm² | Weight – up to 3.338 kg

◆ **Size XL**

Protection Area – 31.5 dm² | Weight – up to 3.551 kg

(Data includes 3 dm² abdominal protection)

Enhanced Protection (Hard Armor Plates, NIJ Level IV / STANAG 4569 Level 3)

◆ **Size S**

Plate Area – 6.00 dm² | Weight – up to 6.0 kg

◆ **Size M**

Plate Area – 7.05 dm² | Weight – up to 7.0 kg

◆ **Size L**

Plate Area – 8.00 dm² | Weight – up to 7.8 kg

◆ **Size XL**

Plate Area – 9.00 dm² | Weight – up to 9.0 kg

Additional Protection Elements (Sizes S to XL)

◆ **Neck Protection:** 5.2 – 5.4 dm²

◆ **Shoulder Protection:** 7.8 – 8.3 dm²

◆ **Shoulder Pads:** 4.3 – 4.4 dm²

◆ **Groin Protection:** 4.5 – 6.0 dm²

◆ **Load-Bearing Belt (Tactical Protective):** 8.65 – 9.1 dm²

◆ **Coccyx Protection:** 4.55 – 6.3 dm²

◆ **Thigh Protection (External / Internal):** 9.0 – 10.0 / 17.4 – 18.56 dm²

05 GART FEM

The **GART FEM** modular body armor is designed taking into account the anatomical features of **female** service members. Its ergonomic design is proven by extensive field testing in combat conditions



Design and Ballistic Protection

◆ Modular Architecture

The vest consists of separate modules that easily adapt to the anatomy.

The base **configuration (1-3)** includes front, back, and side protection.

The system also supports **additional elements:** groin, neck, lower back, shoulder, and thigh protection

◆ Ballistic Specifications

Soft ballistic inserts are installed in the internal pockets of the covers, providing reliable protection against the 57-N181s APS cartridge bullet ($V_{50} \geq 600$ m/s).

This level of protection is designed to meet specific **STANAG 2920** or **NIJ 0101.06** standards, depending on the threat level required

◆ Enhanced Protection

Special pockets are located on the outer sides of the cover (front and back) for the installation of **hard armor elements**, which provide an enhanced level of protection upon request

◆ Equipment Integration

The **MOLLE** system, located across the entire surface of the rear sides of the elements, allows for quick and convenient integration of the necessary tactical equipment



05 GART FEM



Individual Adaptation System

◆ **Load-Bearing Belt Module** The design includes an ergonomic belt that allows for the redistribution of a portion of the body armor's weight from the shoulders to the pelvis. The outer part is equipped with the **MOLLE** system for attaching additional gear, while the inner side features a **soft dampening zone** that ensures a comfortable fit and prevents chafing during prolonged wear

◆ **Removable Dampening Modules** Special rectangular **VELCRO-mounted pads** are designed for proper and comfortable chest support. The configuration includes two different sizes of dampening inserts, ensuring an ideal fit and allowing the body armor to be adjusted to any physiological characteristics



◆ **Positioning Variability** Due to the large area of Velcro panels on the inner part, the dampers can be freely moved vertically and horizontally. This allows for precise adjustment according to shoulder width and chest features for **even distribution of plate pressure**

◆ **Ventilation Stabilization** The design of the dampers not only supports the chest but also creates additional channels for heat dissipation. This prevents overheating in areas of tight fit, maintaining **optimal thermoregulation** even when using the full protection configuration



◆ **Integrated Back Contour** The inner part of the plate carrier is equipped with a non-removable dampening system that transitions smoothly from the shoulder straps to the back. This ensures stable fixation of the product on the torso and cushions dynamic loads on the spine during intense movement

05 GART FEM



Weight and Size Specifications

- ◆ **Basic Configuration 1-3 (Front, Back, Sides)**
 - **Size S:**
Protection Area – 23.82 dm²
Weight – up to 2.30 kg
 - **Size M:**
Protection Area – 32.81 dm²
Weight – up to 3.65 kg
 - **Size L:**
Protection Area – 43.40 dm²
Weight – up to 4.56 kg
 - **Size XL:**
Protection Area – 55.42 dm²
Weight – up to 5.72 kg

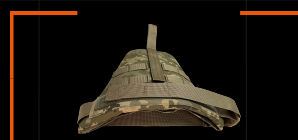
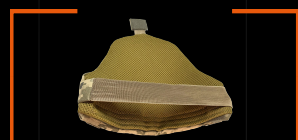


