

T-LINER



T-LINER is an additional armoring solution designed to significantly increase crew protection and survivability in civilian as well as military armored vehicles.

T-LINER is a bulletproof and anti-splinter low density material, enabling to ensure a high level of ballistic protection, notably in case of multi-hit impacts, while keeping as low as possible the vehicle weight area density. Our solution has been certified through a wide range of ballistic certifications.

T-LINER specific design provides excellent mechanical properties. Besides its composition is toxic-emanation free, and resistant to fire; its properties are not deteriorated while exposed to humidity or ozone. Very stable, T-LINER lifespan is above 20 years.

TENEXIUM is offering a large range of protection according to most used worldwide standard: AEP 55, EN-1522, VPAM, GHOST, MIL, NIK, etc.

T-LINER can be used on a stand-alone basis or in combination with other armoring materials (steel, ceramic, etc.) in order address the highest and most sophisticated threats.



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/// ADAPTABILITY

T-LINER range is proposed with various thicknesses and allows an easy integration in various vehicles configurations.

/// CERTIFICATION

T-LINER range was tested and certified according to international standard, in stand-alone and also combined with additional material. Tests were performed on a wide temperature range from -32°C till +49°C, while **T-LINER** is confirming a full protection ability.

/// INTEGRATION

T-LINER is manufactured under panels of 1220x2440mm (4'x8'). We could also deliver parts cut at size. Installation of **T-LINER** is ensured by gluing and/or mechanical fastener, ensuring a perfect homogeneity with the structure and of course the protection efficiency.

/// SUSTAINABLE DEVELOPMENT

Recycling and be environment friendly is a strength of **T-LINER**, you can recycle the panels once the vehicle or the structure must be dismantled or upgraded. In addition, the composition of **T-LINER** is not toxic, from its production, during its life and even in case of combustion.



Areal density ~ 1,3



Lifespan > 20 years



No toxic gases during combustion



COV, CMR* free



No water effect



Ozone and UV resistant

* COV = Volatile, Organic Compound
CMR = Carcinogenic, Mutagenic, Reprotoxic