



Your Vehicle
Security Specialist

TSS International official distributor for:



TSS International Armour Mobility

Specialists for:

- Military Runflat systems
- Civilian Runflat systems
- Brake systems for armoured vehicles
- Protected fuel tanks
- Two-piece wheels with bead locks
- Vehicle intercoms
- Tyre pressure monitoring and adjustment systems
- Impact absorption Skydex

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TSS ProtecTank 11/17 V6



TSS ProtecTank® benefits

- Self-Sealing
- Prevents leakage caused by gunfire
- Tested by TNO Laboratories, Netherlands
- Tested by Beschussamt, Germany
- Original fuel tank applications
- Minimal additional weight
- Fuel Capacity reduction less than 3%
- Explosion suppressant (only upon request)

For more information, please visit:
www.protectank.com
 or go to
www.tssh.com



ARMOUR
mobility



TSS Protected Fuel Tanks





Avoid the danger of leakage and fire with TSS ProtecTank®

Prevent this, choose TSS ProtecTank®

'Convert your existing fuel tank into a TSS ProtecTank!'



TSS Protected fuel tanks are manufactured with self-sealing and flame-retardant coatings.



A must for all armoured vehicles is the TSS ProtecTank®. Suitable for most types of transportation, it provides crucial protection with a significant weight reduction in comparison to conventional armour around your fuel tank. Your original fuel tank is converted to a ProtecTank® by means of several protection levels against leakage, fire and an option for explosion suppressant. Leakage is stopped by a protective layer which self-seals after the fuel tank has been punctured. The surface of ProtecTank® treatment is a flame retardant layer, which will slow down the effect of open fire on your fuel tank, preventing it from igniting.

Danger of explosion is limited to a minimum by inserting a safety foam (only upon request).

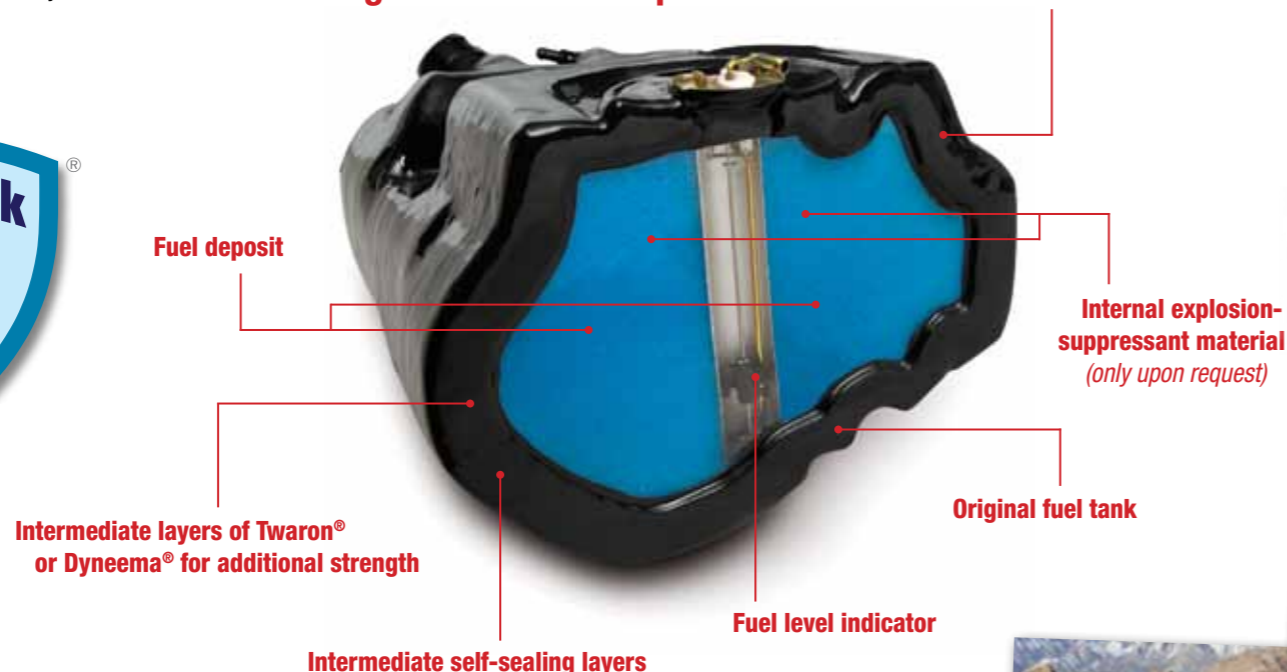


TSS ProtecTank® offers different levels of protection

Tank treatment	Protection level	Additional weight per 100 liter fuel tank	Life expectancy	Self Sealing properties	Explosion-Suppressant material
Explosion-Suppressant & Flame Retardant	All handguns	± 5 kilograms	> 10 years	N/A	Explosafe or Safety Foam
Explosion-Suppressant & Self-Sealing & Flame Retardant	All handguns	± 20 kilograms	> 10 years	All handguns	Explosafe or Safety Foam
Self-Sealing & Flame Retardant	All handguns	± 12 kilograms	> 10 years	All handguns	Optional
Self-Sealing & Flame Retardant	12.7 mm	± 25 kilograms	> 10 years	All handguns	Optional
Self-Sealing & Flame Retardant	14.5 mm New development				

Self Sealing material build-up

External flame retardant coating



TSS ProtecTank® for armoured cars

Original fuel tank applications with a minimal additional weight. The external surface of a fuel tank is coated with self-sealing materials to prevent leakage and fire. The final outer coating is flame retardant according to UL94 Standards. Depending on the shape of the fuel tank the danger of explosion can be limited to a minimum by inserting a safety foam (only upon request).

ProtectoTank® has undergone ballistic tests with several types of ammunition

Independent tests have been carried out by the TNO Laboratory in Holland and the Beschussamt in Germany. The self-sealing materials are specifically developed and are capable of sealing entrance and exit holes caused by multiple shots and/or heavy fragmentation impacts. Original fuel tanks modified to be able to survive ballistic and explosion attacks have been tested successfully.