- ◆ **Enhanced Protection Level (Hard Armor Elements, NIJ Level IV / STANAG 4569 Level 3)**
 - **Size S:**
Area – 6.0 dm² Set
Weight – 6.0 kg
 - **Size M:**
Area – 7.05 dm² Set
Weight – 7.0 kg
 - **Size L:**
Area – 8.0 dm² Set
Weight – 7.8 kg
 - **Size XL:**
Area – 9.0 dm² Set
Weight – 9.0 kg

Additional Elements Specifications (Sizes S to XL)

Additional Protection (Area dm² / Weight kg)

- ◆ **Neck** · 5.23 dm² / 0.47 – 0.49 kg
- ◆ **Shoulders** · from 8.57 to 9.41 dm² / 0.77 – 0.85 kg
- ◆ **Belt** · from 8.22 to 8.91 dm² / 1.02 – 1.14 kg
- ◆ **Groin** · from 4.06 to 5.0 dm² / 0.39 – 0.48 kg
- ◆ **Thighs** · from 9.02 to 9.99 dm² / 0.88 – 0.99 kg



06 Guard +



CONCEALABLE BODY ARMOR

USA Standard (NIJ 0101.06)

- Level IIA
- Level II
- Level IIIA

- ◆ **Moisture Protection** Each flexible ballistic panel is housed in a hermetically sealed, waterproof cover
- ◆ **Plate Compatibility** Additional pockets for hard ballistic plates can be integrated upon the customer's request
- ◆ **Materials** The outer fabric is made of 100% Polyamide **TPS**

- ◆ **Design Purpose** The body armor is specifically designed for concealed carry (under-clothing use)
- ◆ **Ergonomics** The vest features enhanced ergonomics and superior low-profile performance during operational use
- ◆ **Stealth Configuration** The unique configuration of the soft ballistic panels features enlarged cutouts at the upper chest and back areas. This original design ensures maximum concealment and a seamless fit on the human torso
- ◆ **Side Protection** The soft ballistic panels are extended at the waistline to provide increased lateral (side) protection
- ◆ **Outer Carrier** The outer carrier is manufactured from a specialized pile (brushed) fiber fabric
- ◆ **Adjustment & Fastening** Waist adjustment and securing are achieved via heavy-duty elastic straps and hook-and-loop fasteners that attach directly to the pile fabric of the vest carrier
- ◆ **Protection Levels** The body armor is equipped with flexible ballistic panels available in the custom protection standards

07 Patrol



"PATROL" BODY ARMOR NON-MILITARY TACTICAL VEST

- ◆ **Type** Individual external body armor
- ◆ **Purpose** Designed to mitigate fragments / provide mobile cover, blade strikes, and edged weapons
- ◆ **Construction** Two-piece carrier with **hook-and-loop fasteners**; adjustable height and width; internal pockets for ballistic inserts
- ◆ **Materials** High-strength **TPS** outer fabric; breathable 3D mesh lining
- ◆ **Target Audience** Law enforcement, patrol officers, and security personnel



08 GUARD UNITY



"GUARD UNITY" BODY ARMOR QUICK RELEASE ADVANCED EDITION

- ◆ **Type** Individual external modular body armor

- ◆ **Purpose** Reliable multi-threat protection with high mobility. Optional removable soft ballistic packages protect against fragments, blades and edged weapons. Compatible with **NIJ Level III** hard plates

- ◆ **Construction** Two-piece carrier with **ROC quick-release system** on shoulders and quick-release cummerbund. Fully adjustable. **Skeleton** side panels for reduced weight and maximum ventilation. Full **MOLLE** compatibility

- ◆ **Included Accessories**
 - 2 removable utility pouches secured with hook-and-loop (**Velcro**) fasteners
 - 1 dedicated removable tablet / map pouch

All pouches are modular and can be repositioned as needed

- ◆ **Materials** High-strength TPS fabric, breathable 3D mesh lining, durable ROC hardware

- ◆ **Key Features & Upgrades**
 - **ROC quick-release** (shoulders + cummerbund)
 - Optional removable soft ballistic protection
 - **NIJ Level III** plate ready
 - **Skeleton** panels – lighter & better airflow

- ◆ **Target Audience** Law enforcement, security and tactical units requiring fast doffing and flexible protection



USA Standard (NIJ 0101.06)

