

GÖLBAŞI FACTORY

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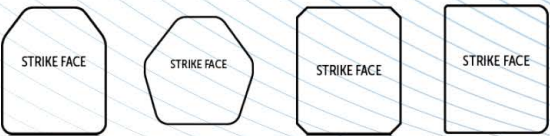


**PERSONAL
PROTECTION**

HARD BALLISTIC

PROTECTION SOLUTIONS

High Quality - Dependable - Hi-Tech



NIJ 0101.06 Ballistic Standard	Ammunition	Number of Shots	250 x 300 mm Plate Weight (gr) (±100gr)	Thickness (±2mm)	Composition
NIJ III	7.62x51 mm	6	1000	23	PE
NIJ III	7.62x51 mm	6	1300	28	PE
NIJ III+	7.62x39 MSC	6	1100	24	PE
NIJ III++	5.56x45 SS109	6	1750	26	Ceramic + PE
	308. Win (M80)				
NIJ IV -	7.62x39 BZ (AP)	1	2000	23	Ceramic + PE
NIJ IV	7.62x63 M2AP	1	2350	25	Ceramic + PE
NIJ IV -	7.62x39 BZ (AP)	3	2150	23	Ceramic + PE
NIJ IV	7.62x63 M2AP	3	2600	28	Ceramic + PE

Ballistic Standard	Ammunition	Number of Shots	Side Plates 150x150 mm Weight (gr) (±50gr)	Thickness (±2mm)	Composition
NIJ 0101.06 Level III	308. W n (M80)	1	410	28	PE
NIJ 0101.06 Level IV-	5.56x45 SS109	1	600	26	Ceramic + PE
	308. Win (M80)				
VPAM 10	7.62X54R API (B32)	1	850	25	Ceramic + PE
NIJ 0101.06 Level IV	7.62x63 M2AP	1	850	25	Ceramic + PE

VPAM Ballistic Standard	Ammunition	Number of Shots	SAPI Medium Chest Plate Weight (gr) (±100gr)	Thickness (±2mm)	Composition
VPAM 6	7.62X39 MSC	3	1100	24	PE
VPAM 7	5.56X45 SS109	3	1700	26	Ceramic + PE
	7.62x51 Nato Ball M80				
VPAM 8	7.62X39 BZ (AP)	3	2150	23	Ceramic + PE
VPAM 9	7.62X51 AP (P80)	3	2400	24	Ceramic + PE
VPAM 10	7.62X54R API (B32)	3	2850	25	Ceramic + PE

GOST R 50744-2014 Ballistic Standard	Ammunition	Number of Shots	SAPI Medium Chest Plate Plate Weight (gr) (±100gr)	Thickness (±2mm)	Composition
BR4	5.45X39 (6P20)	3	1700	20	Ceramic + PE
BR4	7.62X39 BZ (AP)	3	2150	23	Ceramic + PE
BR5	7.62X54R API (B32)	3	2900	25	Ceramic + PE

* Please note that all weights and dimensions provided here are subject to change based on the specific requirements of the project.

SOFT BALLISTIC

PROTECTION SOLUTIONS

High Quality - Dependable - Hi-Tech

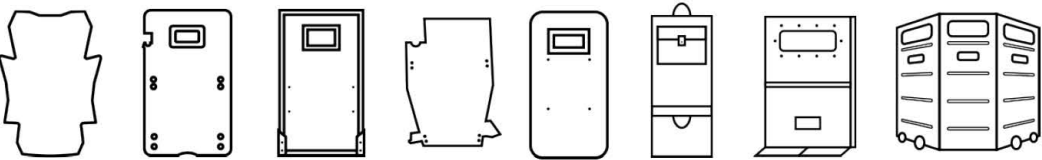


Ballistic Standard	Ammunition	Composition
NIJ 0101.04 Level 2	9x19mm FMJ RN	Aramid/UHMWPE
	.357 Magnum JSP	
NIJ 0101.04 Level 2	9x19mm FMJ RN	Aramid/UHMWPE
	.357 Magnum JSP	
NIJ 0115.00 Level 1	P1 / S1 Knife Blade	
NIJ 0101.04 Level 3A	9x19mm FMJ RN	Aramid/UHMWPE
	.44 Magnum SJHP	
NIJ 0101.06 Level 3A	.357 SIG FMJ FN	Aramid/UHMWPE
	.44 Magnum SJHP	
NIJ 0101.06 Level 3A	.357 SIG FMJ FN	Aramid/UHMWPE
	.44 Magnum SJHP	
NIJ 0115.00 Level 1	P1 / S1 Knife Blade	

