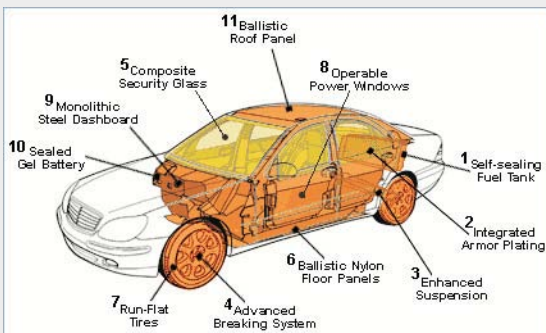




FIRST CLASS ARMORING

Key Armoring Features



Golan Group installs all opaque and transparent armor materials, installation hardware, special security equipment, suspension up-grade equipment, braking up-grade, drive line up-grade as/if required (i.e. drive shaft), and all materials needed to make templates in accordance with specifications, and all ballistic certifications for transparent and opaque materials. Golan Group administrates and provides logistical support for its clients worldwide. The following is an itemized list of specific Golan Group armoring techniques and features.

1. Self-sealing Fuel Tank - If fuel tank is punctured, a special exterior coating on the tank, designed to reseal the hole in seconds, is automatically activated.

2. Integrated Armor Plating - All opaque armor materials are given a protective coating, which ensures a smooth surface and allows for effective inspection of armor materials for cracks. Materials used in the opaque areas include FAMSON, monolithic Steel, SPECTRA and Kevlar. Armor plating is installed on all sides of the passenger compartment. In addition, the rear cargo area will be fully armored between passenger compartment and cargo area, again ensuring 100% protection of the passenger compartment. Size dimension of transparent portion is sufficient to allow for rear view vision with minimal obstruction and does not impede safe operation.

Key Armoring Features

3. Enhanced Suspension - Suspension system, attachment points and related infrastructure components are modified to meet after-armoring mass of vehicle (a minimum of 25% upgrade). We consult with vehicle OEM as/if necessary and/or aftermarket firm specializing in suspension systems. Drive shaft and couplings (attachment points) and related infrastructure components are reinforced to accommodate increased vibration/stress due to additional weight of the armor mass.



4. Advanced Braking System - Brake system shall accommodate after-armoring mass of vehicle and be of such design as to ensure against excessive brake fade and/or failure at high speed (100 mph plus) and/or repeated use. We will consult with vehicle OEM as/if necessary and/or aftermarket firm specializing in braking component systems as required.

Specific vehicle acceleration, braking and cornering at after armoring mass weight on dry surface will allow for positive controls at all times.



5. Composite Security Glass - Transparent armor is a one-piece construction with anti-spalding inner layer. Transparent armor is made of glass-plastic (polycarbonate), laminated construction and has a material alone capable of meeting or exceeding the ballistic protection specified in the Armoring Standards table above.

Exposed polycarbonate surface shall be treated with an abrasion-resistant coating. Transparent armor will be tinted to darkest level except the forward windshield which will remain clear.



6. Ballistic Nylon Floor Panels - Armoring of entire floor area, passenger compartment consisting of an armoring fiber of ballistic nylon formed with a minimum of eight (8) layers. Installation must ensure against gaps and sufficient overlapping with other opaque areas within passenger compartment. Minimum protection level to withstand blasts underneath the vehicle (hard or soft surface) from two (2) DM 51 German ordnance, grenades and/or similar blasts.

7. Run-flat Tires - Standard type or tire/wheel combination (warranted), all five (5) wheels (includes spare) to allow vehicle to travel at a high rate of speed after puncture. The rims are tested to meet or exceed load imposed on each wheel (armor mass and full passenger load). Applicable tire pressure labels will be provided.



Key Armoring Features



8. Operable Power Windows - One-piece transparent armor is constructed such that the window can be manually and hydraulically or electronically moved up and down. Emergency activation to raise/lower window in the event of power failure is accessible to the driver. Appearance of operable windows is identical to the fixed windows (if any). As desired by customer, all passenger door windows can either be fixed and/or operate manually and electronically.

9. Monolithic Steel Dashboard - Armoring of the vehicle dashboard area will consist of monolithic Steel.

10. Sealed Gel Battery - Batteries are armor protected by monolithic steel. Optional Installation of second battery (backup) with primary-secondary switch easily accessible to the vehicle operator. Both batteries, primary and secondary, are the same as or equal to Optima Gel Cell batteries.