- Level IIA
- Level II
- Level IIIA

09 "BK-1" Covert Body Armor

BUSINESS CLASS BODY ARMOR



- ◆ **Concealment Level** The Business Class body armor is designed to be worn as an **undershirt**, providing the highest level of concealment
- ◆ **Premium Material** Constructed from high-performance **Coolmax** elastic fabric for superior moisture-wicking and comfort
- ◆ **Deep Concealment** Enhanced concealment is achieved by tucking the lower portion of the vest into the trousers
- ◆ **Extended Side Protection** Provides **full 360-degree** circumferential torso protection
- ◆ **Operational Use** For easy donning, adjustment, and precise fitting to the user's torso, the side seams are equipped with dual zippers. Both the external and internal sides of the front and back panels feature zippered openings for easy removal of ballistic inserts for cleaning or maintenance
- ◆ **Internal Structure** The **flexible ballistic** insert is housed in a hermetically sealed, tamper-resistant cover
- ◆ **Protection Standards** The body armor is equipped with flexible ballistic inserts ranging from **NIJ Level IIA to IIIA** (in accordance with **NIJ 0101.04 / 0101.06** standards) or **STANAG 2920** requirements

USA Standard (NIJ 0101.06)

- Level IIA
- Level II
- Level IIIA

Protection Area

- S (44-48): 31 dm²
- M (48-54): 33 dm²
- L (54-58): 35 dm²
- XL (56-60): 37 dm²

Ballistic Material

The materials utilized for the flexible ballistic inserts include:

- Aramid fabric (Kevlar-type)
- Ultra-High Molecular Weight Polyethylene (UHMWPE)

10 Aura Full and Aura High Cut helmets



FULL-SHELL BALLISTIC HELMET (FABRIC COVERED)

A full-sized ballistic combat helmet, featuring the **MM-14 camouflage pattern**, designed for individual head protection against small arms fire and fragmentation.

Ballistic Protection:
USA Standard (NIJ 0106.01)
 NIJ Level II

◆ Shell Construction

Comprises a rigid ballistic shell and an advanced internal suspension system. The exterior features a specialized protective coating, while the lower edge is finished with a thermoplastic edging to prevent delamination, wear, and moisture ingress

◆ Internal Suspension

Creates an anatomical offset gap between the shell and the head to mitigate trauma. Removable energy-absorbing components utilize elastic mesh materials for superior breathability and ventilation

◆ Scalp Health & Comfort

Unlike traditional "pad" systems, this retention system reduces **heat build-up and improves long-wear comfort in high-temperature environments**

◆ Retention System

A 4-point bolted combined system using textile webbing, adjustment buckles, and a quick-release chin strap

◆ Sizing

Equipped with a **Fit System** dial regulator for rapid and precise circumference adjustment

Technical Specifications

◆ Materials	Aramid fabric, UHMWPE
◆ Sizes	S, M, L, XL
◆ Weight	S: 1.40 ± 0.05 kg M: 1.50 ± 0.05 kg L: 1.60 ± 0.05 kg XL: 1.70 ± 0.05 kg



Fabric Patterns and Color Options for Our Products

◆ Available in

- MM-14 Pixel,
- MM-25 Multicam

◆ UV-resistant solid colors:

- White, Black, Green, Coyote, Olive, Blue, Light Blue, Gray

Additional camouflage patterns, delta color variations, and custom designs available upon request

10 Aura Full and Aura High Cut helmets



The photo is for illustration purposes only. The actual appearance of the product may vary.

HIGH-CUT BALLISTIC COMBAT HELMET

A High-Cut ballistic combat helmet in **MM-14 camouflage**, optimized for use with communication headsets and additional tactical equipment.

Ballistic Protection:
USA Standard (NIJ 0106.01)
NIJ Level II

◆ Internal Suspension

Features an anatomical offset to prevent blunt force trauma. The internal liner consists of removable, highly breathable mesh elements designed for maximum airflow

◆ Advanced Retention

A 4-point bolted system, fully compatible with side rail mounts. Includes a quick-release buckle and the **Fit System** for instant size adjustment

◆ Modular Mounting System

- **Front Shroud:** A unitary mount for Night Vision Goggles (NVG).
- **Side Accessory Rails:** Provides secure attachment points for headsets, flashlights, goggles, visors, and respirators



Technical Specifications

◆ Materials	Aramid fabric, UHMWPE
◆ Sizes	S, M, L, XL
◆ Weight	S: 1.30 ± 0.05 kg M: 1.40 ± 0.05 kg L: 1.50 ± 0.05 kg XL: 1.60 ± 0.05 kg

