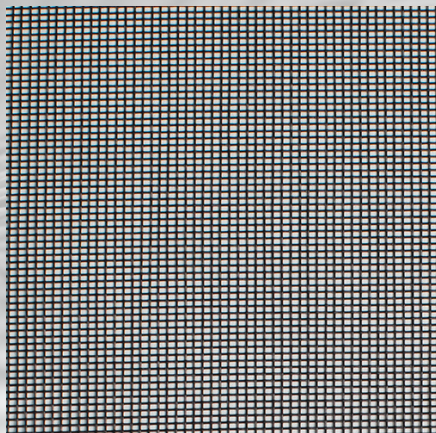


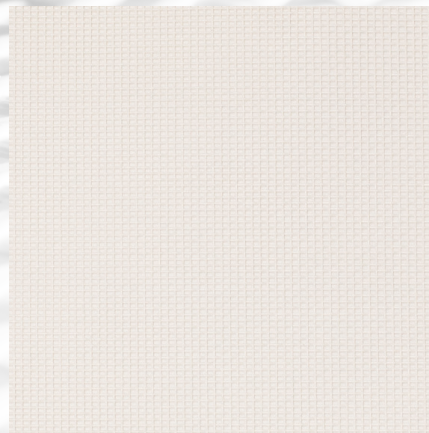


TEXTILENE®
BRAND FABRIC
nano™ 50/55/60

TEXTILENE® nano™ 50



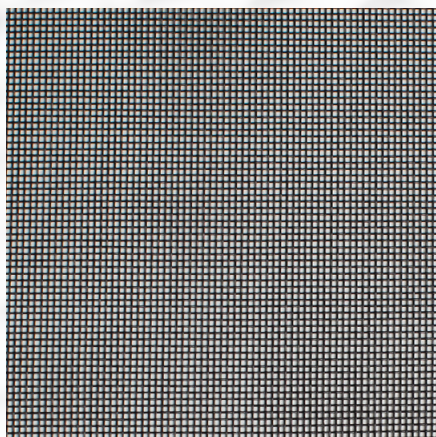
Black
T18FBS006 x 36"
T18FBS007 x 48"
T18FBS011 x 60"
T18FBS001 x 72"
T18FBS005 x 84"
T18FBS002 x 96"
T18FBS004 x 108"
T18FBS016 x 120"
T18FBS032 x 126"



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.

White
T18FBS015 x 120"

TEXTILENE® nano™ 55

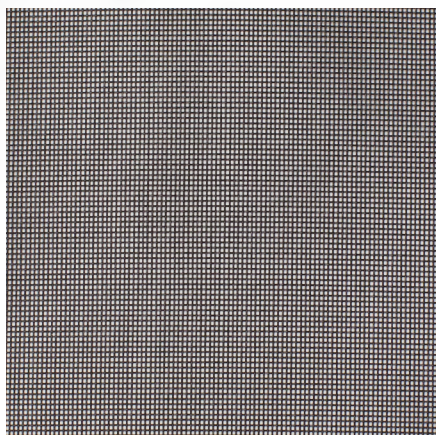


Black
T18FFS003 x 120"
T18FFS010 x 126"



White
T18FFS006 x 120"
T18FFS011 x 126"

TEXTILENE® nano™ 60



Black
T18FHS008 x 36"
T18FHS001 x 48"
T18FHS009 x 60"
T18FHS006 x 72"
T18FHS010 x 84"
T18FHS002 x 96"
T18FHS005 x 108"
T18FHS003 x 120"
T18FHS022 x 126"

Over the years TEXTILENE® nano™ 50/55/60 has provided innovative technology for multiple applications. Our TEXTILENE® nano™ 50/55/60 fabrics offer superior performance characteristics and is covered by Twitchell's™ ten-year limited warranty.

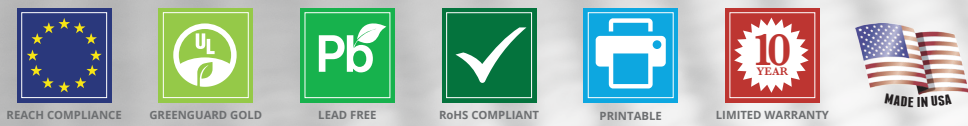
Metric Conversions

36" = 91.44 cm	96" = 243.84 cm
48" = 121.92 cm	108" = 274.32 cm
60" = 152.4 cm	120" = 304.8 cm
72" = 182.88 cm	126" = 320.04 cm
84" = 213.36 cm	

