

The original
all-weather fabric.



AUG
2009

TEXTILENE® 90 Solar Screen Fabric

BRAND FABRIC

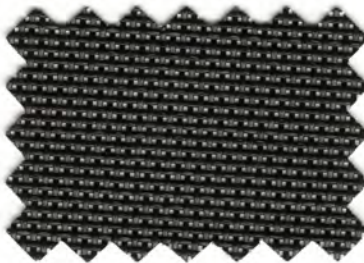
Twitchell's Solar Screen is a durable and tough TEXTILENE® brand synthetic fabric made of PVC coated polyester. Designed to reduce heat transfer through windows, this fabric also reduces the glare and harmful rays from the sun. While blocking the sun's rays, Solar Screen will reduce energy cost and provide protection to your indoor furnishings. Flame resistant and fade resistant, Solar Screen is a durable alternative for insect screen. Excellent for daytime privacy without blocking the view, this versatile fabric will endure years of outdoor use. TEXTILENE® 90 Solar Screen blocks up to 90% of the sun's rays.

Available in 100
linear foot rolls.



90% Black

- T18DCS003 24" T18DCS006 60"
- T18DCS005 36" T18DCS004 72"
- T18DCS002 48" T18DCS079 96" FR*
- T18DCS082 120" FR*



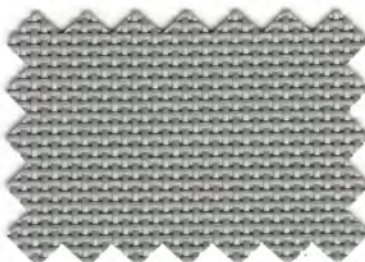
90% Brown

- T18DCS010 24" T18DCS013 60"
- T18DCS012 36" T18DCS011 72"
- T18DCS009 48" T18DCS080 96" FR*
- T18DCS083 120" FR*



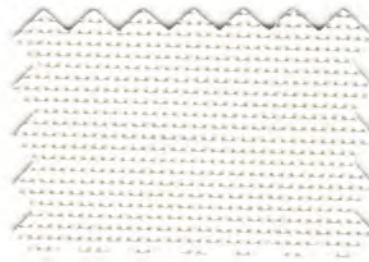
90% Beige

- T18DCS076 36" T18DCS039 72"
- T18DCS077 48" T18DCS081 96" FR*
- T18DCS078 60" T18DCS084 120" FR*



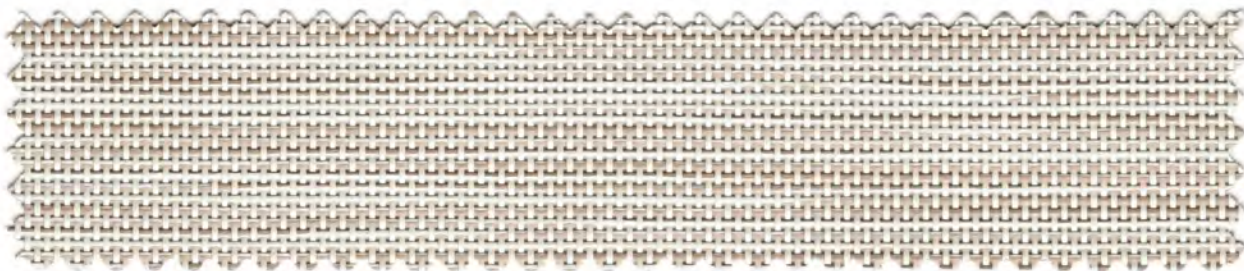
90% Grey

- T18DCS017 24" T18DCS020 60"
- T18DCS019 36" T18DCS018 72"
- T18DCS016 48" T18DCS015 96"



90% White

- T18DCS028 72"
- T18DCS085 96" FR*
- T18DCS086 120" FR*



90% Desert Sand

- T18BCT010 36" T18BCT002 72"
- T18BCT011 48" T18BCT014 96" FR*
- T18BCT012 60" T18BCT015 120" FR*

Aloha

Tropical J's, Inc.
5 Sand Island Access Road
Bldg. # 929, Unit # 122
Honolulu, HI 96819
(808) 848-0888

All products made in the USA.

