



E Screen™

1%, 3%, 5%, 10% Openness



3% Openness
▼

002002
White/White

002020
White/Linen

002007
White/Pearl

007020
Pearl/Linen

007007
Pearl/Pearl

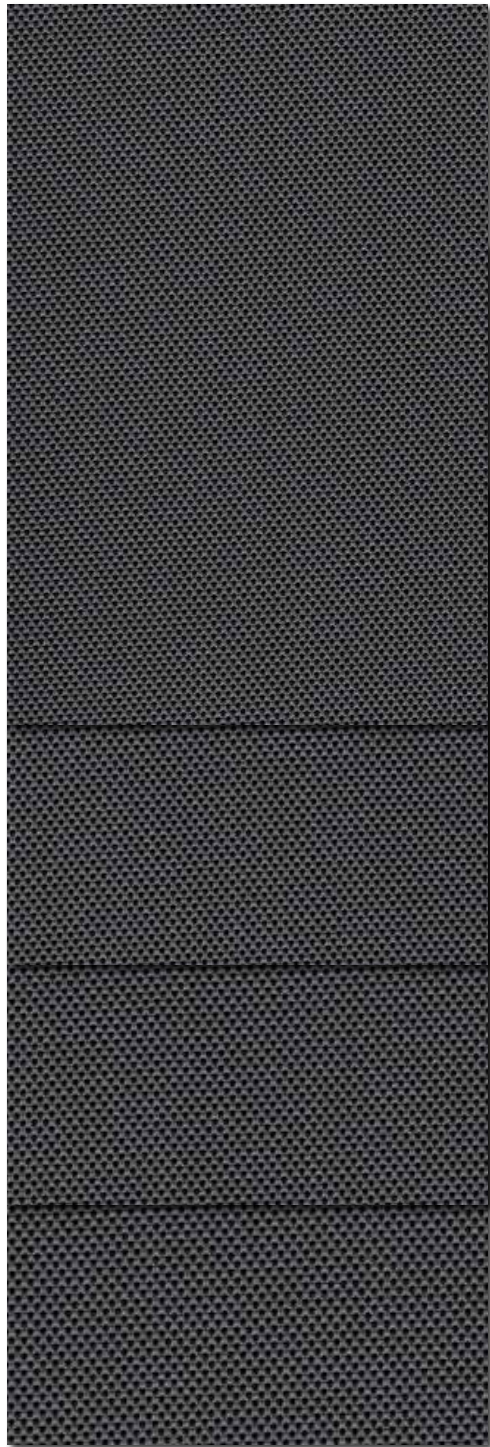
007001
Pearl/Grey

00M122
Charcoal/
Grey-Stone

030030
Charcoal/Charcoal

030061
Charcoal/Cocoa

030071
Charcoal/Apricot



030001
Charcoal/Grey
1% Openness

030001
Charcoal/Grey
3% Openness

030001
Charcoal/Grey
5% Openness

030001
Charcoal/Grey
10% Openness

Digital sample of actual colors may vary slightly.



Sun Control Textiles™

E Screen™

1%, 3%, 5%, 10% Openness

Specifications

	1%	3%	5%	10%
Item number	007501	007503	007505	007510
Product category	Conventional			
Openness factor	1%	3%	5%	10%
Composition %Fiberglass / %Vinyl content	36 / 64	36 / 64	36 / 64	36 / 64
UV Blockage (approx.)	99%	97%	95%	90%
Fabric style	Basketweave			

Dimensions

Standard Packaging	Rolls 30 ly (27 lm)	
Width	1%, 3%, 5%, 10%	78" (200 cm), 98" (250 cm), 122" (310 cm)
Weight	1%	13.3 oz / yd ² (452 g / m ²) ± 5%
	3%	11.6 oz / yd ² (393 g / m ²) ± 5%
	5%	10.7 oz / yd ² (363 g / m ²) ± 5%
	10%	10.3 oz / yd ² (350 g / m ²) ± 5%
Thickness	1%	0.020" (0.52 mm) ± 5%
	3%	0.017" (0.43 mm) ± 5%
	5%	0.016" (0.41 mm) ± 5%
	10%	0.020" (0.52 mm) ± 5%