Fabric Patterns and Color Options for Our Products

◆ Available in

- MM-14 Pixel,
- MM-25 Multicam

◆ UV-resistant solid colors:

- White, Black, Green, Coyote, Olive, Blue, Light Blue, Gray

Additional camouflage patterns, delta color variations, and custom designs available upon request

11 Aura Full Cut Civil helmet



AURA FULL CIVIL BALLISTIC HELMET

A full-sized ballistic combat helmet designed for individual head protection against small arms fire and fragmentation

Ballistic Protection:
USA Standard (NIJ 0106.01)
 NIJ Level II

◆ Shell Construction

Rigid ballistic shell with an advanced internal suspension system. The exterior features a specialized protective coating, while the lower edge is finished with a thermoplastic edging to prevent delamination, wear, and moisture ingress

◆ Internal Suspension

Creates an anatomical offset gap between the shell and the head to mitigate blunt trauma. Removable **energy-absorbing components** utilize elastic mesh materials for superior breathability and ventilation

◆ Scalp Health & Comfort

Unlike traditional pad-based systems, this retention system significantly reduces heat build-up and enhances long-wear comfort in high-temperature or extended-use environments

◆ Retention System

4-point bolted combined system using durable textile webbing, adjustable buckles, and a **quick-release** chin strap for secure and rapid fastening

◆ Sizing

Equipped with a user-friendly Fit System dial regulator for quick, precise circumference adjustment and personalized fit



Technical Specifications

◆ Materials	Aramid fabric, UHMWPE
◆ Sizes	S, M, L, XL
◆ Weight	S: 1.40 ± 0.05 kg M: 1.50 ± 0.05 kg L: 1.60 ± 0.05 kg XL: 1.70 ± 0.05 kg



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"F2" anti-splinter apron

Purpose

Designed for demining operations, providing the maximum possible protection against fragmentation and the blast effects of anti-personnel blast mines (non-fragmentation mines)



The photo is for illustration purposes only. The actual appearance of the product may vary.



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ANTI-SPLINTER APRON

Ballistic Performance

Fragmentation resistance:
V50 = 500 m/s for a 1.1 g fragment,
tested in accordance with STANAG 2920

General Description

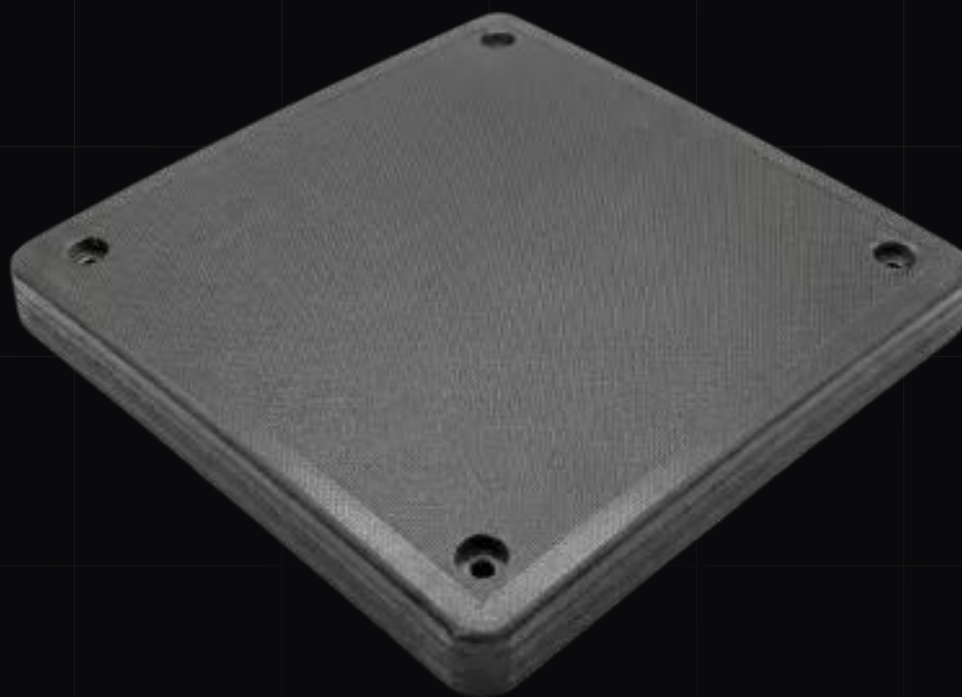
◆ Ballistic Insert Dimensions	1.0 x 0.5 m
◆ Compatibility	Can be used in conjunction with a ballistic helmet
◆ Outer Material	Manufactured from Nomex®- "TK-260" , a domestically produced fire-resistant meta-aramid fabric

