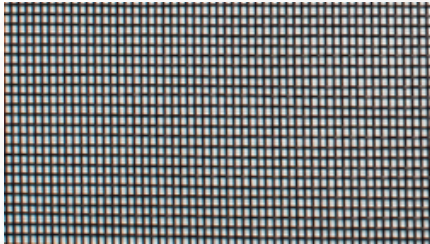




TEXTILENE® nano™

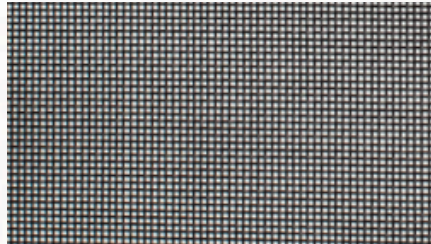
TEXTILENE® nano™ are durable, yet lightweight synthetic fabrics. Lighter and finer than the original TEXTILENE®, but with the same technical qualities. TEXTILENE® nano™ fabrics are excellent for both exterior and interior use. They are flame resistant, fade resistant, and can reduce energy costs while blocking a percentage of the sun’s harmful rays.

nano™ 50



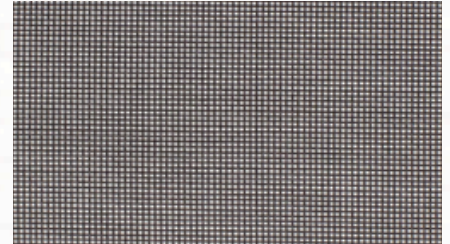
Product Number: T18FBS
Sun Blockage: 50%

nano™ 55



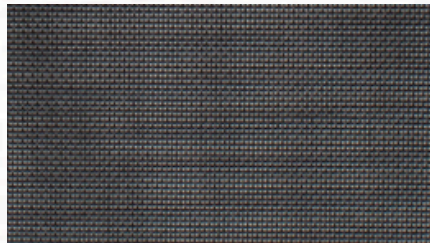
Product Number: T18FFS
Sun Blockage: 55%

nano™ 60



Product Number: T18FHS
Sun Blockage: 60%

nano™ 70



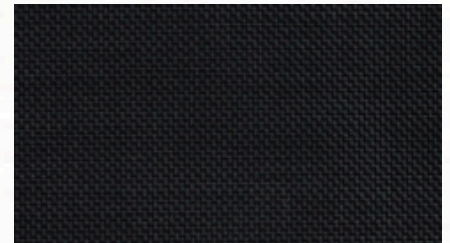
Product Number: T18F3
Sun Blockage: 70%

nano™ 95



Product Number: T18FVS, T18FVT
Sun Blockage: 95%

nano™ 97



Product Number: T18F4S, T18F4T
Sun Blockage: 97%

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.

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).

Bacterial & 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)”.



REACH COMPLIANCE



GREENGUARD GOLD



RoHS COMPLIANT



LEAD FREE



ANTIMICROBIAL



FLAME RESISTANT



PRINTABLE



TOY ACT



MADE IN THE USA



LIMITED WARRANTY



nano™50 and nano™55

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

Attribute	ASTM	Warp		Fill		Typical	
		nano™ 50	nano™ 55	nano™ 50	nano™ 55	nano™ 50	nano™ 55
Construction, end/inch	D3775-12	17.0 ±0.5	17.0 ±0.5	14.0 ±0.5	17.0 ±0.5		
Weight, oz/yd²	D3776-09					6.1	7.3
Weight, g/m²	D3776-09					207	247
Tensile Strength (grab), lbf	D5034-09	167.7	251.2	145.9	269.1		
Tensile Strength (strip), lbf	D5035-11	109.0	111.6	92.4	110.5		
Tensile Strength (Trapezoidal), lbf	D5733	38.3	36.7	26.1	29.5		
Elongation, %	D5035-11	14.0	11.4	13.4	10.3		
Abrasion Resistances	D3884-09	No Exposure of Core Yarn					
Flammability Rating		CA 117-2013, CS 191-53					
Weatherability, 1200 hours	D154	Trace Discoloration					
Mildew Resistance	D21-13	No Growth					
Thickness, inches	D1777-96					0.0219	0.0231



nano™60 and nano™70 No-See-Ums

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

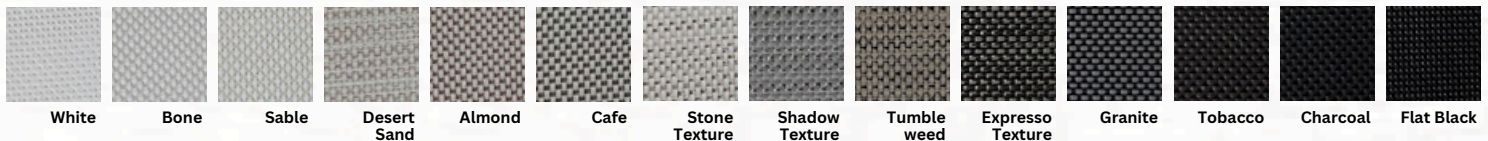
Attribute	ASTM	Warp		Fill		Typical	
		nano™ 60	nano™ 70	nano™ 60	nano™ 70	nano™ 60	nano™ 70
Construction, end/inch	D3775-12	17.0 ±0.5	23.0 ±0.5	20.0 ±0.5	21.0 ±0.5		
Weight, oz/yd²	D3776-09					7.8	9.8
Weight, g/m²	D3776-09					264	332
Tensile Strength (grab), lbf	D5034-09	253.2	315.6	311.5	321.9		
Tensile Strength (strip), lbf	D5035-11	103.9	140.8	124.7	138.6		
Tensile Strength (Trapezoidal), lbf	D5733	36.0	34.6	37.9	30.1		
Elongation, %	D5035-11	10.6	11.3	11.4	11.4		
Abrasion Resistances	D3884-09	No Exposure of Core Yarn					
Flammability Rating		CA 117-2013, CS 191-53					
Weatherability, 1200 hours	D154	Trace Discoloration					
Mildew Resistance	D21-13	No Growth					
Thickness, inches	D1777-96					0.0217	0.0219



nano™95 and nano™97

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

Attribute	ASTM	Warp		Fill		Typical	
		nano™ 95	nano™ 97	nano™ 95	nano™ 97	nano™ 95	nano™ 97
Construction, end/inch	D3775-17	36.0 ±0.5	38.0 ±0.5	34.0 ±0.5	40.0 ±0.5		
Weight, oz/yd²	D3776-09					14.7	16.2
Weight, g/m²	D3776-09					498.5	549.3
Tensile Strength (grab), lbf/daN	D5034-09	423.6/192.1	414.3/184.3	382.2/173.4	409.2/182.0		
Tensile Strength (strip), lbf/daN	D5035-11	218.5/99.1	220.6/98.1	188.4/85.5	249.3/110.9		
Tensile Strength (Trapezoidal), lbf/daN	D1117-99	58.4/26.5	40.1/17.8	42.2/19.1	37.4/16.6		
Elongation, %	D5035-11	12.7	11.1	11.6	12.5		
Abrasion Resistances	D3884-09	No Exposure of Core Yarn					
Flammability Rating		CA Title & NFPA 701					
Weatherability, 1200 hours	D154-16	No Discoloration					
Mildew Resistance	D21-13	Pass					
Thickness, inches/mm	D1777-15					0.026/0.66	0.0275/0.699



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