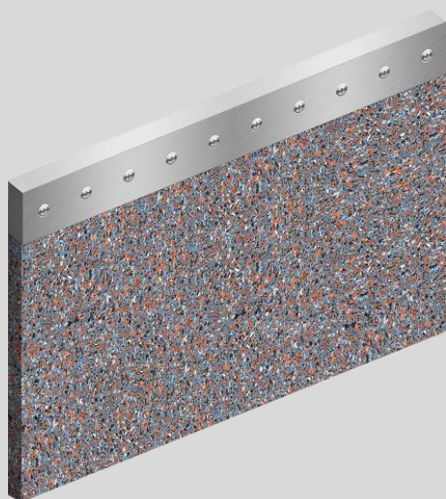




Benefits & Features

- ✓ Tested protection of splinters and fragments from projectiles up to 7,000 joules
- ✓ Effective reduction of residual energy released by projectile fragments
- ✓ A flexible system for use in front of various bullet trap geometries, overhead baffles screens or as an additional protective curtain.
- ✓ Increases safety in the shooter's immediate environment and in the target area.
- ✓ Low installation effort and easy integration into existing systems

Government & Defence

- ✓ NATO CAGE-registered manufacturer (NCAGE: **CF121**)

**DOWNLOAD INSTALLATION
RECOMMENDATION**

Product data sheet no. 9172 - R-05 | Issue: September 2026
previous product name: SPORTEC® fragsafe

SHIELDTAC® fragsafe

SHIELDTAC® fragsafe, previously known as **SPORTEC® fragsafe**, is a specially developed splinter protection curtain used in the bullet trap area, in front of overhead baffles or as a safety curtain.

Material

Material	PU-bonded rubber
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Product Design

Colour(s)	multi-coloured
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low colour differences are conditional of material

Dimensions / Weight / Tolerances

Thickness(es)	6, 8 and 10 mm (± 0.3 mm) (other thicknesses upon request)
Roll width	1,250 mm (± 1.5 %)
Roll length	20 m (at 6 mm) 15 m (at 8 mm) 12 m (at 10 mm) Tolerance: (± 1.5 %)
Density	approx. 1050 kg/m ³
Area weight	approx. 6,3 kg/m ² (at 6 mm) approx. 8,4 kg/m ² (at 8 mm) approx. 10,5 kg/m ² (at 10 mm)

Product Testing

Tensile strength	min. 0,8 N/mm ² (EN ISO 1798)
Elongation at break	min. 125 % (EN ISO 1798)
Hardness	60 ± 5 Shore A (DIN 53505)
Temperature range	-30°C to 80°C (internal test)
VOC-emission rating	French VOC Regulation AFFSET (A+)
Resistance	resistant: UV (DIN EN 1297)

Ballistic Tests

Testing Institute	Test basis
Authorised Shooting Range Expert Werner J. Wagner	In accordance with Section 27a and 58 (23) of the Weapons Act on the prevention of ricocheting and deflected projectiles (splinter protection), Expert Report 212/2025, Energy range: 200–7,000 J

We can provide further information and full test reports upon request.

Note: **SHIELDTAC® fragsafe** is intended for projectile energies of 200 J or more.

Sustainability

Recycling content > 80%

Storage Advice

The goods should be stored in a dry, clean and well-ventilated indoor area to prevent moisture and mould growth. Direct sunlight, UV exposure, strong heat sources and significant temperature fluctuations should be avoided.

Installation

Installation has to be done in accordance to the Installation Recommendation of **SHIELDTAC® fragsafe**. The latest version of the Installation recommendation can be downloaded from the website of KRAIBURG Relastec GmbH & Co. KG.

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