



# E Screen 1%

## Specifications

|                                       |   |
|---------------------------------------|---|
| <b>Product Category:</b> Conventional | <b>Composition:</b> 36% Fiberglass / 64% Vinyl          |
| <b>Openness Factor:</b> 1%            | <b>Standard Packaging:</b> Rolls of 30 ly (27 lm)       |
| <b>UV Blockage:</b> Approximately 99% | <b>Width:</b> 78" (200 cm), 98" (250 cm), 122" (310 cm) |
| <b>Fabric Style:</b> Basketweave      | <b>Weight:</b> 13.3 oz / yd2 (452 g / m2) ± 5%          |
| <b>Item #:</b> 7501                   | <b>Thickness:</b> .020" (0.52 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       | 14 | 75 | 11 | 11       | 0.27                           | 29%                               |
| 02.07  | White/Pearl       | 9  | 58 | 33 | 6        | 0.30                           | 21%                               |
| 02.20  | White/Linen       | 14 | 66 | 20 | 10       | 0.28                           | 26%                               |
| 20.20  | Linen/Linen       | 15 | 53 | 32 | 11       | 0.30                           | 21%                               |
| 30.01  | Charcoal/Grey     | 3  | 9  | 88 | 2        | 0.36                           | 5%                                |
| 30.30  | Charcoal/Charcoal | 1  | 4  | 95 | 1        | 0.37                           | 3%                                |
| 30.61  | Charcoal/Cocoa    | 2  | 5  | 93 | 2        | 0.37                           | 3%                                |
| 30.71  | Charcoal/Apricot  | 1  | 13 | 86 | 1        | 0.36                           | 5%                                |
| 61.61  | Cocoa/Cocoa       | 2  | 8  | 90 | 2        | 0.37                           | 3%                                |
| 61.71  | Cocoa/Apricot     | 3  | 17 | 80 | 2        | 0.35                           | 8%                                |

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

### Environmental Benefits:

RoHS - Lead Free

### Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

### Acoustical Performance:

NRC: 0.40, SAA: 0.40

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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