

## Specifications

<b>Product Category:</b>	High Performance	<b>Composition:</b>	36% Fiberglass / 64% Vinyl
<b>Openness Factor:</b>	2%	<b>Standard Packaging:</b>	Rolls of 33 ly (30 lm)
<b>UV Blockage:</b>	Approximately 98%	<b>Width:</b>	94.5" (240 cm)
<b>Fabric Style:</b>	2x2 Basketweave	<b>Weight:</b>	11.92 oz / yd <sup>2</sup> (404 g / m <sup>2</sup> )
<b>Item #:</b>	33000	<b>Thickness:</b>	.020" (0.50 mm)

### Glass Performance

Glass Type	Appearance	VLT (Tv)	SHGC (G-Value)
<b>Common Glass Types</b>	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	Rs	VLT (Tv)	SHGC (G-Value)	% Improvement of SHGC with Fabric
<b>02.20</b>	<b>Beige</b>	78	2	0.27	29%
<b>02.02</b>	<b>White</b>	77	3	0.27	29%
<b>02.07</b>	<b>Light Grey</b>	77	2	0.27	29%
<b>30.07</b>	<b>Dark Grey</b>	77	3	0.27	29%
<b>30.30</b>	<b>Black</b>	77	2	0.27	29%

The performance tests were conducted in accordance with EN 14501:2005, ASTM E891, ASTM E903-96: Solar Heat Gain Coefficient SHGC (G-Value), Solar Reflectance (Rs), 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. 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: do not use radio frequency or high frequency welding machines. Heat impulse impulse welding equipment is recommended.

#### Fire Classifications:

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

#### Bacterial Resistance:

ASTM E 2180

#### Environmental Benefits:

RoHS – Lead Free

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

#### Care & Handling:

**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 aluminium 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.