



## T Screen Fusion

### Specifications

<b>Product Category:</b>	Conventional	<b>Composition:</b>	36% Fiberglass / 64% Vinyl
<b>Openness Factor:</b>	3%	<b>Standard Packaging:</b>	Rolls of 30 ly (27 lm)
<b>UV Blockage:</b>	Approximately 97%	<b>Width:</b>	98" (250 cm)
<b>Fabric Style:</b>	Offset Twill	<b>Weight:</b>	11.6 oz / yd2 (395 g / m2) ± 5%
<b>Item #:</b>	9803	<b>Thickness:</b>	.025" (0.64 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	Side	Ts	Rs	As	VLT (Tv)	SHGC (G-Value) Interior Fabric	% Improvement of SHGC with Fabric
02.10	White/Sable	Dark	15	52	33	12	0.30	21%
		Light	14	62	24	11	0.29	24%
M151	White/Sable-Straw	Dark	16	56	28	13	0.30	21%
		Light	15	64	21	12	0.29	24%
M153	Sable/Straw-Cocoa	Dark	10	31	59	7	0.33	13%
		Light	9	34	57	6	0.33	13%
M154	Cocoa/Sable-Linen	Dark	4	11	85	4	0.36	5%
		Light	5	20	75	4	0.35	8%
M155	Sable/Cocoa-Hazelnut	Dark	11	30	59	8	0.33	13%
		Light	10	33	57	7	0.33	13%
M156	Charcoal/Fall-Hazelnut	Dark	4	7	89	4	0.37	3%
		Light	4	17	79	4	0.35	8%
M157	Cocoa/Phoenix-Mustard	Dark	5	11	84	4	0.36	5%
		Light	5	20	75	4	0.35	8%
M158	Cocoa/Apricot-Mustard	Dark	5	11	84	4	0.36	5%
		Light	5	22	73	4	0.35	8%
M159	Cocoa/Phoenix-Fall	Dark	5	10	85	4	0.36	5%
		Light	5	16	79	4	0.35	8%
M160	Charcoal/Sable-Cocoa	Dark	4	6	90	4	0.37	3%
		Light	4	11	85	4	0.36	5%
M161	Cocoa/Grey-Straw	Dark	4	10	86	3	0.36	5%
		Light	4	18	78	4	0.35	8%
M162	Cocoa/Sable-Cocoa	Dark	4	8	88	4	0.37	3%
		Light	4	13	83	4	0.36	5%

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: 0.15, SAA: 0.15

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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