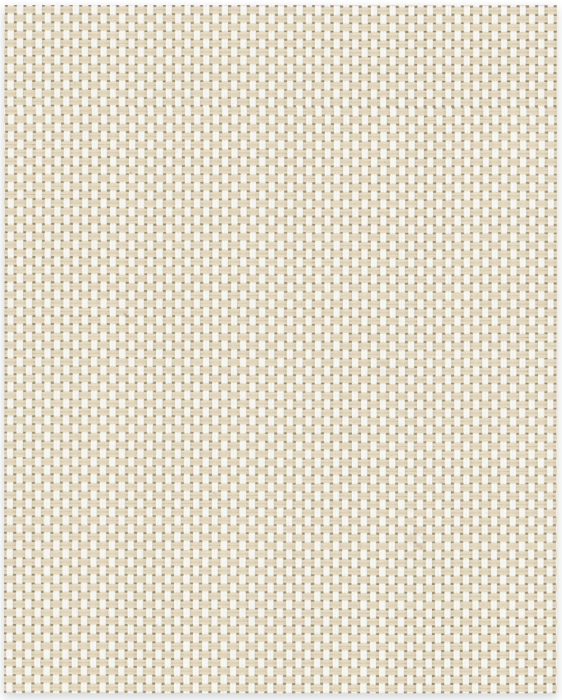
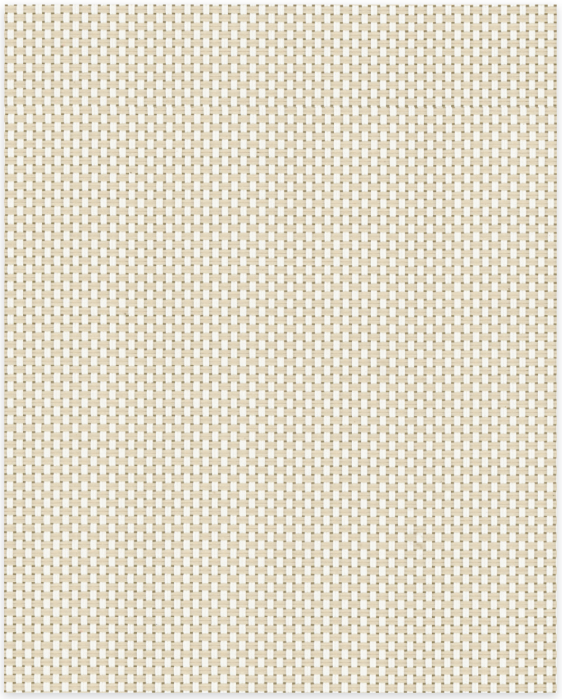
Natte

