

Conventional | Reversible | 1% 3% openness

T Screen

NEW!

Specifications

	T Screen 1%	T Screen 3%
Item Number	006701	006703
Product Category	Conventional	Conventional
Fabric Style	Satin	Satin
Openness Factor	1%	3%
Composition	36% Fiberglass / 64% Vinyl	36% Fiberglass / 64% Vinyl
UV Blockage	Approximately 99%	Approximately 97%
Standard Packaging	Rolls of 30 ly (27 lm)	Rolls of 30 ly (27 lm)
Width	78" (200cm), 122" (310 cm)	78" (200cm), 122" (310 cm)
Weight	13.83 oz/yd² (469 g/m²)±5%	12.59 oz/yd² (427 g/m²)±5%
Thickness	0.028 in (0.70 mm)±5%	0.027 in (0.68 mm)±5%

Classifications

Fire Classifications	NFPA 701-15 TM#1, California U.S. Title 19 CAN/ULC-S109-14 Small Flame Test	NFPA 701-15 TM#1, California U.S. Title 19 CAN/ULC-S109-14 Small Flame Test
Bacterial & Fungal Resistance	ASTM E2180, ASTM G21	ASTM E2180, ASTM G21
Environment	RoHS - Lead Free, GREENGUARD Gold	RoHS - Lead Free, GREENGUARD Gold
Acoustical Performance	NRC 0.15, SAA 0.16	NRC 0.15, SAA 0.13
Warranty	5 Year Exterior, 10 Year Interior	5 Year Exterior, 10 Year Interior

Fabrication

Cutting: Cold, Ultrasonic or Crush | **Welding:** Radio Frequency, High Frequency, Impulse, Hot Air, Wedge.

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

T Screen - Reversible

ITEM	COLOR	SIDE*	FABRIC thermal Total Solar Rs | %		As | %		Ts | %		optical Rv | %		Tv | %		FABRIC + GLASS commercial SHGC % Improvement Interior		Exterior		residential SHGC Interior		Exterior	
			1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
002002	White/White	**Streetside** (white)	**76**	**74**	**8**	**8**	**16**	**18**	**81**	**79**	**14**	**16**	**63**	**61**	**79**	**76**	**0.24**	**0.25**	**0.13**	**0.15**
		Roomside	76	74	8	8	16	18	81	79	14	16	63	61	79	76	0.24	0.25	0.14	0.15
02M228	White/ White-Steel	**Streetside** (white)	**72**	**69**	**16**	**16**	**12**	**15**	**77**	**74**	**10**	**12**	**61**	**58**	**84**	**82**	**0.25**	**0.28**	**0.11**	**0.13**
		Roomside	59	58	28	26	13	16	61	61	11	14	47	47	79	76	0.33	0.34	0.14	0.16
002001	White/Grey	**Streetside** (white)	**65**	**63**	**27**	**27**	**8**	**10**	**69**	**67**	**6**	**8**	**55**	**53**	**87**	**87**	**0.29**	**0.30**	**0.08**	**0.10**
		Roomside	34	36	57	52	9	12	32	35	7	9	32	32	79	79	0.45	0.45	0.13	0.15
002030	White/Charcoal	**Streetside** (white)	**60**	**59**	**36**	**35**	**4**	**6**	**65**	**64**	**4**	**5**	**53**	**53**	**89**	**87**	**0.31**	**0.31**	**0.07**	**0.08**
		Roomside	17	20	78	73	5	7	19	22	4	7	24	26	79	79	0.52	0.51	0.13	0.14
007030	Pearl/Charcoal	**Streetside** (pearl)	**28**	**28**	**69**	**68**	**3**	**4**	**30**	**30**	**3**	**4**	**32**	**29**	**84**	**84**	**0.47**	**0.47**	**0.10**	**0.11**
		Roomside	10	10	86	85	4	5	10	11	3	4	18	18	82	79	0.55	0.55	0.12	0.13
07M387	Pearl/ Charcoal-Fawn	**Streetside** (pearl)	**30**	**30**	**66**	**64**	**4**	**6**	**31**	**31**	**3**	**5**	**32**	**32**	**84**	**84**	**0.46**	**0.47**	**0.10**	**0.11**
		Roomside	16	17	80	77	4	6	17	18	3	5	24	24	82	79	0.52	0.52	0.12	0.13
07M287	Pearl/ Stone-Fawn	**Streetside** (pearl)	**33**	**32**	**60**	**59**	**7**	**9**	**35**	**34**	**5**	**7**	**32**	**32**	**82**	**82**	**0.45**	**0.46**	**0.12**	**0.13**
		Roomside	33	33	60	58	7	9	34	34	5	7	32	32	82	82	0.45	0.46	0.12	0.13
030002	Charcoal/White	**Streetside** (charcoal)	**10**	**9**	**87**	**87**	**3**	**4**	**11**	**10**	**3**	**4**	**18**	**18**	**82**	**79**	**0.55**	**0.55**	**0.12**	**0.13**
		Roomside	45	40	52	56	3	4	49	44	3	4	42	39	87	87	0.38	0.41	0.08	0.09
30M102	Charcoal/ Grey-White	**Streetside** (charcoal)	**7**	**7**	**91**	**89**	**2**	**4**	**8**	**8**	**2**	**4**	**18**	**18**	**82**	**79**	**0.56**	**0.56**	**0.12**	**0.13**
		Roomside	30	27	68	69	2	4	31	28	2	3	32	29	84	84	0.46	0.48	0.09	0.10
00M122	Charcoal/ Grey-Stone	**Streetside** (charcoal)	**6**	**6**	**91**	**90**	**3**	**4**	**6**	**6**	**3**	**4**	**18**	**16**	**79**	**76**	**0.56**	**0.57**	**0.13**	**0.13**
		Roomside	22	20	75	76	3	4	22	20	3	4	26	24	84	82	0.50	0.51	0.10	0.11
30M328	Charcoal/ Charcoal-Steel	**Streetside** (charcoal)	**5**	**5**	**93**	**92**	**2**	**3**	**5**	**5**	**2**	**3**	**16**	**16**	**82**	**79**	**0.57**	**0.57**	**0.12**	**0.13**
		Roomside	12	11	86	86	2	3	12	12	2	3	21	21	82	82	0.54	0.54	0.11	0.12
30M329	Charcoal/ Charcoal-Iron	**Streetside** (charcoal)	**4**	**4**	**94**	**93**	**2**	**3**	**4**	**4**	**2**	**3**	**16**	**16**	**82**	**79**	**0.57**	**0.57**	**0.12**	**0.12**
		Roomside	6	7	92	90	2	3	6	6	2	3	18	18	82	82	0.56	0.56	0.12	0.12

