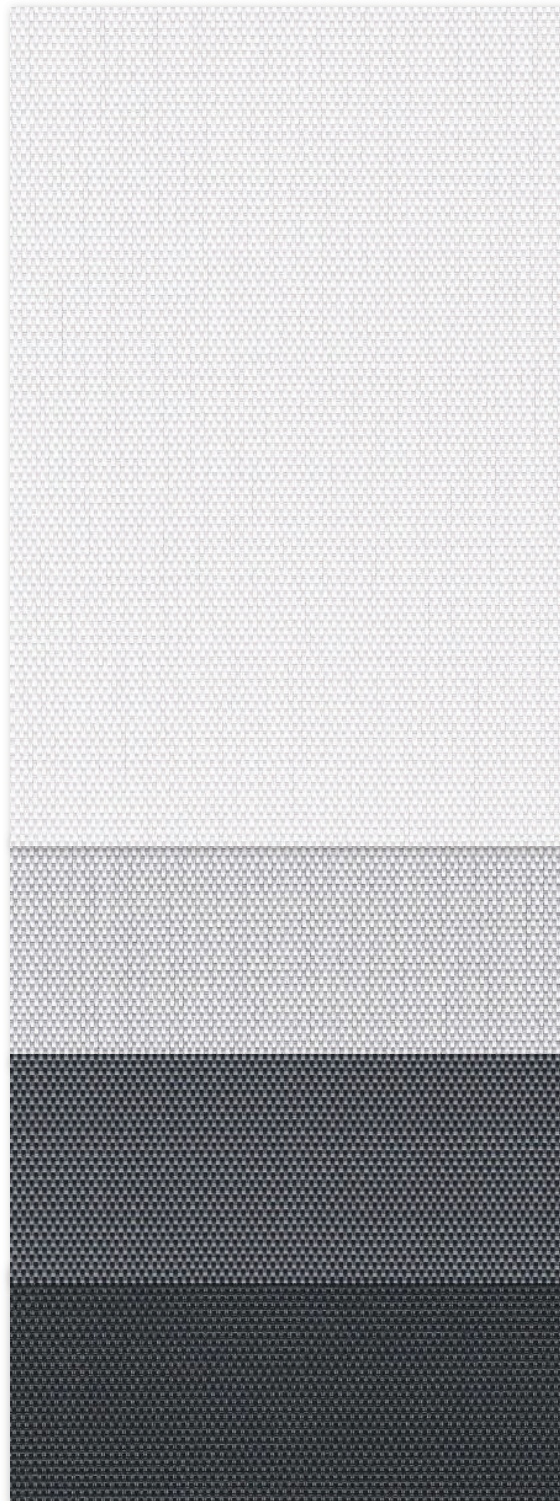


E Screen Chroma™

High Performance | 3% openness



002020 | White/Linen



002002
White/White

002007
White/Pearl

030007
Charcoal/Pearl

030030
Charcoal/Charcoal



MERMET

Sun Control Textiles™

Specifications

Item Number
Product Category
Fabric Style
Openness Factor
Composition

UV Blockage
Standard Packaging
Width
Weight
Thickness

Classifications

Fire Classifications

Bacterial & Fungal Resistance
Environment
Acoustic

Fabrication

E Screen Chroma™

ITEM	COLOR	SIDE*
002020	White/Linen	Streetside Roomside
002002	White/White	Streetside Roomside
002007	White/Pearl	Streetside Roomside
030007	Charcoal/Pearl	Streetside Roomside
030030	Charcoal/Charcoal	Streetside Roomside

Warranty

Care & Cleaning

Mermet Corporation
5970 N. Main Street ■ Cowpens, SC 29330
Ph 1.866.902.9647 ■ info@mermetusa.com

mermetusa.com

037503
High Performance
Basketweave
3%
36% Fiberglass | 64% Vinyl
Ultra-fine layer of aluminum
Approximately 97%
Rolls of 33 ly (30 lm)
94.5 in (240 cm)
11.92 oz/yd² (404 g/m²) ±5%
0.020 in (0.50 mm) ±5%

NFPA 701-10 TM#1, California U.S. Title 19

ASTM E2180, ASTM G21
RoHS - Lead Free, GREENGUARD Gold
NRC: 0.30, SAA: 0.28

Cutting: Cold, Ultrasonic or Crush

Welding: Do not use radio frequency or high frequency welding machines. Heat impulse welding equipment is recommended.

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

F A B R I C					F A B R I C + G L A S S		E M I S S I V I T Y
Rs (%)	thermal Total Solar	Ts (%)	optical		commercial	residential	
	As (%)		Rv (%)	Tv (%)	SHGC % Improvement	SHGC	
81	16	3	79	3	63	0.23	0.17
67	30	3	71	2	55	0.27	0.87
82	15	3	79	3	63	0.23	0.15
74	23	3	79	3	63	0.23	0.86
80	17	3	78	3	61	0.21	0.16
58	39	3	62	3	50	0.32	0.86
82	14	4	79	4	63	0.20	0.13
11	86	3	12	3	21	0.55	0.87
81	16	3	78	3	61	0.21	0.15
4	93	3	5	3	16	0.57	0.87

*Roomside: identified by the color side; Streetside: identified by the aluminum coated side.

10 Year Interior

Storage: Fabric needs to be stored in cardboard tubes to prevent bowing of the fabric or the inner core that the fabric is wrapped around.

Transportation: Fabric should be shipped in the same cardboard tubes, or carefully bulk packaged to avoid crushing of the fabric.

Handling: Fabric should always remain in its native outer packaging during storage, and/or moving. The fabric should be carried with an even distribution across the length of the roll. Cotton gloves should be worn when handling and fabricating blind, as perspiration, dirt, etc. can permanently affect the aluminum backing.

Placement: There needs to be at least 1" between finished shade and glass. Skylights require greater space between finished shade and glass to avoid thermal heat buildup.

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 / 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 / ½" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Emissivity was tested in accordance with ASTM C1371. 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.