Custom colors and widths available. Minimum order of 1000 yards. Up charges may apply.

Questions? Visit us on the web at www.twitchellcorp.com or call Toll-Free 1-800-633-7550

* Fire Retardant

TEXTILENE® is a registered trademark of Twitchell Corporation.

See
back for
technical
specifications.

Technical Data

Item Number: T18 DC

Product Description: A fabric in a plain weave using .025" diameter vinyl-coated 1000 denier polyester core yarns in the warp and fill.

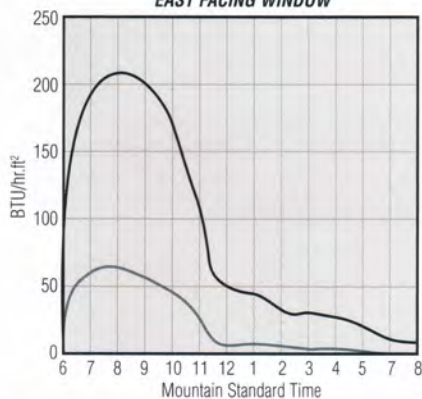
Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775	20.0 ± .5	18.0 ± .5	
Weight, oz/yd ²	D3776	—	—	15.8
Tensile Strength (Grab), lbf	D5034	608.3	527.3	
Tensile Strength (Strip), lbf	D5035	269.8	225.3	
Tear Strength (Trapezoidal), lbf	D1117-14	68.3	67.6	
Elongation, %	D5035-95	29.3	29.8	
Abrasion Resistance (H18/500 cycles/ with no added weight)	D3884-92	No exposure of core yarn		
Flammability Rating	CS-191-53 & CA 117 E (FR Fabric - CA Title 19 & NFPA 701)			
Weatherability, 1200 hours	G53	Trace discoloration		
Mildew Resistance	G21	No growth		

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

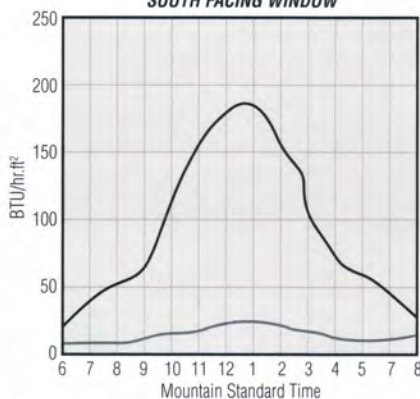
Twitchell Exterior Window Shade Solar Screen

Profile	Total Solar			Visible			Shading Coefficient						
							UV	O.F.	1/8"	1/4"	1/4"	Clr.	HA/
Angle	Trans.	Ref.	Abs.	Trans.	Ref.	Abs.	Trans.		Clr.	Clr.	HA	Dbl.	Dbl.
0	0.13	0.04	0.83	0.14	0.06	0.78	0.15	0.13	0.23	0.23	0.22	0.19	0.16
30	0.11	0.04	0.85	0.13	0.05	0.82	n/a	n/a	0.21	0.21	0.20	0.17	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
75	0.02	0.06	0.92	0.05	0.07	0.88	n/a	n/a	0.12	0.12	0.12	0.06	0.06

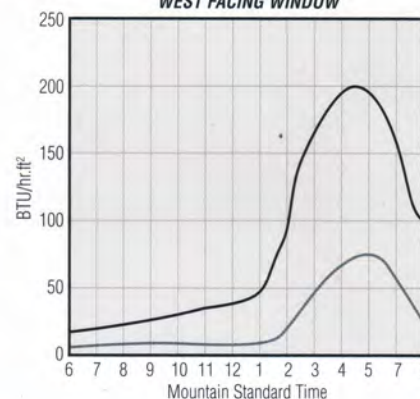
EAST FACING WINDOW



SOUTH FACING WINDOW



WEST FACING WINDOW



Legend

1/8" Clear Glass _____
No Protection _____
With TEXTILENE[®] _____
Solar Screen _____

Suggested Applications Include:

Marine Screen Window Screens Folding Screens
Room Dividers Umbrellas Awnings

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