



DUPONT®

**Kevlar.**

## **DUPONT™ KEVLAR® ACV-770: REDUCING THREATS ON THE ROADPROTECTION**

### **Effective vehicle protection from DuPont™ Kevlar® ACV-770**

With many military fatalities and serious injuries happening during transport, improving vehicle protection is one of the key ways of keeping personnel safe. DuPont™ Kevlar® ACV-770 is a thermoplastic ballistic liner solution that provides additional protection for armoured vehicles by shielding those inside from bullets and fragments.

The internal vehicle liner that combines full thermal compliance with commercial vehicle requirements and excellent ballistic performance, Kevlar® ACV-770 provides lightweight solutions that can be shaped to fit the tightest of corners. When a vehicle becomes a target, DuPont™ Kevlar® ACV-770 adds protection.

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### WHY CHOOSE DUPONT™ KEVLAR® ACV-770?

- High ballistic performance: increases survivability in combat
- Low back face deformation and reduced edge effects even at elevated temperatures
- Resists extremes of temperature encountered in vehicle liners (-50°C to 120°C)
- Provides lightweight ballistic solutions, allowing vehicle performance to be maintained
- Available as a pre-laminated rolled-good in 1.30m
- Does not emit volatile organic content (VOC)
- Unlimited shelf-life
- Easy to process and integrate using standard thermoplastic composite processing methods
- Can be formed into complex shapes to cover angles and increase internal vehicle coverage
- Easy to install, integrate and bond
- User-friendly solution that improves overall vehicle protection

### THE DUPONT SCIENCE BEHIND DUPONT™ KEVLAR® ACV-770

Developed by DuPont, a science company creating sustainable solutions, DuPont™ Kevlar® ACV-770 combines the powerful performance of Kevlar® with proprietary thermoplastic resin technology – a combination that gives Kevlar® ACV-770 its resilience and formability.

The material combines cost efficient Kevlar® fibres, currently K29, and a DuPont patented thermoplastic resin technology, designed for durability and ballistic efficiency.

### TRIED AND TRUSTED SOLUTION

DuPont™ Kevlar® ACV-770 is one of a wide range of life protection products based on DuPont™ Kevlar® aramid fibre. First developed by scientists from DuPont in 1965 using groundbreaking liquid crystalline polymer research, DuPont™ Kevlar® brand fibre is five times stronger than steel, yet lightweight and flexible. Continuously improved through innovation over four decades, it is trusted for military and police applications such as body armour, protective vests, helmets and vehicle armour, and has helped save thousands of people from death or serious injury.

In ballistic testing DuPont™ Kevlar® ACV-770 proved to be an excellent, weight efficient, ballistic protective material.

### TO FIND OUT MORE ABOUT DUPONT™ KEVLAR® ACV-770, PLEASE CONTACT YOUR LOCAL DUPONT REPRESENTATIVE.

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