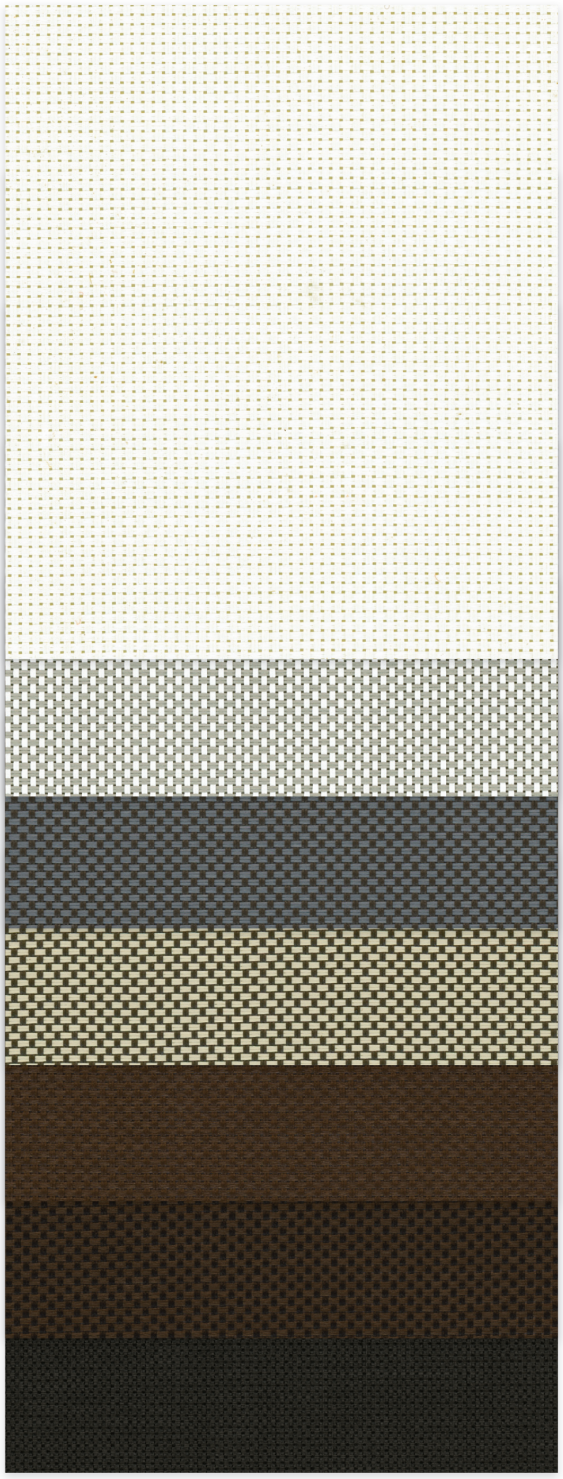
Conventional | 5% 10% openness



5% 902920 | White/Linen



10% 902920 | White/Linen



902902
White/White

902907
White/Pearl

961901
Cocoa/Grey

961923
Cocoa/Straw

961961
Cocoa/Cocoa

930961
Charcoal/Cocoa

930930
Charcoal/Charcoal

Fabrics sampled on waterfall are 5% openness.

MERMET
Sun Control Textiles™

www.shadesbymatiss.com | T. 800 493 2040 | email: info@shadesbymatiss.com

Specifications

Item Number	**5%** 004505 | **10%** 004500
Product Category	Conventional
Fabric Style	Basketweave
Openness Factor	5% & 10%
Composition	42% Fiberglass | 58% Vinyl
UV Blockage	Approximately 90% - 95%
Standard Packaging	Rolls of 55 ly (50 lm)
Width	98 in (250 cm) | 122 in (310 cm) available in select colors - Charcoal/Charcoal (930930) & Charcoal/Cocoa (930961)
Weight	**5%** 14.13 oz/yd² (479 g/m²) ±5% | **10%** 13.48 oz/yd² (457 g/m²) ±5%
Thickness	**5%** 0.022 in (0.56 mm) ±5% | **10%** 0.021 in (0.53 mm) ±5%

Classifications

Fire Classifications	NFPA 701-10 TM#1, California U.S. Title 19, CAN/ULC-S109-03 Small & Large Flame Test
Bacterial & Fungal Resistance	ASTM E2180, ASTM G21
Environment	RoHS - Lead Free, GREENGUARD Gold
Acoustical Performance	**5%** NRC: 0.05, SAA: 0.06 | **10%** NRC: 0.05, SAA: 0.04

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.

Natte

		FABRIC										FABRIC + GLASS							
				thermal Total Solar				*optical*				*commercial*				*residential*			
		Rs (%)		As (%)		Ts (%)		Rv (%)		Tv (%)		SHGC % Improvement				SHGC			
												Interior		*Exterior*		*Interior*		*Exterior*	
ITEM	COLOR	5	10	5	10	5	10	5	10	5	10	5	10	5	10	5	10	5	10
902920	White/Linen	61	59	21	20	18	21	65	63	15	19	50	45	76	74	0.33	0.38	0.16	0.18
902902	**White/White**	**72**	**70**	**10**	**8**	**18**	**22**	**77**	**75**	**16**	**20**	**55**	**53**	**79**	**74**	**0.29**	**0.32**	**0.16**	**0.19**
902907	White/Pearl	48	49	40	36	12	15	51	52	10	14	42	37	82	79	0.39	0.43	0.13	0.14
961901	**Cocoa/Grey**	**14**	**13**	**78**	**77**	**8**	**10**	**13**	**12**	**7**	**10**	**18**	**13**	**79**	**82**	**0.55**	**0.63**	**0.14**	**0.12**
961923	Cocoa/Straw	29	25	63	64	8	11	30	26	7	11	26	21	84	82	0.52	0.56	0.11	0.13
961961	**Cocoa/Cocoa**	**8**	**7**	**85**	**84**	**7**	**9**	**8**	**7**	**7**	**9**	**13**	**11**	**82**	**82**	**0.63**	**0.65**	**0.12**	**0.12**
930961	Charcoal/Cocoa	6	5	87	82	7	13	6	5	8	13	13	11	82	79	0.64	0.67	0.12	0.15
930930	**Charcoal/Charcoal**	**4**	**4**	**89**	**83**	**7**	**13**	**4**	**4**	**7**	**13**	**13**	**8**	**76**	**79**	**0.59**	**0.67**	**0.15**	**0.15**

Warranty

10 Year

Care & Cleaning

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.

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Total 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 / ½" 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.**

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