Key Features

◆ Storage	Equipped with three front-mounted utility pockets
◆ Quick Release System	Features a left-side Quick Release System (QRS). By activating the webbing pull-loop located on the left side of the waist, the apron instantly releases at the waist and left shoulder areas
◆ Adjustment	Waist adjustment is secured via a belt with a hook-and-loop fastener
◆ Modular Protection:	Features a removable upper-front attachment designed to protect the user's neck and face from potential fragment impacts
◆ Portability	Includes a dedicated transport bag

13 Modular Armor Panels

Modular Armor Panels are an innovative modular anti-fragmentation protection system for vehicles and stationary facilities, Made in Ukraine.



Key Specifications

◆ Module size	400 × 400 mm
◆ Areal density	9.375 kg/m ²
◆ Standard	STANAG 2920, V50 up to 550 m/s
◆ Material	Multi-layer composite

Advantages

- ◆ **Rapid installation (hours instead of weeks)**
- ◆ **Low weight helps maintain vehicle mobility**
- ◆ **Modular design – damaged segments can be replaced locally**
- ◆ **Hidden integration under trim or inside walls without visible changes**

Use Cases

- ◆ **Vehicles**
 - Integration into doors and partitions
 - Low-profile finish
 - Typical thickness: ~8–10 mm
- ◆ **Facilities**
 - Fast deployment of protected zones
 - Suitable for command centers, server rooms, and shelters
 - Scalable up to a panic-room concept

Reference Configurations (Approx.)

- ◆ **Sedan (4 doors): 6–8 panels, ~1.2 m², +9–12 kg**
- ◆ **SUV (cabin perimeter): 12–16 panels, ~2.5 m², +18–24 kg**
- ◆ **Safe-room wall 20 m²: ~125 panels, total ~187.5 kg**

14 Ballistic blanket / Protective Shield



TECHNICAL DESCRIPTION

Protection Level

Fragmentation resistance:
V50 = 500 m/s for a 1.1 g fragment,
tested in accordance with **STANAG 2920**

- ◆ **Purpose:** Provides individual ballistic protection against:
 - Small arms fire
 - Projectile fragments (shrapnel)
 - Mortar/mine fragments and hand grenades An ideal solution for combat environments, casualty evacuation (CASEVAC), and mobile cover

Design & Materials

- ◆ **Ballistic Layer** Engineered from high-strength composites based on **Aramid** and **UHMWPE** (Ultra-High-Molecular-Weight Polyethylene) for maximum protection levels
- ◆ **Outer Cover** Hermetically sealed, water-resistant, and highly resilient to environmental stressors
- ◆ **Folding System** Features a compact 3-fold design, secured by side-release buckles concealed within dedicated pockets

Functionality

- ◆ **Transportation** Equipped with shoulder straps featuring quick-release buckles and ergonomic pads. These straps also serve to secure a person during evacuation
- ◆ **Versatility**
 - * **Hand Straps:** Allow the blanket to be used effectively as a ballistic shield or portable cover.
 - * **External Webbing:** Additional straps for securing the unit in various tactical positions
- ◆ **Set Includes** Ballistic Blanket (Protective Shield)
Storage and Transport Bag
- ◆ **Weight** 9.6 kg



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COMBAT Summer Uniform with Integrated Soft Armor



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TYPE B

◆ Description

The Special Summer Suit (Type B) is a modular protective ensemble featuring soft ballistic protection, designed for military personnel in field environments during combat and training missions. The design is optimized for integration with body armor, providing maximum fragmentation protection without compromising operational mobility

◆ Kit Components

1. Shirt (Element 1): Includes protection for the shoulders, chest, and back areas
2. Trousers (Element 2): Includes protection for the knees and shins (frontal section)
3. Pteruges (Element 3): A set of individual components with soft ballistic inserts, designed for attachment to a tactical belt

Each element can be supplied individually or as a complete set

◆ Technical Specifications

All soft ballistic elements provide fragmentation resistance (V50) in accordance with STANAG 2920 (or equivalent military standards), with a velocity rating of no less than 200 - 400 m/s.

