



StormShield 90

Twitchell OmegaTEX™ (10%)

AVAILABLE COLOURS

**Tumbleweed
T18MIT004**



**Espresso Texture
T18MIT003**



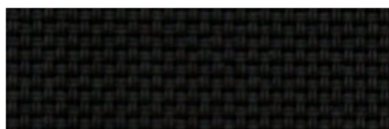
**Tobacco
T18MIT001**



**Charcoal
T18MIT005**



**Flat Black
T18MIS001**



FABRIC SPECIFICATIONS

Stock Widths: 126"

Openness: 10 %

Composition: Vinyl Coated polyester and Dupont™ Kevlar®

Thickness: .035"

Weight: 17.3 oz/yd²

Fire Rating: NFPA 701
CAN/ULC-S109

Cleaning Info: Contact Manufacturer

Spline: SnapLoc

Railroading: No

Bacteria/Fungal Resistance: ASTM G21 / ASTM E2180



FLAME RESISTANT



LEAD FREE



ANTIMICROBIAL



GREENGUARD GOLD

Woven fabrics using .025" diameter vinyl coated 1,000 denier polyester and Dupont™ Kevlar® core yarns.

If you require fabric samples please go to: www.frasershading.com/contact

Actual fabric colours may vary from pictures | Fabric stock levels may vary

Openness factors are approximate | Mockups are recommended

Specification subject to change without notice | ©Fraser Shading Systems 2026

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Technical Data

Product Number: StormShield 90 - T18MIT, T18MIS | StormShield 95 - T18MUT, T18MUS

Product Description: Woven fabrics using .025" diameter vinyl coated 1,000 denier polyester core yarns in warp and .025" diameter vinyl coated 1,000 denier **Kevlar®** core yarns in fill.

Attribute	ASTM	Warp		Fill		Typical	
		StormShield 90	StormShield 95	StormShield 90	StormShield 95	StormShield 90	StormShield 95
Construction, end/inch	D3775	19.0 ± 0.5	22.0 ± 0.5	19.0 ± 0.5	19.0 ± 0.5		
Weight, oz/yd ²	D3776					17.3	19.1
Openness Factor						10%	5%
Tensile Strength (grab), lbf	D5034	772	816	1267	1240		
Tensile Strength (strip), lbf	D5035	290	316	612	576		
Tear Strength (trapezoidal), lbf	D5587	66.7	72.1	194	136.4		
Elongation, %	D5035	34.8	34.4	7.7	7.3		
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No Exposure of Core Yarn					
Flammability Rating		CA Title 19 & NFPA 701					
Weatherability, 1200 hours	G154-16	No Discoloration					
Mildew Resistance	G21-13	Pass					
Thickness, inches / mm	D1777					0.035	0.04

The above results are a representation of real data from single test samples. Presently no specification is incorporated.

Product Disclaimer: OmegaTEX™ StormShield 90 & 95 is intended to be used, but not limited to, solar wind abatement exterior shading systems.

Twitchell does not endorse, or warrant, the OmegaTEX™ StormShield 90 & 95 as a hurricane screen.