***Custom colors and widths available. Minimum order of 1000 yds. Upcharges may apply.**

**** Available in 33.3 lyd rolls.**

Specifications

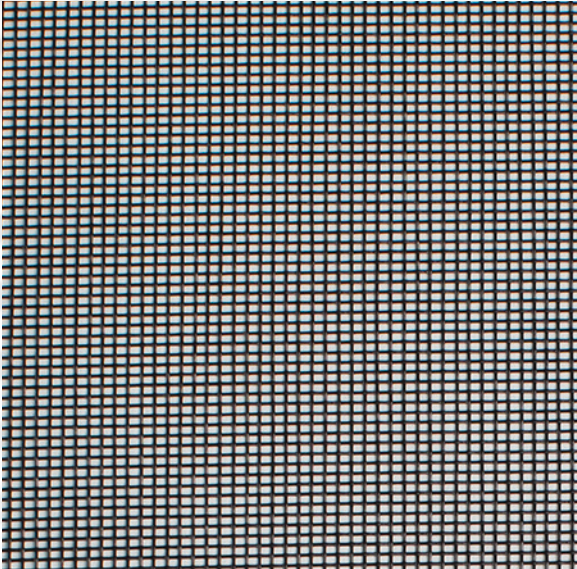


Technical Data

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

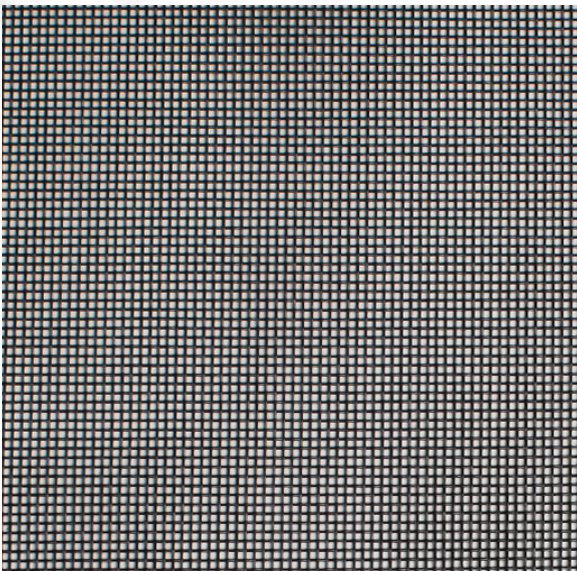
Textilene® nano™ 50 - Item Number: T18FBS

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-12	17.0 ±0.5	14.0 ±0.5	
Weight, oz/yd²	D3776-09	-	-	5.9
Weight, g/m²	D3776-09	-	-	200
Tensile Strength (grab), lbf /daN	D5034-09	229.2 / 102	230.7 / 102.6	
Tensile Strength (strip), lbf /daN	D5035-11	111.6 / 49.6	85.5 / 38	
Tear Strength (trapezoidal), lbf /daN	D5733	24.9 / 11.1	42.9 / 19.1	
Elongation, %	D5035-11	29.8	21.6	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No Exposure of Core Yarn		
Flammability Rating		CA TB 117-2013		
Weatherability, 1200 hours	G154	Trace Discoloration		
Mildew Resistance	G21-13	No Growth		
Thickness, inches/mm	D1777-96	0.021" / 0.533mm		



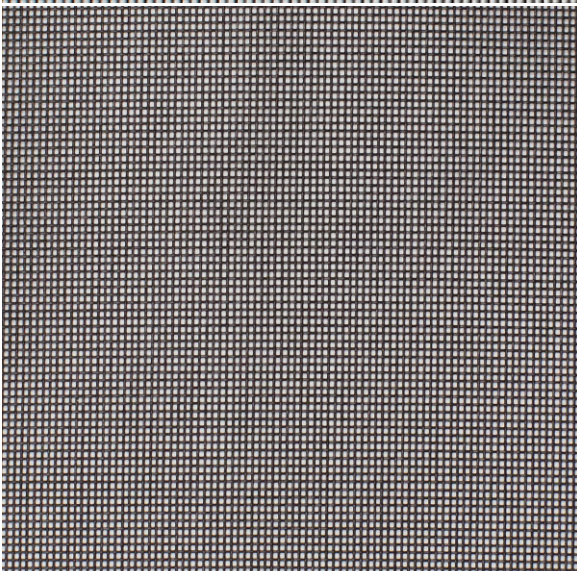
Textilene® nano™ 55 - Item Number: T18FFS

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-12	17.0 ±0.5	17.0 ±0.5	
Weight, oz/yd²	D3776-09	-	-	7.1
Weight, g/m²	D3776-09	-	-	240.7
Tensile Strength (grab), lbf /daN	D5034-09	273.3 / 121.6	339.4 / 151	
Tensile Strength (strip), lbf /daN	D5035-11	100.9 / 44.9	116.1 / 51.6	
Tear Strength (trapezoidal), lbf /daN	D5733	28.2 / 12.5	25.7 / 11.4	
Elongation, %	D5035-11	21.5	29.9	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No Exposure of Core Yarn		
Flammability Rating		CA TB 117-2013		
Weatherability, 1200 hours	G154	Trace Discoloration		
Mildew Resistance	G21-13	No Growth		
Thickness, inches/mm	D1777-96	0.022" / 0.5588mm		



Textilene® nano™ 60 - Item Number: T18FHS

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-12	17.0 ±0.5	20.0 ±0.5	
Weight, oz/yd²	D3776-09	-	-	7.3
Weight, g/m²	D3776-09	-	-	247.5
Tensile Strength (grab), lbf /daN	D5034-09	274.1 / 121.9	232.6 / 103.5	
Tensile Strength (strip), lbf /daN	D5035-11	122.8 / 54.6	107.6 / 47.9	
Tear Strength (trapezoidal), lbf /daN	D5733	35.5 / 15.8	32.6 / 14.5	
Elongation, %	D5035-11	30.8	25.4	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No Exposure of Core Yarn		
Flammability Rating		CA TB 117-2013		
Weatherability, 1200 hours	G154	Trace Discoloration		
Mildew Resistance	G21-13	No Growth		
Thickness, inches/mm	D1777-96	0.022" / 0.559mm		



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