The construction ensures full compatibility with plate carriers and body armor, providing critical protection in areas otherwise exposed to threats. Ballistic inserts are housed in specialized pockets, allowing for rapid removal for maintenance, cleaning, or repair. All protective inserts are encased in hermetically sealed, waterproof covers to prevent moisture ingress

16 Summer field Uniform (Type 1)



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TYPE 1

◆ Description

The suit is designed for military personnel and is manufactured from lightweight, high-strength, and wear-resistant **DEFENSE 15** fabric. The kit ensures maximum comfort during high-intensity operations, featuring an anatomical cut, reinforced stress zones, ventilation elements, and functional pockets. It is produced in a modern camouflage pattern adapted to terrain conditions and meets all requirements for quality, ergonomics, and long-term durability

17 Flame-Resistant Coverall (and Anti-Static Options)



The photo is for illustration purposes only. The actual appearance of the product may vary.

APPLICATION AND CHARACTERISTICS

◆ Purpose

The product is intended for field operations during combat and training missions, as well as active combat engagements by military personnel of the Armed Forces, other military formations, and law enforcement agencies

◆ Description

The product features a central two-way zipper with a windproof flap secured by textile fasteners. It includes a stand-up collar and a hood that stows into a concealed pocket on the back.

A continuous aramid evacuation strap is sewn along the bottom of the back and sides, passing through the shoulder seam area to form underarm loops within the armhole gaps. An opening with a flap is located between the hood pocket and the back neckline to provide access to the evacuation loop.

The waist width is adjustable via perforated elastic webbing secured by buttons with double fixation on both sides.

The front trouser panels feature side welt pockets with welts, secured by zippers.

The rear trouser panel consists of upper and lower sections with a reinforced seat patch. The upper part of the lower section features a contoured drop-seat design enabled by a two-way zipper.

The shirt-cut sleeves include gussets, and the middle sections of the upper sleeves feature zippered pockets. Reinforced patches with textile fastener openings are located on the elbows, forearms, and knees for the installation of padding or similar inserts. The sleeve width and trouser cuffs are adjustable via textile fasteners. The leg bottoms are further enhanced with zippered gussets (puffs)

◆ Materials

The primary fabric of the product is a flame-retardant meta-aramid fabric, containing both meta-aramid and para-aramid fibers. This composition ensures high durability and breathability

18 The Tactical Protective Load-Bearing Belt



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The Tactical Protective Load-Bearing Belt with Shoulder Load-Bearing Straps facilitates the use and transportation of personal equipment elements mounted on it

◆ Description

It ensures freedom of movement and allows the user to change body position while performing combat tasks and duties; in particular, it does not hinder concealed movement while crawling (low to the ground), in a squat, or in a half-squat

The belt encircles the torso. It has sewn-on strap ends that connect the belt in the central part using a buckle. In addition to the main split latch, the buckle is equipped with a locking button to prevent unauthorized opening. The webbing straps are length-adjustable using two-slot plastic buckles. The free strap ends are secured with a hook-and-loop fastening strap

The belt is divided into sections and, along its entire length, is equipped with three rows of webbing for the **MOLLE** system. The webbing is stitched to the belt at the top and bottom, while the side edges provide free access inside. The longest belt section is the rear section, made as a flap that closes at the bottom with a hook-and-loop fastener. A soft polyurethane insert is placed inside the belt. There is also the option to install a ballistic package

The shoulder load-bearing straps are attached at the rear ends using two-slot plastic buckles in the back area, and the front ends—through the same type of buckles—at the front. The adjustment straps of the back section transition into wider shoulder straps with soft pads. At the back transition point where the wide straps join the narrow ones, an evacuation (drag) handle is sewn on

19 Drone Backpack



TRANSPORT BACKPACK FOR DRONES

◆ Operational Purpose

This transport backpack is specifically designed for the secure transportation and rapid deployment of **up to 10 drones**

◆ Field Characteristics

The **camouflage pattern** and **ergonomic carrying system** make this backpack an optimal solution for units operating drones in challenging field conditions

◆ Dimensions

Custom sizes are available upon request

◆ Protection and Organization

The durable external construction is complemented by a **fully modular** spatial organization system. The interior surface of the backpack is entirely lined with a **Velcro-compatible** loop field, allowing for free configuration modeling based on current mission requirements.

Compartment dividers are made of **lightweight shock-absorbing material** and integrate into the system using reliable Velcro fasteners. This adaptive architecture guarantees **individual adjustment to the dimensions of each drone**, ensuring precise fixation and uncompromising impact protection during transport

20 Weapon bag



TACTICAL RIFLE CARRYING CASE / BACKPACK

Purpose A tactical bag designed for the secure transportation and storage of a rifle. Provides reliable protection against moisture and mechanical damage.

