



T Screen Deco 3%

Specifications

Product Category: Decorative
Openness Factor: 3%
UV Blockage: Approximately 97%
Fabric Style: Satin
Item #: 006603

Composition: 36% fiberglass / 64% vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 122" (310 cm)
Weight: 12.98 oz / yd2 (440 g / m2) ± 5%
Thickness: .028" (0.71 mm) ± 5%

Fenestration Data

			Fabric Properties					Fabric & Glass			
			Thermal			Optical		Commercial		Residential	
Color#	Color Name	Side*	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
			Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
00D088	Toffee	street	61	26	13	66	12	47	82	0.34	0.12
		room	40	45	15	44	13	34	76	0.46	0.16
00D064	Cream	street	64	20	16	69	15	50	79	0.33	0.14
		room	54	28	18	59	16	42	76	0.39	0.17
00D065	Cappuccino	street	61	25	14	65	12	47	82	0.35	0.13
		room	43	41	16	44	14	34	76	0.45	0.16
00D067	Mocha	street	57	31	12	61	11	45	84	0.36	0.12
		room	30	57	13	31	12	26	76	0.51	0.15
00D066	Espresso	street	55	34	11	59	10	45	84	0.37	0.11
		room	24	64	12	26	11	24	79	0.54	0.15

*Room side: identified by the color side; Street side: identified by the white side

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory Window 7.3 NFRC certified software. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. For up-to-date test results, performance specifications and larger samples, contact the Mermet Technical Department at: www.mermetusa.com.

Fabrication Methods:

Cutting: cold, ultrasonic or crush
Welding: radio frequency, high frequency, impulse, hot air, wedge

Fire Classifications:

NFPA 701-10 TM#1, California U.S. Title 19
CAN/ULC-S109-03 Small & Large Flame Test

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

Acoustical Performance:

NRC: 0.15, SAA: 0.14

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

Care & Handling

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

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Specifications

Item Number	1% 008501 3% 008503 5% 008505		
Product Category	Conventional		
Fabric Style	Rib Weave		
Openness Factor	1%, 3% & 5%		
Composition	36% Fiberglass 64% Vinyl		
UV Blockage	Approximately 95% - 99%		
Standard Packaging	Rolls of 30 ly (27 lm)		
Width	78 in (200 cm), 98 in (250 cm), 122 in (310 cm)		
Weight	1% 13.12 oz/yd² (445 g/m²)±5%	3% 12.27 oz/yd² (432 g/m²)±5%	5% 11.3 oz/yd² (384 g/m²)±5%
Thickness	1% .022 in (0.56 mm)±5%	3% .022 in (0.55 mm)±5%	5% .022 in (0.55 mm)±5%

Classifications

Fire Classifications

NFPA 701-10 TM#1, California U.S. Title 19,
CAN/ULC-S109-03 Small & Large Flame Test
ASTM E2180, ASTM G21

Bacterial & Fungal Resistance

Environment

RoHS - Lead Free, GREENGUARD Gold

Acoustical Performance

1% NRC: 0.50, SAA: 0.47 | 3% NRC: 0.35, SAA: 0.33 | 5% NRC: 0.10, SAA: 0.12

Fabrication

Cutting: Cold, Ultrasonic or Crush | **Welding:** Radio Frequency, High Frequency, Impulse, Hot Air or Wedge
We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabric specifications.

M Screen™

ITEM COLOR

030071	Charcoal/Apricot
002002	White/White
002007	White/Pearl
007020	Pearl/Linen
007007	Pearl/Pearl
030001	Charcoal/Grey
030030	Charcoal/Charcoal
002022	White/Stone
002020	White/Linen
020022	Linen/Stone
00M166	Linen/Sable-Cocoa
030010	Charcoal/Sable
030061	Charcoal/Cocoa

F A B R I C									F A B R I C + G L A S S																				
thermal									optical									commercial						residential					
Total Solar																		SHGC % Improvement						SHGC					
Rs %			As %			Ts %			Rv %			Tv %			Interior			Exterior			Interior			Exterior					
1	3	5	1	3	5	1	3	5	1	3	5	1	3	5	1	3	5	1	3	5	1	3	5	1	3	5			
11	13	13	86	82	80	3	5	7	11	14	13	2	5	7	18	18	16	82	84	84	0.55	0.59	0.60	0.11	0.11	0.11			
76	71	71	9	11	10	15	18	19	81	76	75	12	16	16	63	55	55	82	76	76	0.24	0.29	0.30	0.13	0.16	0.16			
59	54	52	32	36	33	9	10	15	64	58	56	7	8	12	50	45	42	84	84	79	0.32	0.37	0.40	0.10	0.11	0.14			
36	40	39	56	49	49	8	11	12	38	42	41	5	8	9	34	34	32	82	84	82	0.44	0.46	0.47	0.12	0.12	0.13			
32	34	33	63	59	57	5	7	10	34	36	35	4	5	7	26	29	29	84	87	84	0.45	0.48	0.50	0.11	0.10	0.12			
7	8	8	91	90	86	2	2	6	7	8	8	2	2	5	18	16	13	82	87	84	0.56	0.61	0.63	0.12	0.09	0.11			
4	4	4	95	93	93	1	3	3	4	4	4	1	3	3	16	13	11	82	84	87	0.57	0.63	0.64	0.11	0.10	0.09			
67	62	61	15	17	18	18	21	21	71	66	65	16	18	18	55	47	47	76	74	74	0.30	0.35	0.36	0.16	0.18	0.18			
67	64	61	18	21	20	15	15	19	72	67	64	12	11	15	55	50	47	79	82	79	0.29	0.33	0.36	0.14	0.13	0.16			
50	51	50	29	28	28	21	21	22	53	53	52	18	16	18	42	39	37	71	76	74	0.39	0.41	0.42	0.19	0.18	0.19			
39	35	36	50	56	52	11	9	12	41	37	37	9	7	10	37	29	29	79	84	82	0.43	0.48	0.49	0.14	0.11	0.13			
10	12	13	87	84	81	3	4	6	10	13	13	2	4	5	18	18	16	82	84	84	0.55	0.59	0.60	0.12	0.10	0.11			
5	5	5	93	92	90	2	3	5	5	5	5	2	3	4	16	13	13	82	84	84	0.57	0.62	0.64	0.12	0.10	0.10			

Warranty

5 Year Exterior & 10 Year Interior

Care & Handling

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