BALLISTIC PROTECTIVE SHIELD

AND VISOR SETS

Protecting Frontiers



Ballistic Standard	Size (Mm)	Ammunition	Weight (Kg)
NIJ 0108.01 Level 3	500x1000	7,62x51 Nato Ball	12 (PU Coated)
NIJ 0108.01 Level 4	525x925	7,62x63 M2AP	24 (PU Coated)
EN 1522 / EN 1063 B7	525x925	7.62x51 AP	23 (PU Coated)
NIJ 0108.01 Level 4	450x650	7,62x63 M2AP	14 (PU Coated)
VPAM 6 / NIJ 0108.01 Level 3+	505x735	7.62x39 MSC	6.7 (Curved)
		7.62x51 Nato Ball	
VPAM 6 / NIJ 0108.01 Level 3+	490x950	7.62x39 MSC	7.9 (Curved)
		7.62x51 Nato Ball	

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**PLATFORMS
PROTECTION**

ENHANCED ARMOR SOLUTIONS

CUSTOMIZED PROTECTION AGAINST ANY GRADE OF THREATS

Nurol Teknoloji offers customized protection solutions, featuring add-on and standalone panels for a wide range of vehicles. Our armor panels are engineered with efficiency in mind, adding minimal weight to military platforms.

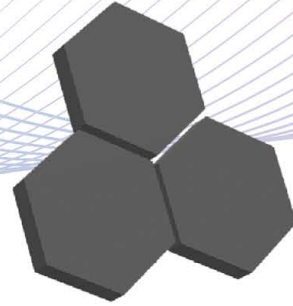
We partner with platform manufacturers, developing armor solutions that offer varying degrees of protection for the same hull structures, thereby enhancing the vehicle's mobility and flexibility in active zones.

Our lightweight add-on armor panels ensure platform defense against a multitude of kinetic energy threats, even under multi-hit scenarios. Nurol Teknoloji's advanced armor solutions are designed for multifunctional use and environmental resilience, demonstrating high resistance to UV radiation, chemicals, humidity, and more.

Leveraging our in-house ceramic production capabilities, Nurol Teknoloji has extensive experience in shaping add-on armors for complex vehicle designs, ensuring maximum coverage of potential vulnerability zones.

We provide cost-effective alternatives considering:

- Customized solutions tailored to each client's needs
- Adaptable design solutions in harmony with hull material type, thickness, and geometry
- An expansive selection of ballistic ceramics and versatile designs guided by ceramic choice
- A diverse range of areal densities for armor panels
- Lightweight designs without compromising on superior ballistic performance
- Cost-efficient design alternatives



MILITARY LAND VEHICLES



- Nurol Teknoloji has the capability to design Vehicle Armors that exceed the NATO STANAG 4569 threat level specifications, ranging from level 1 to level 6.
- Protection against improvised explosive device (IED) threats is a key feature.
- The product range includes Modular Hybrid Armor Systems, complying with technical requirements and weight criteria of projects.
- Both flat and shaped armor panels are available, in addition to customized lightweight spall liners.
- Ballistic armor panels, resistant to vibrations and providing full protection under varying environmental conditions, form part of the offerings.
- Design support and protection level development, customized to the body armor steel of vehicles, are integral services.
- Application support is provided for either Stand Alone armor or Add-on armor, along with various advanced assembly options.
- The armor solutions maintain superior protection, durability, and operational performance without impacting the mobility of the vehicle in high-threat environments.

AIRBORNE PLATFORMS

Nurol Teknoloji delivers:

- Extremely lightweight composite armor solutions for both fixed and rotary-wing platforms.
- Protected bucket and wing systems.
- Shielding for floors and side sections.
- Lightweight armor defenses catered to counter specific threats.
- Resistance to threats up to 12.7 mm Armor Piercing (AP).

Our ballistic solutions can handle a variety of Kinetic Energy (KE) threats and adhere to other International Standards such as:

- National Institute of Justice (NIJ) Standard 0108.01
- Military Standard (MIL-STD) 662F
- NATO AEP-55 STANAG 2920 V50 Requirements



NAVAL PLATFORMS



- Nurol Teknoloji delivers advanced protection for control rooms, captain bridges, critical cabling, and vital storage areas with composite armor solutions.
- Armor design aligns with challenging criteria to ensure maximum protection.
- The product range includes composite armors, performing optimally under multifunctional usage requirements and diverse environmental conditions.
- The armor solutions are lightweight, offer high ballistic performance, and are easy to assemble.
- Add-on and Spall Liner applications, utilizing ultra-lightweight panels, are available to enhance protection levels of existing sea platforms.
- All products adhere to MIL-STD-810 standards, ensuring optimal performance under diverse environmental conditions.
- Protection extends to threats as per MIL-PRF-46103E, including but not limited to:
 - Type I 5.56mm.
 - Type II 7.62mm calibers.
 - Type III 12.7mm calibers.
 - Type IV 14.5mm with hard steel core armor piercing incendiary (API) projectiles.

