



M Screen 3%

Specifications

Product Category:	Conventional	Composition:	36% Fiberglass / 64% Vinyl
Openness Factor:	3%	Standard Packaging:	Rolls of 30 ly (27 lm)
UV Blockage:	Approximately 97%	Width:	78" (200 cm), 98" (250 cm), 122" (310 cm)
Fabric Style:	Rib Weave	Weight:	12.7 oz / yd2 (432 g / m2) ± 5%
Item #:	8503	Thickness:	.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	18	71	11	16	0.28	26%
02.07	White/Pearl	10	54	36	8	0.30	21%
02.20	White/Linen	15	64	21	11	0.29	24%
02.22	White/Stone	21	62	17	18	0.29	24%
07.07	Pearl/Pearl	7	34	59	5	0.33	13%
07.20	Pearl/Linen	11	40	49	8	0.32	16%
20.22	Linen/Stone	21	51	28	16	0.31	18%
30.01	Charcoal/Grey	2	8	90	2	0.37	3%
30.10	Charcoal/Sable	4	12	84	4	0.36	5%
30.30	Charcoal/Charcoal	3	4	93	3	0.37	3%
30.61	Charcoal/Cocoa	3	5	92	3	0.37	3%
30.71	Charcoal/Apricot	5	13	82	5	0.36	5%
61.30	Cocoa/Charcoal	4	6	90	4	0.37	3%
M166	Linen/Sable-Cocoa	9	35	56	7	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

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: 0.35, SAA: 0.33

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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