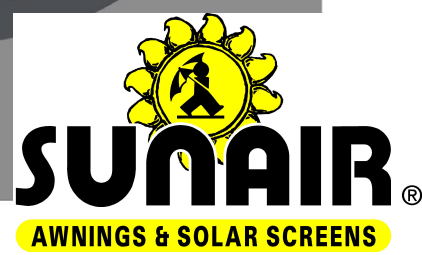




**TEXTILENE® 80**  
BRAND FABRIC  
**TEXTILENE® 90**  
BRAND FABRIC



**Specifications**



**Technical Data**

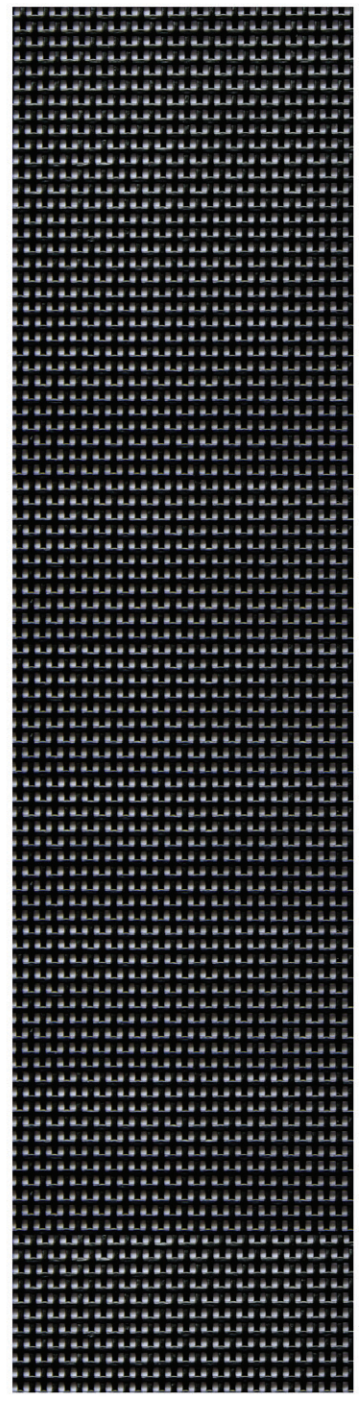
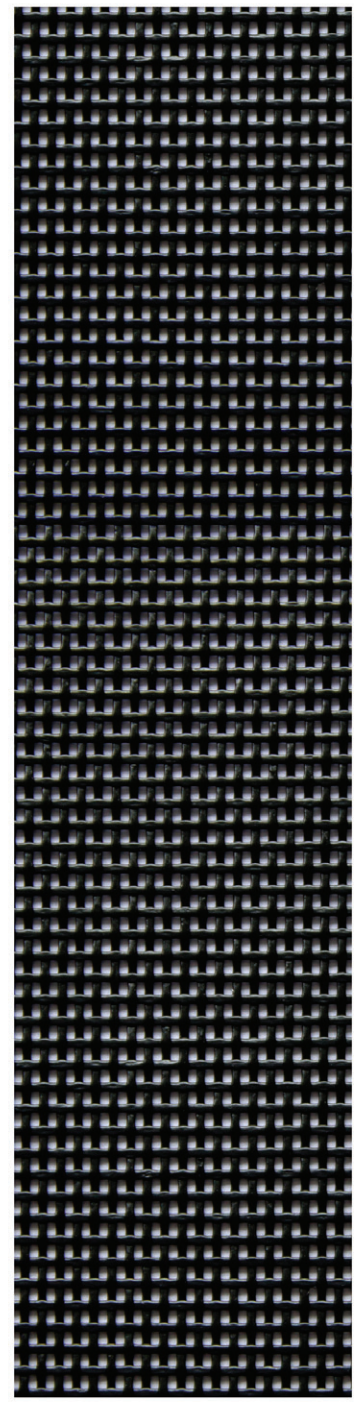
Item Number: T18DE, T18DC

**Product Description:** A woven fabric using .025" diameter vinyl coated 1000 denier polyester core yarns in the warp and fill.