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STRUCTURAL PROTECTION

SHELTERS/CONTAINERS

FOR COMMAND & CONTROL

Mobility and structural protection come hand in hand with tailored containers of Nurol Teknoloji. Fully mobile and strongly protected, command and control containers base (C2 containers) becomes an eye-catching facility for those who seek to find ultimate protection, intelligence infrastructure and mobility at once.

- Coordinated command centers for any military mission
- UAV Ground Control Stations
- Communication-Data Centers
- Living space for extreme conditions
- Innovative design and structure
- Production capability in accordance with CSC standards
- Durable to all weather conditions including extreme heat, cold, humidity and etc
- Offer protection against over-pressure
- Protects against 7.62 calibre armor piercing ammunition – the uppermost level defined in EN 1063 standard
- Utilizes improved fiber optic infrastructure developed for cybersecurity
- Communication and data transmission opportunities and use of office space for end-user
- Electrical-Electronic components conforming to EMI/EMC standards



MOBILE

ARMORED CONTAINER

Nurol Teknoloji designs and manufactures products such as special platform, armored container, semi-trailer, shelters and safety cabinets with its engineering capability and years of experience in ballistic solutions, aligned with customer requirements with cutting-edge technological infrastructure. Mobile Armored Containers are designed and manufactured to meet the basic and vital needs of the Security Forces staff at the operation and check points.



- Weight 23 tonnes / Run-flat tyres



Protection Against Ammunitions:

5.56x45mm
7.62x39mm / 7.62x39mm AP
7.62x51mm / 7.62x51mm AP
DM41 and MKE type hand grenades

Protection Level Standards:

EN 1522
EN 1063

1 generator, output voltage: 15 kVA
Continuous run time of 8 hours

ARMORED

SECURITY CABINETS



Nurol Teknoloji provides ballistic protection against attacks and threats for strategically important buildings.

All sub-systems and parts of the products for structural protection are designed, developed and produced within Nurol Teknoloji. Consequently, we can offer our customers fast and cost effective solutions.

- Lightweight, portable and easy to install Ballistic protective solutions according to international standards
- Appropriate internal refurbishment and solutions with a focus on customer satisfaction
- Ballistic protection against any ammunition type and threat level in scope of EN 1063, EN 1522 and MIL-PRF-46103



Design & production capability for any desired dimension

Protection Level Standards:

EN 1522
EN 1063
FB6/BR6
FB7/BR7 protection level

Standard Equipment

Hydraulic chair
Portable table
telephone system
Led Projectors (50 W)
2000 W convector heater;
water and dust proof level: IP24
Inverter type 9000 Btu A/C
Ventilating fan
Audible & light alarm system; IP54, 120 dB
6 kg fire tube which is effective against A-B-C class fires
Balistic protection gunport on the glass
Standard intercom system (optionally with camera)
Easy transportation handle interface with a single lug

Protection Against Ammunitions:

5.56x45mm
7.62x39mm
7.62x39mm AP
7.62x51mm
7.62x51mm AP

MODKOR

MODULAR BLOCKHOUSE

MODKOR Product Protection Level		
Structural Product	Standard	Ammunition
Composite panel	NIJ 0101.06 Level 3 STANAG Level 1 STANAG 2920	7,62x51 Nato Ball 5.56x45 (SS109) V50-Value (1,1 g FSP) > 650 m/s
Panel + Panel Option Panel + Add On Option	NIJ 0101.06 Level 4 STANAG Level II / III / III+ VPAM 9 / 10	With tandem or add-on panels, protection is provided against different ammunition at higher protection levels in accordance with the desired international standards.

Product code	NT-MODKOR		
Panel Dimensions	1000x1000 mm	1000x500 mm	1000x250 mm
Weights	15 kg	7,5 kg	3.75 kg



BALLISTIC

VISOR SETS

Dimensions	
Width	700 mm(+/- 10 mm)
Height	1700 mm(+/- 10 mm)
Weight (Single)	205 kg (+/- 10 kg)
Ballistic Glass	200x500 mm
Protection Level	Ammunition
EN 1522 FB7/ EN 1063 BR7	7.62x51 mm AP

- The visors can be positioned 180-130 degrees.
- The visors are movable on 4 wheels in total, 2 movable in the front and 2 movable in the back.