Fenestration

Fabric Properties

Fabric & Glass

OPENNESS %	NUMBER	Thermal										Optical										Commercial SHGC % Improvement										Residential SHGC									
		Rs IR%					Total Solar					Rv%					Tv%					Interior					Exterior					Interior					Exterior				
		1	3	5	10		1	3	5	10		1	3	5	10		1	3	5	10		1	3	5	10		1	3	5	10		1	3	5	10						
Charcoal/Grey	030001	9	11	11		9	10	10	8	88	85	83	80	3	5	7	12	8	10	10	8	2	5	7	11	16	16	16	11	84	84	82	82	0.58	0.60	0.62	0.65	0.11	0.11	0.12	0.14
White/White	002002	73	70	68		75	73	71	66	11	11	9	9	14	16	20	25	80	78	76	70	11	13	17	22	61	58	55	50	82	82	76	71	0.25	0.28	0.30	0.35	0.12	0.14	0.17	0.21
White/Linen	002020	65	63	61		66	63	62	58	20	21	18	17	14	16	20	25	69	66	65	62	10	12	16	22	53	47	47	42	82	82	76	71	0.31	0.34	0.36	0.39	0.13	0.14	0.17	0.21
White/Pearl	002007	55	49	49		58	52	51	50	33	38	37	30	9	10	12	20	62	56	55	54	6	8	9	18	47	42	39	37	87	84	84	74	0.34	0.38	0.40	0.43	0.10	0.11	0.12	0.18
Pearl/Linen	007020	37	38	36		39	39	37	35	54	48	48	46	7	13	15	19	41	42	40	37	5	11	12	17	37	34	34	32	84	79	76	76	0.42	0.44	0.45	0.48	0.11	0.15	0.16	0.19
Pearl/Pearl	007007	31	31	29		33	32	31	30	62	59	57	54	5	9	12	16	35	34	33	31	3	8	10	14	34	32	29	26	84	82	79	76	0.45	0.47	0.48	0.50	0.10	0.13	0.15	0.17
Pearl/Grey	007001	30	28	27		29	27	27	26	66	63	61	58	5	10	12	16	30	27	27	26	3	8	10	14	29	26	26	24	84	79	79	74	0.47	0.50	0.50	0.52	0.11	0.14	0.15	0.17
Charcoal/Grey-Stone	00M122	11	13	11		11	13	12	10	87	80	79	79	2	7	9	11	11	13	12	11	2	6	9	11	18	18	18	16	82	79	76	76	0.54	0.55	0.56	0.58	0.11	0.14	0.15	0.16
Charcoal/Charcoal	030030	3	5	6		4	5	6	3	95	91	90	85	1	4	4	12	4	5	5	4	1	4	4	12	13	13	13	8	84	84	84	79	0.60	0.62	0.64	0.67	0.10	0.11	0.10	0.14
Charcoal/Cocoa	030061	5	7	6		5	7	6	5	93	89	87	84	2	4	7	11	5	7	6	5	2	3	7	11	16	13	13	11	84	84	82	82	0.59	0.62	0.64	0.66	0.11	0.10	0.12	0.13
Charcoal/Apricot	030071	13	18	15		13	18	15	14	86	75	78	72	1	7	7	14	14	18	16	14	1	7	6	13	18	18	18	16	84	82	84	79	0.56	0.57	0.59	0.62	0.09	0.12	0.11	0.15

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), Solar Reflectance in Infrared (Rs IR), 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 3 mm clear glass / ½" air / 3 mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performance was tested in accordance with ASTM C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact the Mermet Technical Department at: www.mermetusa.com.

Classifications

Fire		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
Environmental Benefits		RoHS – Lead Free.
Acoustical	1% 3% 5% 10%	NRC: 0.50, SAA: 0.50 NRC: 0.15, SAA: 0.17 NRC: 0.10, SAA: 0.12 NRC: 0.05, SAA: 0.06



For additional information, questions, or to request fabric samples, please contact Mermet's Technical Fabric Specialist at info@mermetusa.com or call toll free at 866.902.9647. www.mermetusa.com



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