



Spall Liner

Add-On Interior Protective Armor

LAST Armor® (Light-appliqué Armor Systems Technology) Spall Liner is an interior vehicle armor that provides protection against small caliber ballistics and fragments on a variety of military tactical and armored vehicles. This patented armor solution ensures maximum protection with the flexibility to fit various vehicle types. Since its introduction in 2005, QinetiQ’s Spall Liner has earned the reputation of saving lives and protecting assets.

Proven Protection

Deployed worldwide, Spall Liner has provided superior protection to military vehicles and personnel. LAST Armor® products have been used in active conflicts for over 25 years. It is in use with US and allied armed forces in over 40 different vehicles/vehicle variants.

Flexibility

Spall Liner is designed to accommodate a variety of configurations tailored to the vehicle platform and threat requirements. Its attachment system is similar to the common hook-and-loop fastening system yet five times stronger. Installation and removal is quick, simple and can be made in the field without special tools. Spall Liner does not interfere with the vehicle’s inside mechanical and electrical components.

Key Features and Benefits

- Modular and permanent solutions
- Configurable
- Lightweight
- Superior hook and loop strength
- Simple and quick installation
- Combat proven and reputable
- Insulation and padding on vehicle walls offers a more comfortable ride
- Protects critical protection to valuable military assets
- Provides critical protection to end user
- Saves lives

Specifications

Spall Liner Performance (V-50) Tested per MIL-STD-662

Areal Density	17gr FSP	44gr FSP	207gr FSP
2psf	2,040 ft/s	1,855 ft/s	1,552 ft/s
3psf	2,778 ft/s	2,449 ft/s	2,003 ft/s
4psf	3,061 ft/s	2,505 ft/s	2,094 ft/s

*Approximate weight



Spall Liner is Flexible, scalable, and easy to fit to complicated coverage areas to fit the protection needs of the user.

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For further information
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Collaborating with QinetiQ

At QinetiQ we bring organizations and people together to provide innovative solutions to real world problems, creating customer advantage. Working with our partners and customers, we collaborate widely, working in partnership, listening hard and thinking through what customers need. Building trusted partnerships, we are helping customers anticipate and shape future requirements, adding value and future advantage.

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