



E Screen™ | WITH **KOOLBLACK** TECHNOLOGY

1%, 3%, & 5% Openness



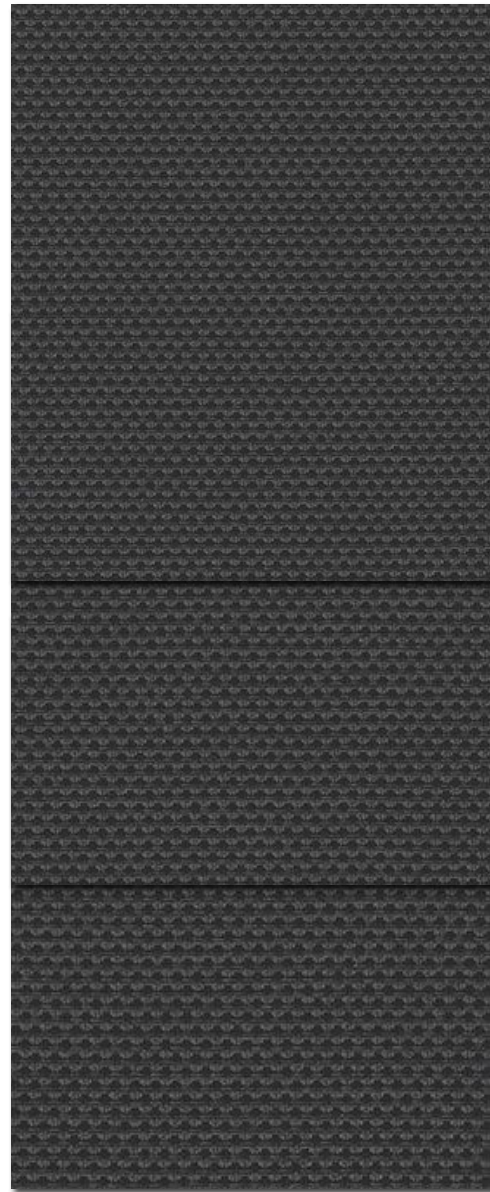
3% Openness
▼

00K122
Charcoal/
Grey-Stone

035131
Charcoal/Grey

035032
Charcoal/Cocoa

035071
Charcoal/Apricot



035035
Charcoal/Charcoal
1% Openness

035035
Charcoal/Charcoal
3% Openness

035035
Charcoal/Charcoal
5% Openness

Reduced Cooling Costs, Improved Comfort

- High contrast for clear and sharp view through.
- Coordinated exterior building design.
- Exceptional glare control.
- Improved heat control and energy savings.
- Excellent acoustic absorption with an NRC up to 0.45.
- Improved near-infrared reflectance of 64% in comparison of 3% for conventional charcoal/charcoal fabrics.

Digital sample of actual colors may vary slightly.



Sun Control Textiles™

Specifications

	1%	3%	5%
Item Number	007701	007703	007705
Product Category	High Performance		
Openness Factor	1%	3%	5%
Composition % Fiberglass / % Vinyl	36% / 64%	36% / 64%	36% / 64%
UV Blockage (approx.)	99%	97%	95%
Fabric Style	Basketweave		

Dimensions

Standard Packaging	Rolls 30 ly (27 lm)	
Width	1%, 3%, 5%	98" (250 cm), 122" (310 cm)
Weight	1%	12.95 oz / yd ² (439 g / m ²) ± 5%
	3%	11.3 oz / yd ² (382 g / m ²) ± 5%
	5%	10.6 oz / yd ² (358 g / m ²) ± 5%
Thickness	1%	0.021" (0.53 mm) ± 5%
	3%	0.020" (0.51 mm) ± 5%
	5%	0.019" (0.47 mm) ± 5%

Fenestration

Fabric Properties

Fabric & Glass

COLOR	NUMBER	OPENNESS	Thermal						Optical		Commercial		Residential	
			Total Solar						RV%	Tv%	SHGC % Improvement		SHGC	
			Rs IR %	Rs%	As%	Ts%	RV%	Tv%	Interior	Exterior	Interior	Exterior		
Charcoal/Charcoal	035035	1%	64	35	53	12	9	2	18	82	0.48	0.14		
		3%	61	34	49	17	10	6	16	82	0.53	0.16		
		5%	60	33	49	18	10	6	16	82	0.54	0.16		
Charcoal/Grey-Stone	00K122	1%	63	38	50	12	17	3	24	82	0.47	0.14		
		3%	60	38	46	16	19	7	24	79	0.48	0.16		
		5%	58	36	45	19	18	9	21	76	0.49	0.18		
Charcoal/Grey	035131	1%	67	40	49	11	16	2	24	84	0.46	0.13		
		3%	65	40	46	14	18	5	24	82	0.47	0.15		
		5%	62	38	45	17	17	7	21	79	0.48	0.17		
Charcoal/Cocoa	035032	1%	64	36	52	12	11	2	21	82	0.48	0.14		
		3%	61	35	48	17	12	6	16	82	0.52	0.16		
		5%	57	32	49	19	11	7	16	82	0.55	0.17		
Charcoal/Apricot	035071	1%	62	39	47	14	19	3	24	82	0.46	0.15		
		3%	58	38	44	18	22	6	21	82	0.50	0.16		
		5%	59	37	42	21	19	9	18	79	0.52	0.18		

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 Performance	1% NRC: 0.45, SAA: 0.46
	3% NRC: 0.15, SAA: 0.17
	5% NRC: 0.10, SAA: 0.12