Attribute	ASTM	Warp 80 90	Fill 80 90	Typical 80 90
Construction, end/inch	D3775-12	16.0 ± .5   20.0 ± .5	14.5 ± .5   18.0 ± .5	
Weight, oz/yd <sup>2</sup>	D3776-09	--	--	13.0   15.8
Weight, g/m <sup>2</sup>	D3776-09	--	--	440.8   535.8
Tensile Strength (grab), lbf / kgf	D5034-09	304.7 / 138.2   608.3 / 275.9	290.9 / 132.0   527.3 / 239.2	
Tensile Strength (strip), lbf / kgf	D5035-11	230.7 / 104.6   269.8 / 121.9	193.7 / 87.9   225.3 / 102.2	
Tear Strength, (trapezoidal), lbf / kgf	D5733	76.8 / 34.8   68.3 / 31.0	58.8 / 26.7   67.6 / 30.7	
Elongation, %	D5035-11	13.8   29.3	13.0   29.8	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No exposure of core yarn		
Flammability Rating	CS191-53 & CA117E (TEXTILENE® 80)   CA Title 19 & NFPA 701 (TEXTILENE® 90)			
Weatherability, 1200 hours	G154	Trace Discoloration		
Mildew Resistance	G21-13	No growth		
Thickness, inches/mm	D1777-96	0.028" / 0.030mm   0.711" / 0.762mm		

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

TEXTILENE® 80 and 90 are durable synthetic fabrics made of PVC coated polyester. Designed to reduce heat transfer and solar glare, our fabrics can lower overall energy cost and protect indoor furnishings. Fade resistant, they are excellent choices for a variety of indoor or outdoor uses. TEXTILENE® 80 blocks up to 80% of the sun's rays and TEXTILENE® 90 blocks up to 90% of the sun's rays.



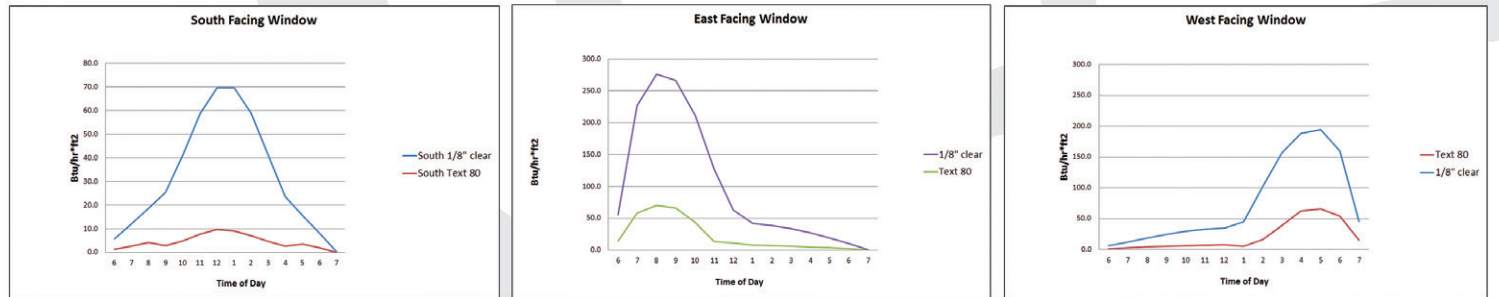
**TEXTILENE® 80**

Twitchell Exterior Window Shade Solar Screen													
Profile	Total Solar		Visible			UV		Shading Coefficient					
	Trans.	Ref.	Abs.	Trans.	Ref.	Abs.	Trans.	O.F.	1/8" Clr.	1/4" Clr.	1/4" HA	Clr. Dbl.	HA/ Dbl.
0	0.24	0.03	0.73	0.21	0.04	0.75	0.33	0.23	0.33	0.33	0.31	0.28	0.26
45	0.20	0.03	0.77	0.18	0.04	0.78	0.29	n/a	0.29	0.29	0.27	0.25	0.22

