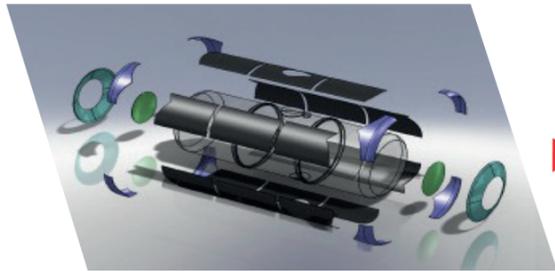


AVAILABLE
IN KIT FORM
EASY PROCESS
NO SPECIFIC TOOLS



\ Protection Kit Installation

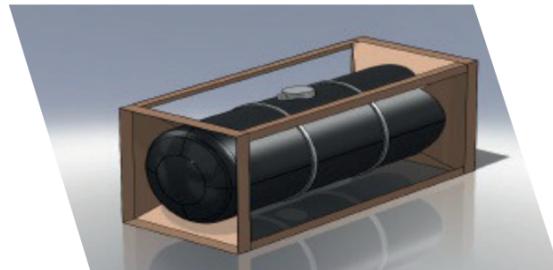
► **Custom Design / Retrofit**

Every application, regardless of it being a retrofit or a new vehicle variant, can be engineered to your specifications.

► **Solution :** Protection is provided in **KIT FORM** to the end user for a **local fitting on the original fuel tank** following easy instructions with very limited tooling required.



\ Finished Protected Tanker



► **Easy Installation & Painting**

Tankers require maintenance and camouflage. The tank must be easily accessible for such application.

► **Solution :** The kit construction of the tank allows for **easy access for quick repairs** as needed. The coating is also **paintable**.



► **Possible Repairable**

Tankers require repair after local damage.

► **Solution :** In cases of impact the tank protection **can be locally repaired with a patch and then painted**.



Conception & réalisation : ESCAPE www.escape-com.fr - Crédits photos : Hutchinson - HUTHTANKPRO2014

TANKER PROTECTION



We make it **possible**

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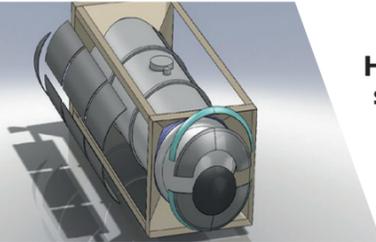
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Hutchinson, the world leader in mobility systems, has provided solutions to the military and off-road markets for over 80 years. Hutchinson offers fuel Tanker protection that guards the vehicle and its crew from the dangerous effects of ballistic and shrapnel impacts.

HUTCHINSON Tanker Protection



Seal the Tank, Complete the Mission. All types of vehicles can be subjected to the dangers of explosion caused by gunfire, mines and IED's shrapnel. To increase survivability, a vehicle with the appropriate protection is required. Vehicles equipped with fuel tank protection have a greater chance to complete missions and return crews safely.

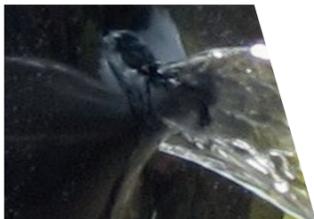


\ Unprotected fuel trucks

▶ Ballistic protection

Regardless of the conditions, if a fuel tanker is punctured, shot, or encounters heavy impacts, then fuel leakage has to be prevented. **Sealing a wound maintains vehicle mobility, reduces risk of explosion, and eliminates loss of fuel.**

▶ **Solution :** Hutchinson Protected Fuel Tankers are specially developed with a self sealing outer coating. **Entry and exit holes seal instantly**, retaining the fuel inside the tank and minimizing the potential ignition of spilled fuel. Coatings provide ballistic protection of **up to 7.62 NATO/AP, 50cal/12,7mm**, and higher. It also provides protection against shrapnel from IED's, mines, & RPG's.



\ Fuel leakage



\ 7.56mm, 7,62mm, 12,7mm



\ 7.62 ballistic test: before impact



\ Impact, no leaks



\ After impact, no leaks



▶ Abrasion Resistant & Flame Retardant

Tankers are subjected to the rough conditions of both the terrain and weather.

▶ **Solution :** The outer layer of the Protected Tankers are **very robust**. They will **survive the harsh conditions** seen by military off-road vehicles. Resists damage from puncture and abrasion. Its special formula is self extinguishing and provides resistance to UV.



▶ Cost Savings

One tanker carry thousands of liters of fuel. The **cost per liter can be extremely high**. Especially in operation. If a tanker is attacked **millions of dollars could be lost** due to fuel leakage from ballistic impacts.

▶ **Solution :** The Hutchinson self sealing design prevents leaks from occurring. **Preventing the loss** of valuable fuel and potentially the tanker itself.



▶ Lightweight Solution

Tankers made of steel or protected with armor plates add a significant amount of weight. Any **reduction of vehicle weight** allows for more dedicated cabin armoring, increased payload, improved fuel mileage, and optimized suspension/dynamic behavior.

▶ **Solution :** With a Hutchinson protected tank solution there is no need for armored plates. **The self sealing coating is 6 to 10 times lighter than standard armoring.**