11. Ballistic Roof Panel / Sunroof - Armoring of the entire roof area covering the passenger compartment consists of armoring fiber (e.g. Kevlar or FAMSON) and / or monolithic steel to protect the passenger compartment.

Product Benefits

Security above all - Our Digital Vehicle Armoring Design (DVAD) technology is one of our strategic advantages. It reduces the new vehicle armoring design time, minimizes the number of ballistic steel welded parts and guarantees the perfect coverage of all areas including overlaps in the right spots. Security is the number one concern.

Transparency and zero distortion in the glass - Glass is made with the same high technology used in the aeronautic and aerospace industry. The glass is curved, thin, well carved and operable.

Minimum Weight - Agility, speed and maneuverability, are determining factors when it comes to an aggressive encounter. Your armored vehicle will have the minimum possible weight.

Aesthetics and fine finishes - Nobody knows that your vehicle is armored. Our craftsman work is so fine that you will not be able to tell the difference from the outside or inside the vehicle.



Service Benefits

Delivery - We ship worldwide and guarantee our quoted delivery date.

Attention to Our Clients - We give our clients every detail, characteristic, and armoring option necessary for them to make an informative decision on what level of protection needed and which vehicle is best suited for them. We offer all of our clients the ability to participate in our ballistics testing as well as a tour of our production facilities.

Guarantee - We offer a 100% satisfaction guarantee on all of our armored vehicles including materials and labor.

Confidentiality - We understand the importance of discretion. Our vehicles look exactly as they did when they came off the manufacturer's lot. Our clients' identities are kept strictly confidential as well as the make, model, and armoring level of their vehicle.



Armoring Standard

Golan Group uses the National Institute of Justice (NIJ) standard for ballistic resistant protective materials (NIJ standard 0108.01) which serves as the performance benchmark against which the equipment is measured, and as a procurement aid. This standard is applicable to all ballistic resistant materials (armor) intended to provide protection against gunfire, with the exception of police body armor and ballistic helmets, which are the topic of individual NIJ performance standards. Many different types of armor are now available that range in ballistic resistance from those designed to protect against small-caliber handguns to those designed to protect against high-powered rifles.

NIJ standard - Quick Reference Chart with Basic Data

NIJ Type I		NIJ Type II-A	
Projectile Caliber Cartridge Type Velocity range	.22 Long Rifle High Velocity 40 grain Lead 1010 to 1090 ft/sec.	Projectile Caliber Cartridge Type Velocity range	9mm Parabellum 124 grain Full Metal Jacketed 1050 to 1130 ft/sec.
Projectile Caliber Cartridge Type Velocity range	.38 Special 158 grain Round Nose Lead 800 to 900 ft/sec.	Projectile Caliber Cartridge Type Velocity range	.357 Magnum 158 grain Jacketed Soft Point 1200 to 1300 ft/sec.
Notes:	This type of armor also provides protection against lesser threats such as 12 gauge No. 4 lead shot and most handgun rounds in calibers 25 and 32.	Notes:	This type of armor also provides protection against lesser threats such as 12 gauge 00 buckshot, 45 Auto., 38 Special (P and some other factory loads in caliber 357 Magnum and 9 mm.)
NIJ Type III		NIJ Type III-A	
Projectile Caliber Cartridge Type Velocity range	.30 7.62 NATO 147 grain M80 2700 to 2800 ft/sec.	Projectile Caliber Cartridge Type Velocity range	.44 Magnum 240 grain Semi Wad Cutter 1350 to 1445 ft/sec.
Notes:	This type of armor also provides protection against most lesser threats such as 223 Remington (5.56 mm FMJ), 30 Carbine FMJ, and 12 gauge rifle slug.	Projectile Caliber Cartridge Type Velocity range	.9mm Parabellum 124 grain Full Metal Jacketed 1350 to 1450 ft/sec.
		Note	This type of armor provides protection against most handgun threats.
NIJ Type IV			
Projectile Caliber Cartridge Type Velocity range	.30 30-06 186 grain M2 Armor Piercing 2800 to 2900 ft/sec.		
Notes:	This type of armor also provides at least double hit protection against most high powered rifles contemplated in NIJ Level III.		

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