TECHNICAL DATA SHEET

TERRAFIT®

Fitness Solutions by TERRAIN

TerraFit® – TARGET BACKING CURTAIN

ABOUT

TerraFit® target backing curtains are designed to enhance shooter safety by controlling bullet backs platter and minimizing noise in indoor ranges. Made from premium natural rubber, these curtains self-heal upon bullet impact, leaving only a pin-sized hole. They are highly durable, resisting cuts and tears even after thousands of rounds, and can be easily rotated or patched to extend service life. Trusted by military, police, and commercial ranges worldwide.

PERFORMANCE ATTRIBUTES

- Controls dangerous back-splatter and ricochet.
- Reduces noise - damping reflected noise from the backstop.
- Self-Healing – Even after being penetrated with a bullet, only a pin sized hole is left.
- Long wear life – Able to withstand thousands of rounds of repeated shooting, with a wide variety of calibers and power.
- Improved air flow- Allow air from up range to be drawn over and under the curtain and through the backstop ventilation system.

DIMENSIONS

- Size Range/Availability: Standard sheet size: 1.2m x 10m
- Customised sizes available upon special request
- Thickness (mm): 1 mm to 30 mm (more thicknesses available upon special request)

MATERIAL

- Natural Rubber

COLORS

- Standard colors available

TECHNICAL DATA

PROPERTY	TEST METHOD	UNITS	TEST RESULTS
Hardness	ASTM D2240	(IRHD)	38
Tensile Strength	DIN 53504 / ASTM D412	MPa	25 MPa
MODULUS @ 500%		MPa	2.0
Elongation at break	DIN 53504 / ASTM D412	%	≥810
Specific Gravity	DIN 53508 / ASTM D297	g/cm³	≥0.95
Tear Strength	DIN 53515 / ASTM D624	N/mm²	≥42
Resilience	ASTM D 638/ EN ISO 527	%	≥82
Operating temperatures	EN ISO 306	°C / °F	-40°C to +70°C/ -40 °F to +158 °F|

*The values & properties stated above are carried out in accredited external lab for the component used in the production. However, they do not constitute a guarantee for a specific product feature & do not establish a legal contract

CERTIFICATIONS

ISO 9001:2015

ASTM INTERNATIONAL E648, E492, E2179 E648, E3152-18

LABOSPORT EN1177, EN71

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