*Roomside: identified by the weft color side; Streetside: identified by the warp color side.

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.

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 7.6 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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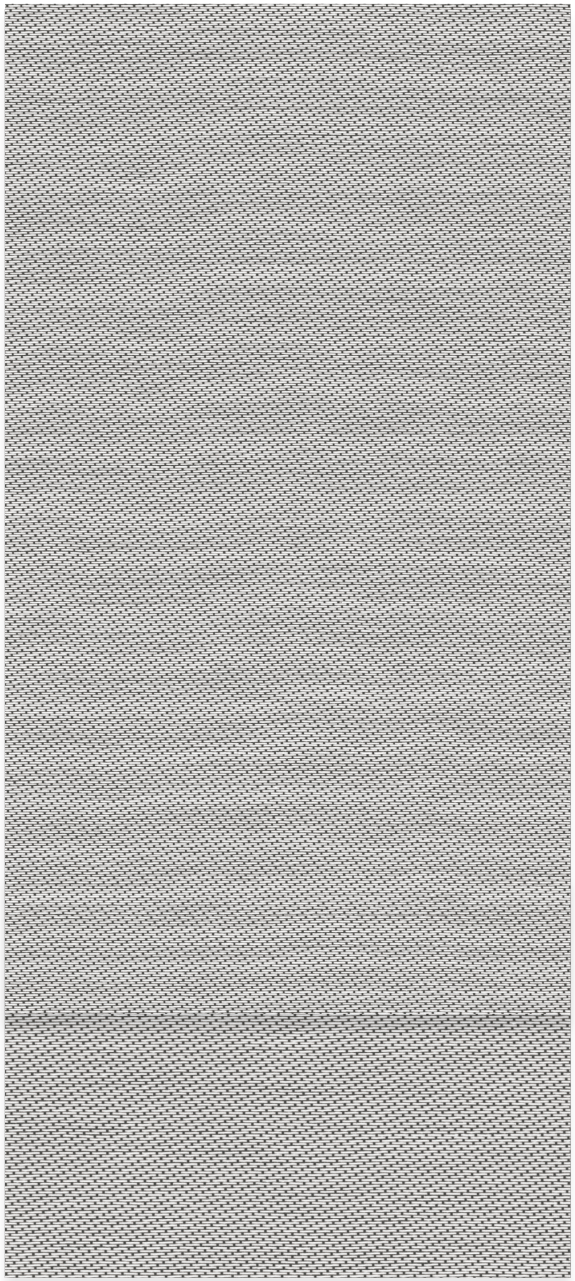
Mermet Corporation
5970 N. Main Street ■ Cowpens, SC 29330
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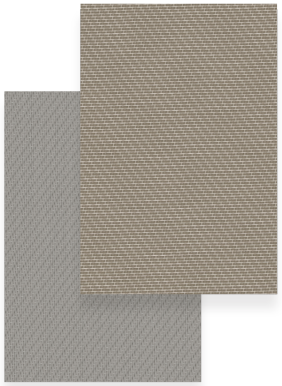
MERMET
Sun Control Textiles™