Dimensions & Weight

◆ Main Compartment	900 × 350 × 80 mm
◆ External Storage	650 × 300 × 70 mm
◆ Dimensions (mm)	H 310 × W 910 × D 120 Weight (kg): 1.750

Features

◆ Main Compartment	Equipped with a padded divider for firearm protection
◆ External Storage	Large outer pocket for accessories or ammunition
◆ Dual Carry System	Adjustable shoulder and chest straps allow for backpack-style carry
◆ Ergonomics	Reinforced heavy-duty handle for convenient manual transport

Materials

◆ Outer Fabric	100% Polyamide with durable water-repellent (DWR) coating
◆ Padding & Interior	3D Mesh, hook-and-loop fasteners, 5mm PPE (Isolon) foam insulation. Webbing: 25/40 mm heavy-duty straps
◆ Fasteners	25/40 mm hook-and-loop fasteners
◆ Hardware	5 mm Paracord, T-10 heavy-duty zippers, 40 mm carabiner, 25 mm D-rings

21 "ICB" Individual combat backpack



TECHNICAL DESCRIPTION

◆ Main Compartment:

Features a heavy-duty zippered closure for secure and rapid access to gear

◆ Modular Integration

Equipped with the **MOLLE system** on external surfaces for the versatile attachment of additional pouches and equipment

◆ Moisture Management

Includes a built-in **drainage grommet** at the base for effective water and moisture evacuation

◆ Ergonomics

Designed with an anatomical back panel featuring **three specialized comfort pads** for enhanced airflow and pressure distribution

◆ Suspension System

Fully adjustable shoulder straps equipped with side-release buckles for quick-donning and emergency doffing

◆ Material

Manufactured from high-tenacity **Polyamide** fabric with a durable **water-repellent (DWR) coating**

◆ Dimensions (mm)

H – 500, W – 350, D – 160 Weight (kg): 0.970

22 "ITB" Individual transport Duffel bag



TRANSPORT TACTICAL BAG

◆ Operational Purpose

Specifically engineered for rugged field environments and long-term deployment

◆ Design

Features a cylindrical (duffel) shape with one spacious main compartment and two zippered side pockets for organized storage

◆ Versatile Carrying Options

Equipped with heavy-duty grab handles on both ends for easy maneuvering and integrated shoulder straps for backpack-style transport

◆ Adjustable Capacity

The main internal volume is expandable/adjustable to accommodate varying gear loads

◆ Durability

Outfitted with high-strength, reliable zippers for secure closure under heavy stress

◆ Dimensions (mm)

H 390 x W 750 x D 390 Weight (kg): 0.976

23 Tactical Travel Bag



◆ Operational Use

An ideal solution for travel and tactical deployment

◆ Durability & Capacity

Spacious and rugged construction featuring dual heavy-duty carry handles and a detachable padded shoulder strap

◆ Internal Organization

Large main compartment equipped with two oversized internal pockets and four smaller organizational sleeves

◆ Modular Integration

Integrated **MOLLE system** on the exterior for the versatile attachment of additional pouches and gear

