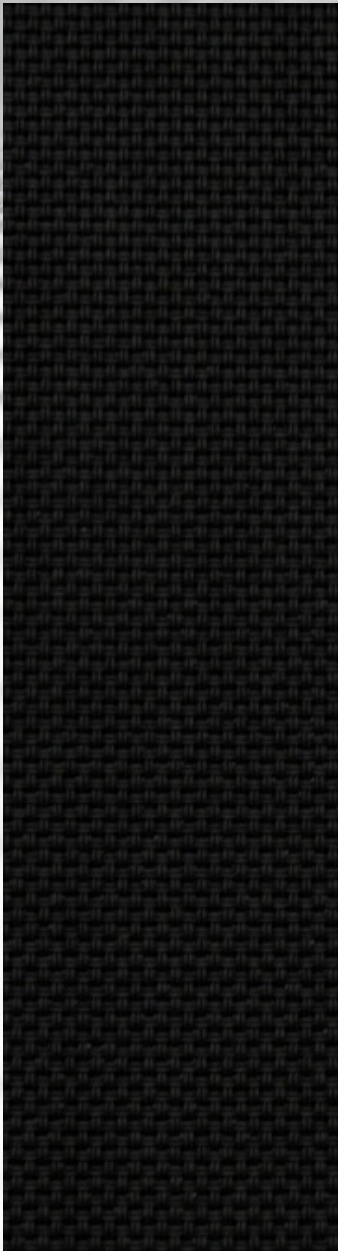


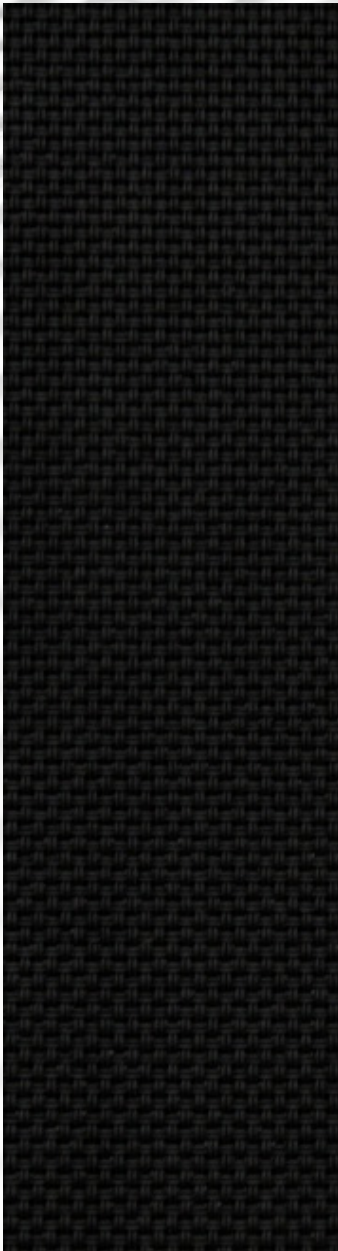


STORMSHIELD
OMEGATEX™ 90



T18MIS001
Flat Black

STORMSHIELD
OMEGATEX™ 95



T18MUS001
Flat Black

Due to the technical limitations of digital cameras and inconsistencies of display monitors, the characteristics and colors of the fabrics seen on your screen may be slightly different than the actual product.

Twitchell’s OmegaTEX™ StormShield 90 & 95, made with genuine DuPont™ Kevlar®, aims to revolutionize the exterior storm and wind abatement market. Driven by extreme weather disruptions and two times the strength of your traditional solar fabric, StormShield 90 & 95 with Kevlar® is a versatile, yet lightweight, fabric offering superior high wind protection while transforming any outdoor space into a comfortable oasis. Stocked in seven beautiful colorways, OmegaTEX™ StormShield 90 & 95 is Berry Compliant and 100% Made in the USA.

*Custom colors and widths available. Minimum order of 1000 yds. Upcharges may apply. ** Available in 33.3 lyd rolls.

Specifications

REACH Compliant - Regulated by Registration, Evaluation, Authorization and Restriction of Chemicals. REACH places greater responsibility on industry to manage the risks that chemicals may pose to human health and the environment.

Fire Classification - Passes California U.S. Title 19 (small scale), NFPA701-2015 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM #2 (large scale), and CAN/ULC-S 109-03 (large and small scale).

Bacteria and Fungal Resistance - Passes ASTM E 2180, ASTM G21. Includes specially formulated antimicrobial.

RoHS Compliant - Free of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE).

Children’s Toy Act - Does not contain harmful phthalates listed under Section 108 of the Consumer Product Safety Improvement Act of 2008 (CPSIA).

Environmental Certification - GREENGUARD gold certified. Acceptable for use in environments such as schools and healthcare facilities. Complies with requirements of the State of California’s Department of Public Health "Standard Method for Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1 (2010)" (also known as California Section 01350).

