



Overlord Vehicle Panels are designed and manufactured in the USA according to strict quality guidelines using state of the art manufacturing equipment and processes. Built to exceed military and law enforcement standards, the Overlord Vehicle Panels are superior to other products on the market today. When it comes to weight, performance and cost there is no comparison. Overlord vehicle panels are designed to withstand ballistic and shrapnel threats of all types based on level of protection desired. Vehicle armor panels can be manufactured for a variety of vehicles. Overlord vehicle panels are versatile and help to improve ballistic protection for military, law enforcement and other security personnel when occupying a vehicle with properly installed Overlord Vehicle Panels.

**Design**

The Overlord Vehicle III++ is batch tested to be 0101.06 compliant and is designed to defeat Level III threats from high velocity rifle threats The III++ is a Lightweight UHMWPE (Ultra High Molecular Weight Polyethylene) based hard armor panel with proprietary advanced ballistic matrix material components.

- Protection: Level III
- Positive Buoyancy: Product is hydrophobic and floats in water
- Threat Compliant: 9.6 g (148 gr) 7.62x51mm NATO M80 ball bullets at a velocity of 847 m/s ± 9.1 m/s (2780 ft/s ± 30 ft/s)
- Also provides protection against the threats mentioned in [Types I, IIA, II and IIIA]
- Multi-hit capabilities
- Condition tested from -15°C (5 °F) with 0% humidity to 65 °C (149 °F) with 80% humidity
- Shape & Cut is dependent on vehicle make, model and year
- Thinness: 1.15"

In addition to the 0101.06 protocol, the Overlord Vehicle III++ exceeds the DEA protocol 2009 standard for the following:

- M855/SS109: Tested Stand Alone to DEA Protocol 2009 and the 0101.06 standards
- M43/PS Ball MSC: Tested Stand Alone to DEA Protocol 2009 and the 0101.06 standards
- .223 60gr Partition: Tested Stand Alone to DEA Protocol 2009
- M193 Tested Stand Alone to the 0101.06 standards
- 7.62x39 API BZ Tested Stand Alone to the 0101.06 standards
- 7.62x54R LPS Tested Stand Alone to the 0101.06 standards

**Warranty**

5 years on all ballistic material excluding exterior cover

**Terms of Sale**

The above mentioned product is controlled for export purposes by the [U.S. Department of State](#) and cannot be sold to foreign persons within or outside the United States without government approval through an export license. You must further agree that the items being purchased will not be redirected or exported without first obtaining permission from the U.S. Government through the U.S. Department of State Directorate of Defense Trade Controls. Failure to follow these guidelines will result in our refusal of sale.

**Condition Testing**

This test is a four step process consisting of: (1) a 24-hour acclimation period to ensure all items at any intended climatic test location will start with the same conditions, (2) a 10-day uniform thermal exposure, (3) a 24-hour variable thermal cycle exposure, and (4) a mechanical durability test

<u>STEP</u>	<u>TESTING TIME</u>	<u>TEMPERATURE</u>	<u>HUMIDITY</u>
1	24 HOURS	25 °C ± 10 °C (77 °F ± 18 °F)	20% TO 50%
2	10 DAYS	65 °C (149 °F)	80%
3	2 HOURS	25°C (77 °F)	50%
3	2 HOURS	15°C (59 °F)	N/A
3	2 HOURS	5°C (41 °F)	N/A
3	2 HOURS	-5°C (23 °F)	N/A
3	2 HOURS	-15°C (5 °F)	N/A
3	2 HOURS	0°C (32 °F)	N/A
3	2 HOURS	15°C (59 °F)	N/A
3	2 HOURS	30°C (86 °F)	50%
3	2 HOURS	45°C (113 °F)	50%
3	2 HOURS	60°C (140 °F)	50%
3	2 HOURS	75°C (167 °F)	50%
3	2 HOURS	90°C (194 °F)	50%

STEP 4 (MECHANICAL DURABILITY) ARMOR PANEL WAS CONNECTED TO A WEIGHTED OBJECT CONTAINING 10 LBS. OF BACKING MATERIAL AND THE MEASURED IMPACT DISTANCE WAS: 122 CM (48 IN.)