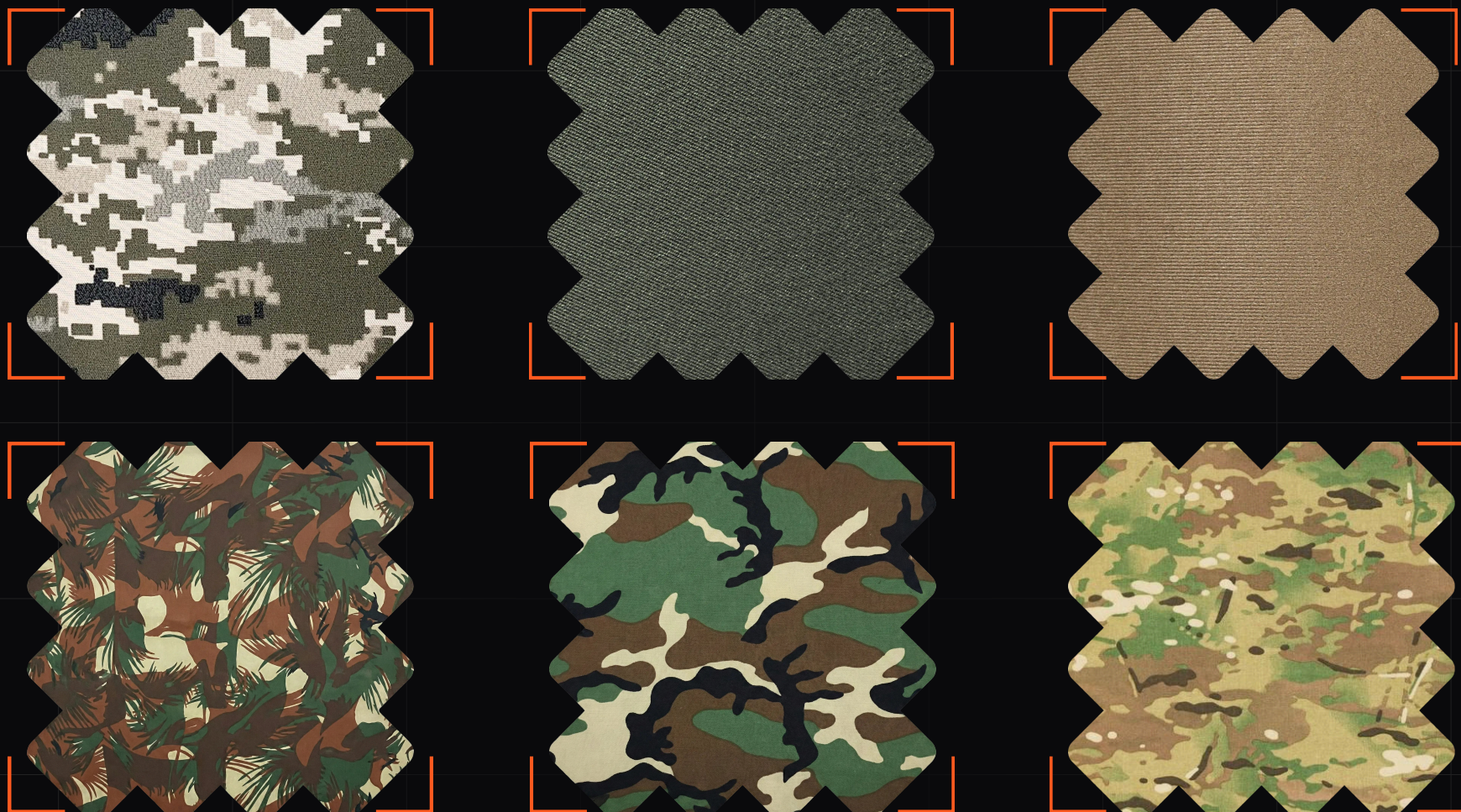
◆ Dimensions (mm)

H 420 x W 600 x D 200 **Weight (kg):** 0.560

◆ Travel Compatibility

Features a specialized trolley sleeve (luggage strap) for secure attachment to rolling suitcase handles

24 Our Fabrics



◆ Description

We are one of the largest full-cycle manufacturers of special protective and ballistic fabrics in Ukraine, with a full production cycle (from raw materials to finished material). We meet the primary needs of the Armed Forces of Ukraine for ballistic and protective materials, having produced millions of meters of fabric and hundreds of thousands of sets of body armor

We produce

◆ **Para-aramid fabric** (premium ballistic strength, heat-resistant)

◆ **Flame-resistant TK-260** (self-extinguishing, resistant to open flame and molten metal splashes)

◆ **Anti-static (ESD)** (with carbon conductive yarn, spark-proof)

◆ **DEFENSE-15 Type 4** (rip-stop, cotton/polyester blend)

◆ **DEFENSE-15 Type 3** (2/2 twill, high cotton content, demi-season)

◆ Custom production

Any special fabric (ballistic, flame-resistant, anti-static, water-repellent, rip-stop, etc.)

Customized composition, density, weave structure Any colors and patterns (no restrictions – camouflage, solid, corporate)

Additional treatments (antibacterial, flame-retardant, enhanced abrasion resistance)

Certification according to client requirements

◆ **DEFENSE-12** (twill, comfort + abrasion resistance)

◆ **TPS-32 Type 2** (PA 2 PU): waterproof Cordura-like polyamide fabric with double polyurethane coating

◆ **TPS-31 Type 1** (PA 3 PU): waterproof Cordura-like high-strength polyamide fabric with triple polyurethane coating, maximum protection

◆ **Lining TPS-11** (PE PU PVA) (polyester, reinforced)

◆ **Lining TPS-10** (PE PVA) (polyester, dense)

T:3000

MILITARY **PROTECTION** AND EQUIPMENT

Battle tested

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