T Screen

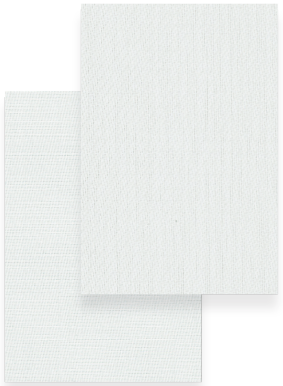
Conventional | 1% 3% openness



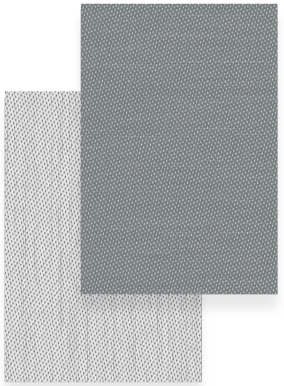
1% 030002 | Charcoal/White
3% 030002 | Charcoal/White



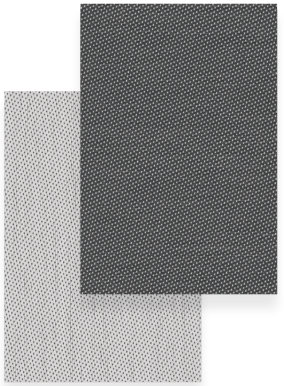
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Pearl/Stone-Fawn



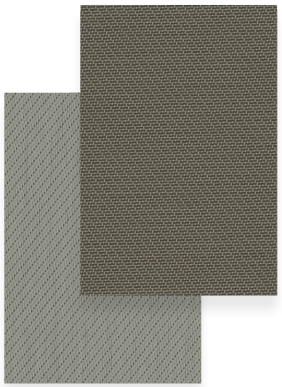
002002
White/White



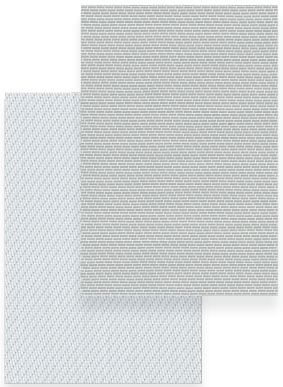
002001
White/Grey



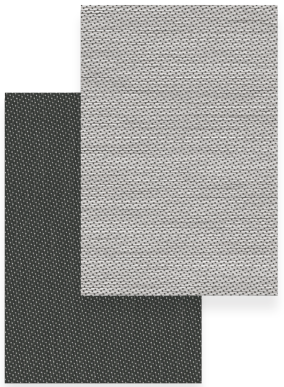
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White/Charcoal



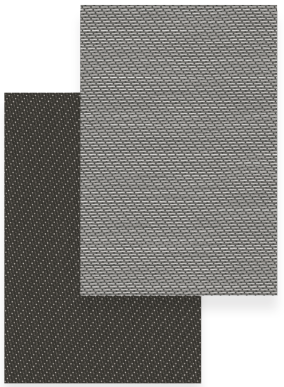
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Pearl/Charcoal-Fawn



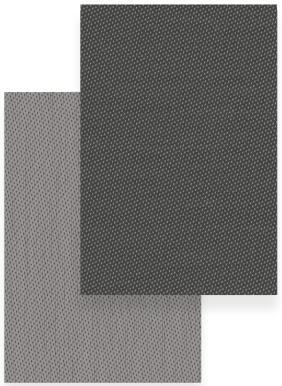
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White/White-Steel



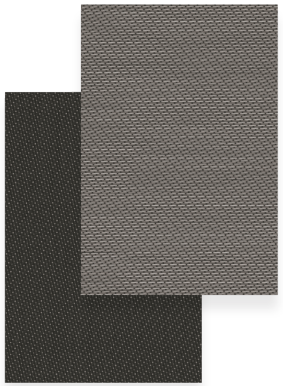
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Charcoal/White



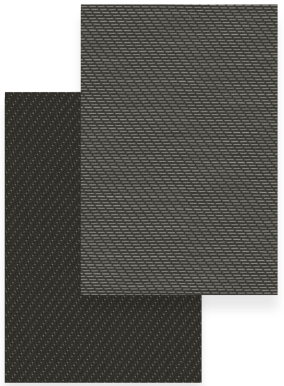
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Charcoal/Grey-White



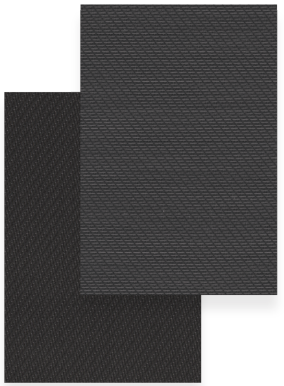
007030
Pearl/Charcoal



00M122
Charcoal/Grey-Stone



30M328
Charcoal/Charcoal-Steel



30M329
Charcoal/Charcoal-Iron