

Engineering Specification for : **Safety TechnoShield® FG-PTFE TFE-TRX**

Safety TechnoShield® Type TS shall be installed on all Flanged Joint connection for hazardous fluids Pipelines.

Safety TechnoShield® Type TV shall be installed on all Valves for hazardous fluids Pipelines.

Safety TechnoShield® Type TE shall be installed on all Expansion Joint for hazardous fluids Pipelines.

- Material:** Impermeable textile, weight 250 g/m² FG-PTFE, thickness 0,127mm, 58% Teflon® by weight. Pressure Impregnated Fiberglass with PTFE.
- Attachments:** Loop and hook strips sewn on opposite ends of shield for ease of installation.
- Closures:** All components of shield are sewn together using e- PTFE.
- Drawcords:** 2,5mm diameter, pure e-PTFE cord.
- Leak indicator:** Lithmus pH indicating patch inserted behind clear FEP window.
- Locking system** Special knot locker material, on request
- Other:** Shields are chemical resistant, UV resistant.
Temperatures: - 150°C /+ 260°C

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Important notice: Technoshields are not seal or leak proof. The resistance of Technoshield depends on the size and fluid dynamics of the leakage.