Warranty - Twitchell Technical Products, LLC produces durable, all weather fabrics that are unmatched for quality and durability. OmegaTEX™ brand fabrics are covered by a 15-year limited warranty for fixed & operable solar and wind abatement applications and 3-year limited warranty for all other end uses from the original date of purchase.

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/yd²	D3776					17.3	19.1
Openness Factor						10%	5%
Tensile Strength (grab), lbf	D5034	772.0	816.0	1,267.0	1,240.0		
Tensile Strength (strip), lbf	D5035	290.0	316.0	612.0	576.0		
Tear Strength (trapezoidal), lbf	D5587	66.7	72.1	194.0	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	0.040

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.



Kevlar® is a trademark of affiliates of DuPont de Nemours, Inc.



REACH COMPLIANCE



GREENGUARD GOLD



FLAME RESISTANT



LEAD FREE



ANTIMICROBIAL



BERRY COMPLIANT



RoHS COMPLIANT



LIMITED WARRANTY



TOY ACT



MADE IN USA

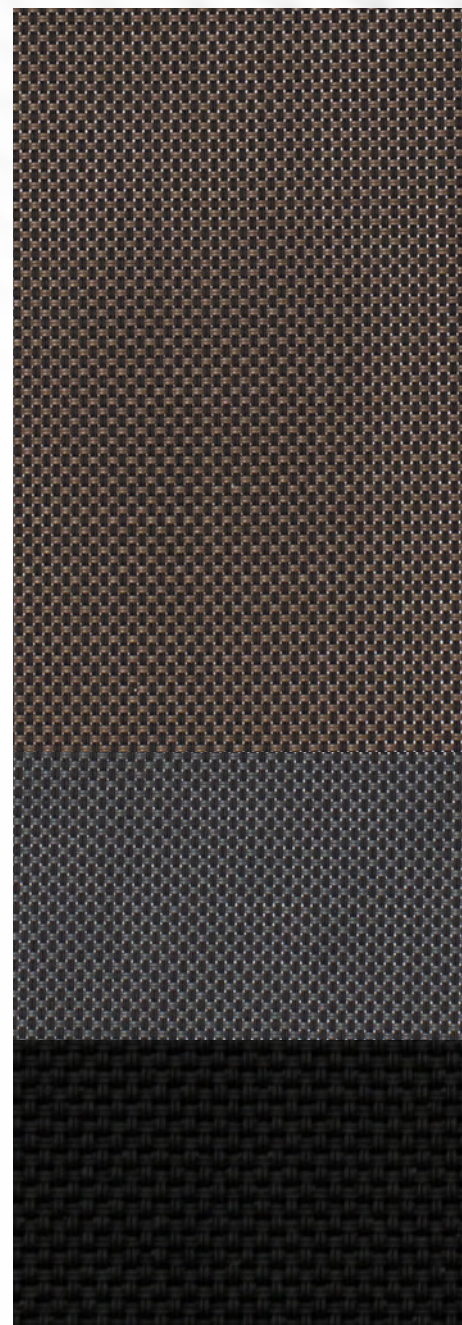


Mojave Desert
StormShield 90
T18MIT006 x 126"
StormShield 95
T18MUT006 x 126"

Tumbleweed
StormShield 90
T18MIT004 x 126"
StormShield 95
T18MUT004 x 126"

Espresso Texture
StormShield 90
T18MIT003 x 126"
StormShield 95
T18MUT003 x 126"

Granite
StormShield 90
T18MIT002 x 126"
StormShield 95
T18MUT002 x 126"



Tobacco
StormShield 90
T18MIT001 x 126"
StormShield 95
T18MUT001 x 126"