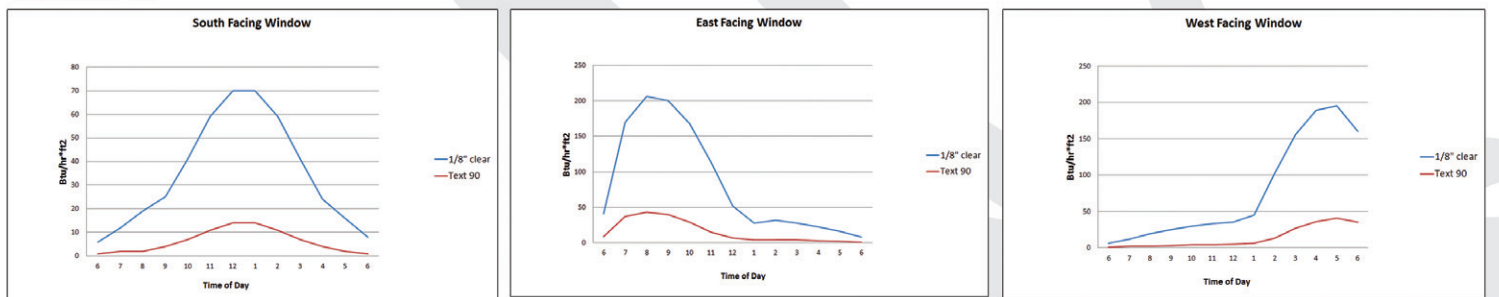
**TEXTILENE® 90**

Twitchell Exterior Window Shade Solar Screen													
Profile	Total Solar		Visible			UV		Shading Coefficient					
	Trans.	Ref.	Abs.	Trans.	Ref.	Abs.	Trans.	O.F.	1/8" Clr.	1/4" Clr.	1/4" HA	Clr. Dbl.	HA/ Dbl.
0	0.13	0.0	0.83	0.14	0.06	0.78	0.15	0.13	0.23	0.23	0.22	0.19	0.16
45	0.09	0.06	0.86	0.11	0.06	0.83	n/a	n/a	0.19	0.19	0.18	0.15	0.14

**TEXTILENE® 80**



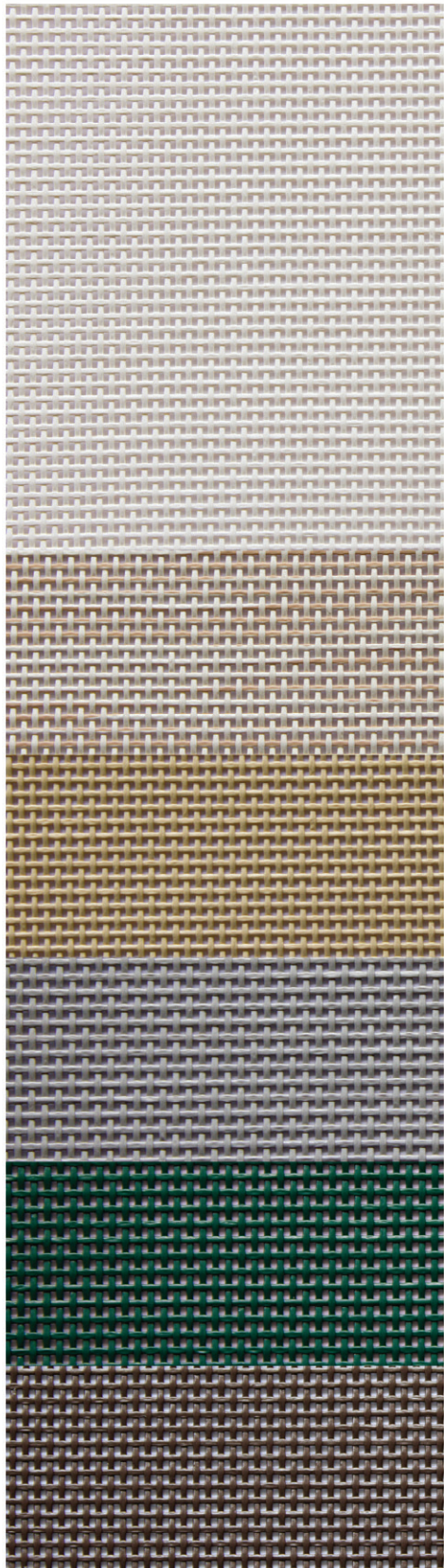
**TEXTILENE® 90**



\*Custom colors and widths available. Minimum order of 1000 yards. Upcharges may apply.  
\*\*Available in 33.3 linear yard rolls.



**TEXTILENE<sup>®</sup> 80**  
BRAND FABRIC



White  
T18DES049 x 48"  
T18DES043 x 72"  
T18DES047 x 96"

Desert Sand  
T18BET002 x 36"  
T18BET003 x 48"  
T18BET006 x 60"  
T18BET001 x 72"  
T18BET011 x 96"

