



## M Screen 5%

### Specifications

<b>Product Category:</b>	Conventional	<b>Composition:</b>	36% Fiberglass / 64% Vinyl
<b>Openness Factor:</b>	5%	<b>Standard Packaging:</b>	Rolls of 30 ly (27 lm)
<b>UV Blockage:</b>	Approximately 95%	<b>Width:</b>	78" (200 cm), 98" (250 cm), 122" (310 cm)
<b>Fabric Style:</b>	Rib Weave	<b>Weight:</b>	11.3 oz / yd2 (384 g / m2) ± 5%
<b>Item #:</b>	8505	<b>Thickness:</b>	.022" (0.55 mm) ± 5%

### Glass Performance

Glass Type	Appearance	VLT (Tv)	SHGC (G-Value)
Common Glass Types	Clear	70	0.38

**Common Glass Types:** Guardian SN68, Viracon 1-2 M, PPG Solarban 60

**Coating and Location:** Low E on Surface #2

**Construction:** 6 mm / 1/2" air / 6 mm

### Fabric Performance

### Fabric + Glass Performance

Color#	Color Name	Ts	Rs	As	VLT (Tv)	SHGC (G-Value) Interior Fabric	% Improvement of SHGC with Fabric
02.02	White/White	19	71	10	16	0.28	26%
02.07	White/Pearl	15	52	33	12	0.30	21%
02.20	White/Linen	19	61	20	15	0.29	24%
02.22	White/Stone	21	61	18	18	0.29	24%
07.07	Pearl/Pearl	10	33	57	7	0.33	13%
07.20	Pearl/Linen	12	39	49	9	0.32	16%
20.22	Linen/Stone	22	50	28	18	0.31	18%
30.01	Charcoal/Grey	6	8	86	5	0.37	3%
30.10	Charcoal/Sable	6	13	81	5	0.36	5%
30.30	Charcoal/Charcoal	3	4	93	3	0.37	3%
30.61	Charcoal/Cocoa	5	5	90	4	0.37	3%
30.71	Charcoal/Apricot	7	13	80	7	0.36	5%
61.30	Cocoa/Charcoal	4	6	90	4	0.37	3%
M166	Linen/Sable-Cocoa	12	36	52	10	0.33	13%

The performance tests were conducted in accordance with EN 14501:2005, ASTM E891, ASTM E903-96: Solar Heat Gain Coefficient SHGC (G-Value), Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Light Transmission VLT (Tv), Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. Glass performance tests were conducted using the Lawrence Berkeley National Laboratory Window 6.3 NFRC certified software. Acoustical performance 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](http://www.mermetusa.com)

### Fabrication Methods:

Cutting: cold, ultrasonic or crush

Welding: radio frequency, high frequency, impulse, hot air, wedge

### Fire Classifications:

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

CAN/ULC-S109-03 Small Flame Test

### Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

### Environmental Benefits:

RoHS - Lead Free

### Acoustical Performance:

NRC: 0.10, SAA: 0.12

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

### 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.

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