



Why gamble?... when you can fit TSS ProtecTanks.



- Prevent Explosions.
- Prevent leakage caused by gunfire.
- Original fuel tank applications.
- Minimal additional weight.
- Approved by TNO Laboratories, Netherlands.
- Approved by Beschußamt, Germany.

Would you like to know more about this product, visit

www.tssh.com



Avoid the danger of fire and explosion with **TSS ProtecTanks.**

TSS Explosion-Suppressant fuel tanks are manufactured using either a flexible, open-pored polyurethane safety foam, or a matrix of expanded aluminium alloy cylinders or spheres.



Convert your existing fuel tank into an TSS explosion-suppressant & self-sealing fuel tank.

For high demands, an anti-static polyether open cell SAFECREST Safety Foam Grade I or II can be applied according to requirements.

The use of these products virtually eliminates the danger of explosion caused by gunfire, lightning or electrical ignition. Sloshing caused by movement is also minimised, giving greater stability. Suitable for fuel tanks on any type of transportation. Fuel flow remains constant. Instead of retaining fuel, it is passed at a controlled rate predetermined by the size of the structure. TSS ProtecTanks are maintenance free and weight friendly.

Additional to the above specified explosion suppressants, existing tanks can also be equipped with a specially developed and patented fuel-swellable material for maximum protection. This specially developed coating prevents most leakage caused by ballistic or impact damage.

Protection against all handguns, including 3.57 and .44 Magnum, 5.56 and 9 mm Nato and 7.62 AP ammunition. An improved protective coating is available against the threat of the .50 calibre and the 12 calibre Brenneke® ammunition in conjunction with certain modifications.

TSS also offers an additional treatment against the threat of blasts and shrapnel. The tanks incorporate a number of layers of Kevlar® aramide fibres and protective polyurethane coating, also available in flame-retardant version for most applications.

Modification possible to existing Steel, Alloy, HDPE or Bladder tanks. In 90% of all modifications the O.E.M. tanks can be used. However, TSS can also offer custom-made ProtecTanks.



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