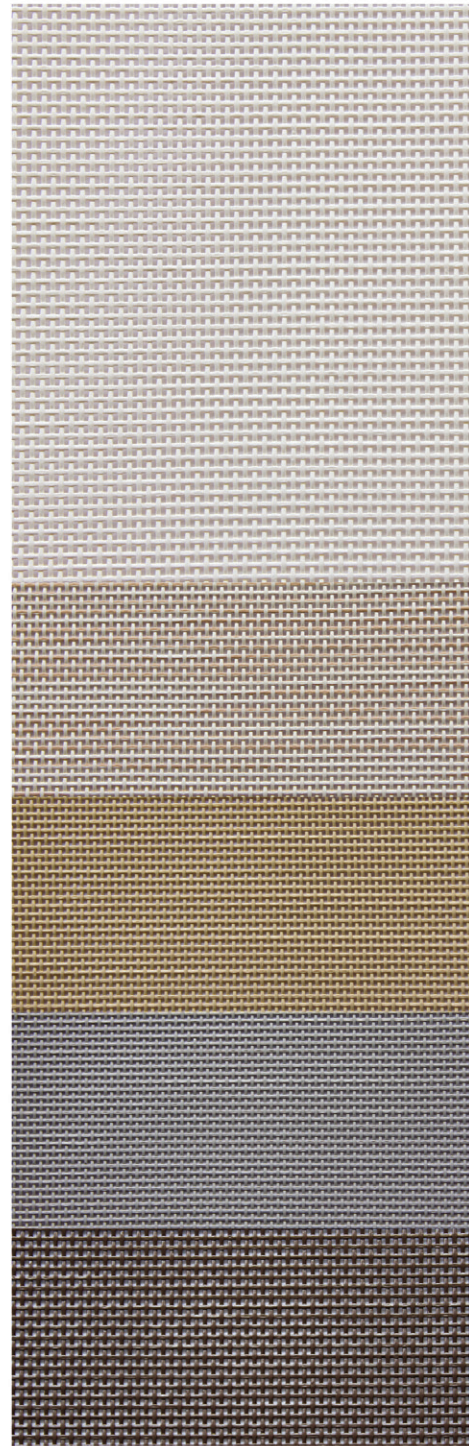
Beige  
T18DES191 x 36"  
T18DES194 x 48"  
T18DES192 x 60"  
T18DES190 x 72"  
T18DES237 x 96"

Grey  
T18DES183 x 36"  
T18DES182 x 48"  
T18DES181 x 60"  
T18DES180 x 72"  
T18DES179 x 96"

Forest Green  
T18DES096 x 96"

Brown  
T18DES178 x 24"  
T18DES177 x 36"  
T18DES176 x 48"  
T18DES175 x 60"  
T18DES174 x 72"  
T18DES173 x 96"

**TEXTILENE<sup>®</sup> 90**  
BRAND FABRIC



White  
T18DCS028 x 72"  
T18DCS085 x 96"  
T18DCS086 x 120"

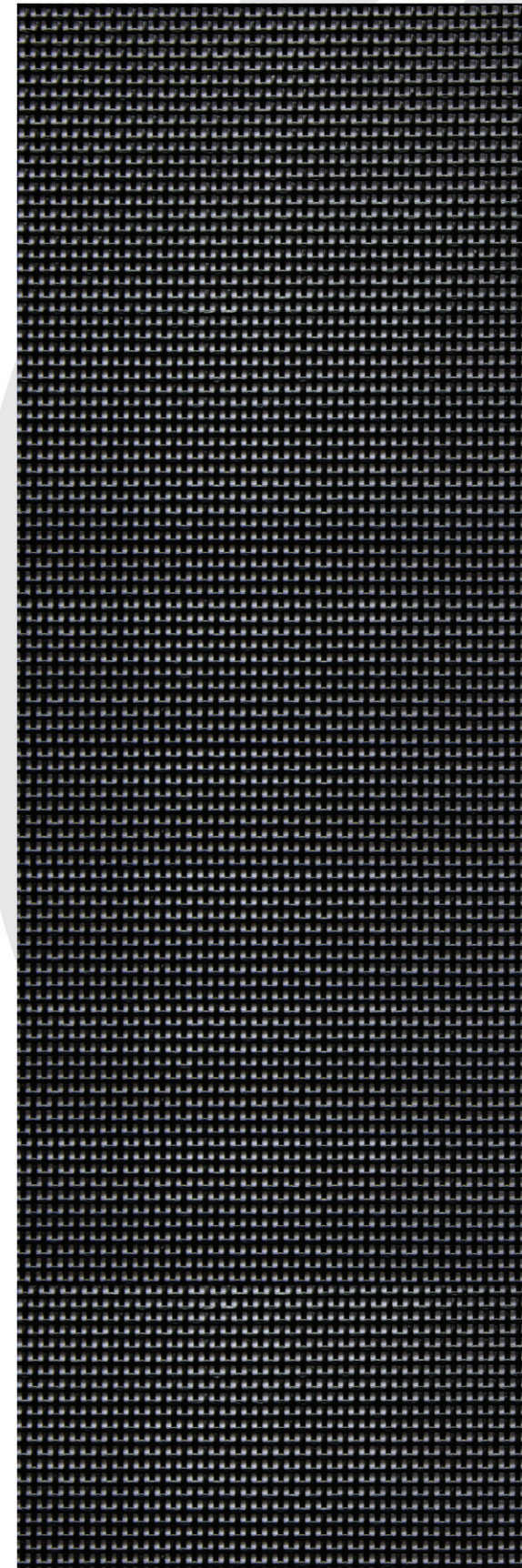
Desert Sand  
T18BCT010 x 36"  
T18BCT011 x 48"  
T18BCT012 x 60"  
T18BCT002 x 72"  
T18BCT014 x 96"  
T18BCT015 x 120"