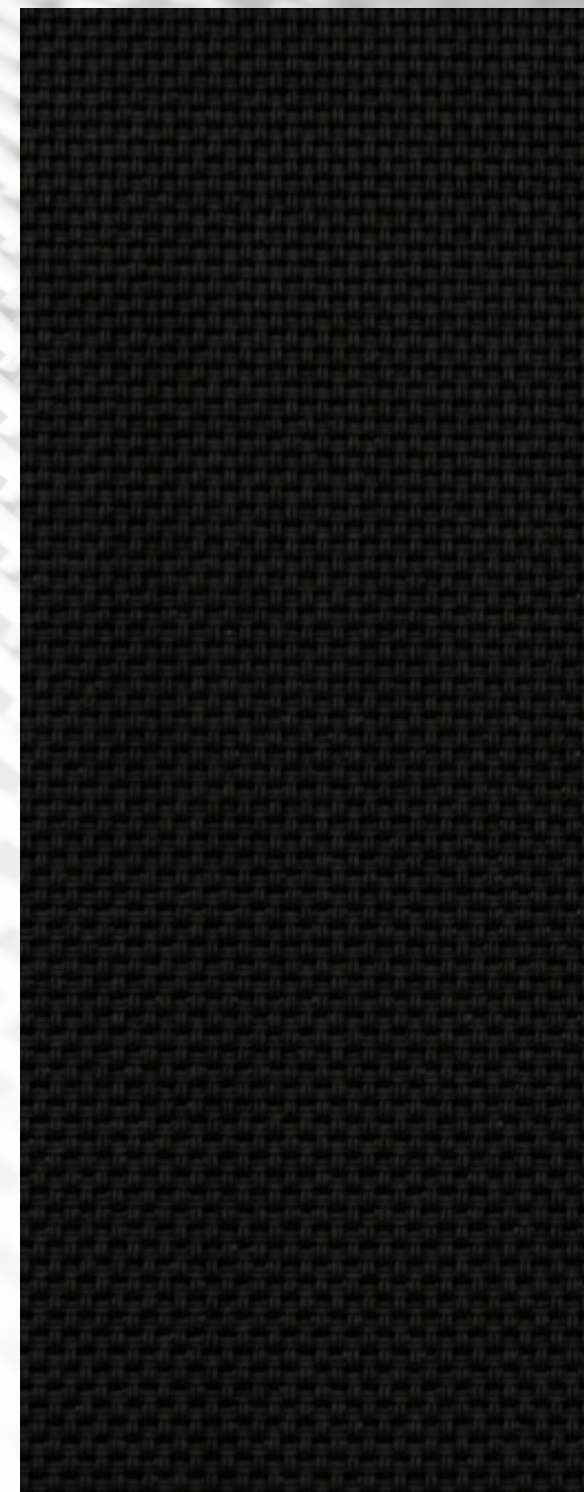
Charcoal
StormShield 90
T18MIT005 x 126"
StormShield 95
T18MUT005 x 126"

Flat Black
StormShield 90
T18MIS001 x 126"
StormShield 95
T18MUS001 x 126"

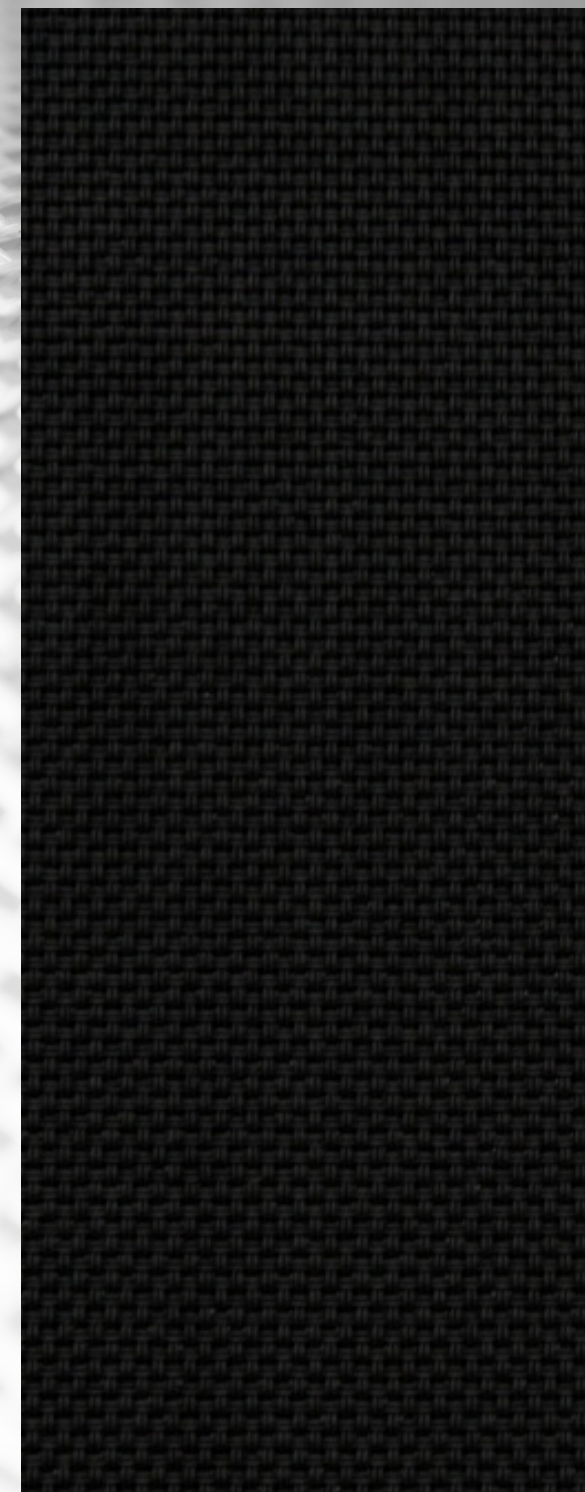
ENGINEERED WITH
DUPONT
Kevlar®

**STORMSHIELD
OMEGATEX™ 95**

**STORMSHIELD
OMEGATEX™ 90**



T18MUS001
Flat Black



T18MIS001
Flat Black