

Technical Data

Item Number: T18AN

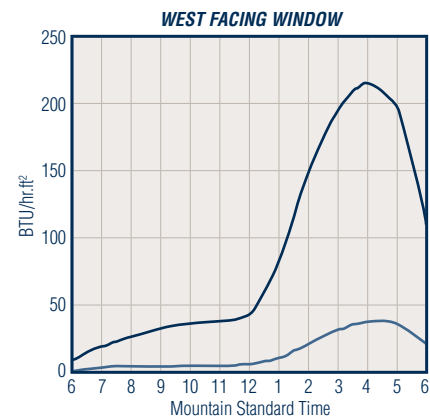
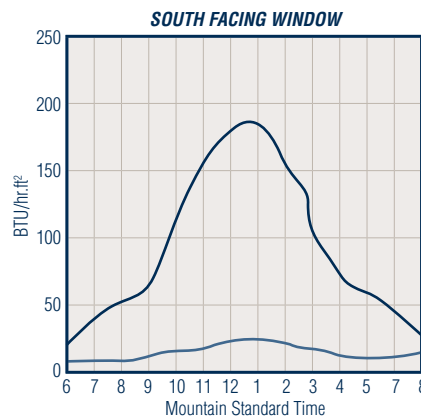
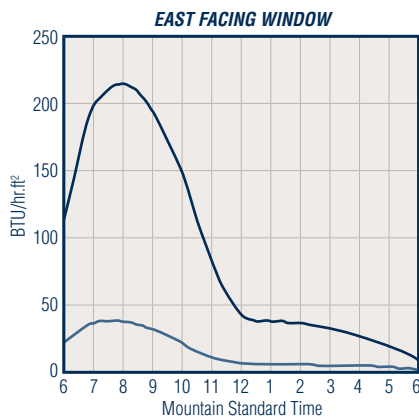
Product Description: A fabric using .018" diameter vinyl-coated 500 denier polyester core yarns in the warp and fill.

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-96	34.0 ± .5	28.0 ± .5	
Weight, oz/yd ²	D3776-96	—	—	17.3
Tensile Strength (Grab), lbf	D5034-95	544.0	417.1	
Tensile Strength (Strip), lbf	D5035-95	256.3	244.9	
Tear Strength (Trapezoidal), lbf	D1117-97	58.9	46.2	
Elongation, %	D5035-95	27.3	26.1	
Abrasion Resistance (H18/500 cycles/ with no added weight)	D3884-92	No exposure of core yarn		
Flammability Rating	CA Title 19 & NFPA 701			
Weatherability, 1200 hours	G53-96	Trace discoloration		
Mildew Resistance	G21-96	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	Shading Coefficient													
	Total Solar			Visible			UV	O.E.	1/8"	1/4"	1/4"	Clr.	HA/	
Angle	Trans.	Ref.	Abs.	Trans.	Ref.	Abs.	Trans.		Clr.	Clr.	HA	DbL.	DbL.	
0	0.08	0.03	0.89	0.12	0.03	0.85	0.07	0.07	0.19	0.18	0.18	0.14	0.13	
30	0.06	0.03	0.91	0.10	0.03	0.87	0.05	n/a	0.17	0.17	0.16	0.13	0.12	
45	0.05	0.04	0.91	0.08	0.04	0.88	0.05	n/a	0.16	0.16	0.15	0.12	0.11	
75	0.02	0.06	0.92	0.04	0.16	0.80	0.02	n/a	0.12	0.12	0.12	0.08	0.08	



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

Suggested Applications Include:

- Roller Shades
- Window Screens
- Umbrellas
- Marine Screen
- Room Dividers
- Awnings

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