Beige  
T18DCS078 x 60"  
T18DCS039 x 72"  
T18DCS081 x 96"  
T18DCS084 x 120"

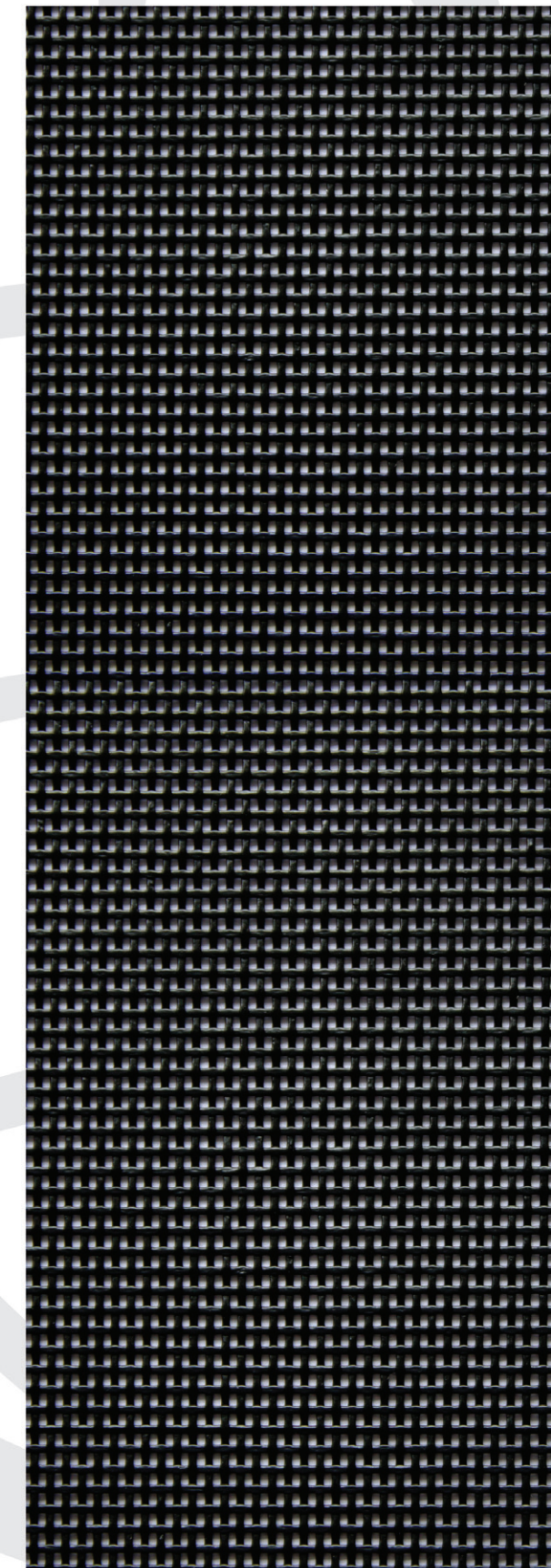
Grey  
T18DCS019 x 36"  
T18DCS016 x 48"  
T18DCS020 x 60"  
T18DCS018 x 72"  
T18DCS015 x 96"

Brown  
T18DCS012 x 36"  
T18DCS009 x 48"  
T18DCS013 x 60"  
T18DCS011 x 72"  
T18DCS080 x 96"  
T18DCS083 x 120"

Black  
T18DCS005 x 36"    T18DCS004 x 72"  
T18DCS002 x 48"    T18DCS079 x 96"  
T18DCS006 x 60"    T18DCS082 x 120"



Black  
T18DES037 x 24"    T18DES040 x 60"  
T18DES038 x 36"    T18DES041 x 72"  
T18DES039 x 48"    T18DES036 x 96"



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.