

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.

T18FVS026  
Flat Black

TEXTILENE® nano™ 95 is a durable, yet lightweight synthetic fabric. It is lighter and finer with the same technical qualities as the original TEXTILENE®. TEXTILENE® nano™95 is excellent for exterior and interior use and can reduce energy costs while blocking up to 95% of the sun’s harmful rays.

## 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.

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

**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).

**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).

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

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



## Technical Data

**Item Number:** T18FVS, T18FVT

**Product Description:** A woven fabric using .014" diameter vinyl coated 420 denier polyester core yarns woven in the warp and fill.

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-17	36.0 ±0.5	34.0 ±0.5	
Weight, oz/yd <sup>2</sup>	D3776-09			14.7
Weight, g/m <sup>2</sup>	D3776-09			498.5
Tensile Strength (grab), lbf / daN	D5034-09	423.6/ 192.1	382.2/ 173.4	
Tensile Strength (strip), lbf / daN	D5035-11	218.5 / 99.1	188.4 / 85.5	
Tear Strength (trapezoidal), lbf / daN	D1117-99	58.4 / 26.5	42.2 / 19.1	
Elongation, %	D5035-11	12.7	11.6	
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	D1777-15			0.026 / 0.66
The above results are a representation of real data from single test samples. Presently no specification is incorporated.				

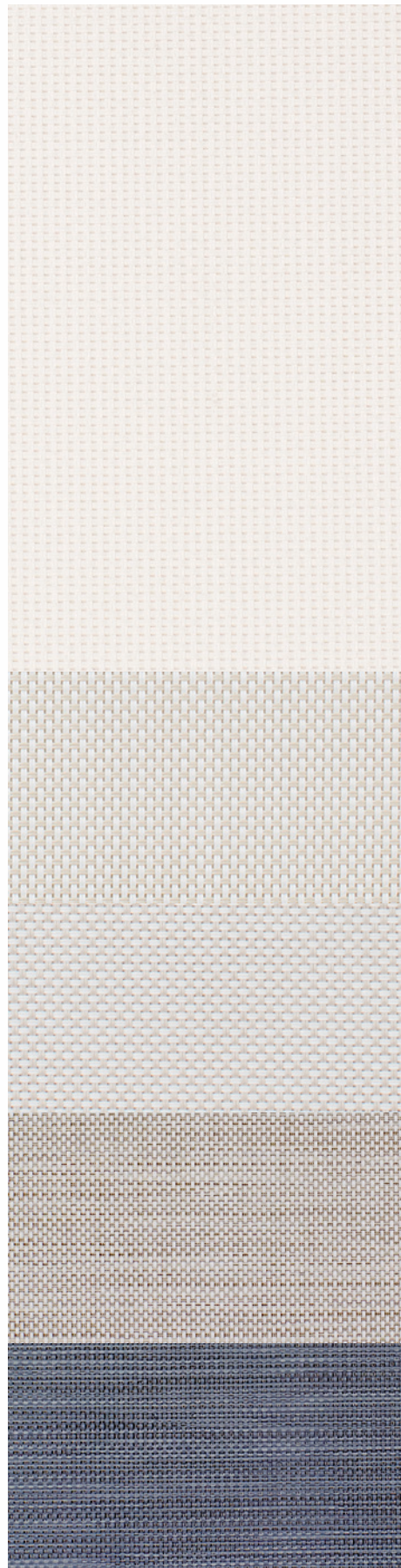
Fenestration Properties for Twitchell Shade Material Exterior Use  
45 Degree Profile Angle

DISTRIBUTED OR MANUFACTURED BY:

Description	Total Solar			Visible			Insulating Glass		
	Ts	Rs	As	Tv	Rv	Av	1/2" Clr.	1" Clr.	1" HA
Black	5	8	87	6	9	85	0.11	0.11	0.11

**\*Custom colors and widths available. Minimum order of 1000 yds. Upcharges may apply. \*\* Available in 28 lyd rolls.**





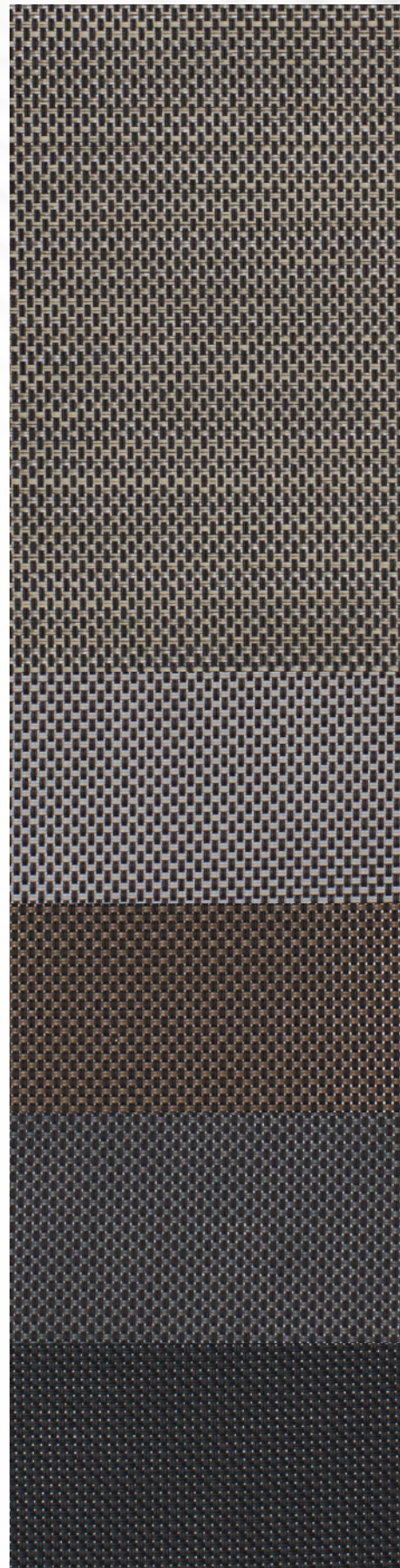
White  
T18FVS025 x 126"

Bone  
T18FVT057 x 126"

Sable  
T18FVT056 x 126"

Stone Texture  
T18FVT058 x 126"

Shadow Texture  
T18FVT055 x 126"



Espresso Texture  
T18FVT061 x 126"

Granite  
T18FVT059 x 126"

Tobacco  
T18FVT054 x 126"

Charcoal  
T18FVT060 x 126"

Flat Black  
T18FVS026 x 126"



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