



## S Screen Elements

### Specifications

<b>Product Category:</b>	Conventional	<b>Composition:</b>	33.6% Fiberglass / 59.6% Vinyl 6.8% Polyester
<b>Openness Factor:</b>	4%	<b>Standard Packaging:</b>	Rolls of 23 ly (21 lm)
<b>UV Blockage:</b>	Approximately 96%	<b>Width:</b>	98" (250 cm), 122" (310 cm)
<b>Fabric Style:</b>	Rib Weave	<b>Weight:</b>	18.9 oz / yd2 (642 g / m2) ± 5%
<b>Item #:</b>	1604	<b>Thickness:</b>	.037" (0.93 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.P1	Seasalt	11	54	35	9	0.30	21%
07.B1	Peppercorn	7	32	61	5	0.33	13%
10.B2	Almond	9	28	63	7	0.34	11%
10.B6	Ginger	9	36	55	6	0.33	13%
10.P1	Nougat	10	37	53	7	0.32	16%
30.B2	Licorice	5	11	84	4	0.36	5%
61.B2	Coffee Bean	6	14	80	5	0.36	5%
61.P1	Clove	6	18	76	5	0.35	8%
61.P6	Sesame	6	18	76	6	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. Railroad (turning width for length) is not recommended.

#### 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: 0.15, SAA: 0.14

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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