

# M Screen 3%

## Essence Colors

### Specifications

<b>Product Type</b>	Interior / Transparent	<b>Width</b>	98" (250 cm), 122" (310 cm)
<b>Composition</b>	36% Fiberglass / 64% Vinyl	<b>Weight</b>	12.7 oz / yd <sup>2</sup> (432 g / m <sup>2</sup> ) $\pm$ 5%
<b>Breaking Strength</b>	Warp 290 / Weft 280 (lbs)	<b>Thickness</b>	.022" (0.55 mm) $\pm$ 5%
<b>Standard Packaging</b>	Rolls of 30 ly (27 lm)	<b>Yarn Count</b>	Warp 56 / Weft 56 (ends per inch)

Openness Factor\* 3%

UV Blockage: Approximately 97%

Color #	Color	Color #	Color
1030	Sable/Charcoal	M167	Cocoa/Sable-Straw
3061	Charcoal/Cocoa	M168	Cocoa/Brick Façade-Fall
M153	Sable/Straw-Cocoa	M169	Cocoa/Fall-Mustard
M155	Sable/Cocoa-Hazelnut	M170	Cocoa/Phoenix-Hazelnut
M162	Cocoa/Sable-Cocoa	M171	Cocoa/Phoenix-Cocoa
M163	White/Sable-Mustard	M172	Charcoal/Brick Façade-Fall
M164	White/Sable-Cocoa	M173	Charcoal/Phoenix-Cocoa
M165	White/Straw-Linen	M174	Charcoal/Straw-Cocoa
M166	Linen/Sable-Cocoa	M175	Sable/Mustard-Hazelnut

### Applications:



Roller  
Shades

**Fire Classifications:** NFPA 701-99 TM#1, California U.S. Title 19, ASTM E 662, ASTM E 84  
Boeing Toxicity BSS 7239

**Environmental Benefits:** RoHS

**Fungal Resistance:** ASTM G21

### Fabrication Methods:

- Cutting: cold cut, ultrasonic, crush cut or laser
- Seaming/Hemming: thermal, high frequency, ultrasonic or sewing

**Care and Cleaning:** 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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### Fenestration Properties

Openness Factor\* 3%

UV Blockage: Approximately 97%

Number	Description	Ts	Rs	As	Tv	SC (Internal)	
						1/4" CI	1/4" HA
1030	Sable/Charcoal	5	21	74	5	0.59	0.45
3061	Charcoal/Cocoa	2	6	92	4	0.68	0.50
M153	Sable/Straw-Cocoa	7	31	62	7	0.54	0.42
M155	Sable/Cocoa-Hazelnut	7	30	63	7	0.54	0.43
M162	Cocoa/Sable-Cocoa	4	11	85	6	0.65	0.49
M163	White/Sable-Mustard	12	55	33	12	0.40	0.35
M164	White/Sable-Cocoa	9	44	47	10	0.46	0.38
M165	White/Straw-Linen	14	59	27	13	0.38	0.34
M166	Linen/Sable-Cocoa	10	36	54	10	0.51	0.41
M167	Cocoa/Sable-Straw	4	18	78	6	0.61	0.46
M168	Cocoa/Brick Façade-Fall	4	15	81	5	0.63	0.47
M169	Cocoa/Fall-Mustard	4	17	79	5	0.62	0.47
M170	Cocoa/Phoenix-Hazelnut	4	16	80	5	0.62	0.47
M171	Cocoa/Phoenix-Cocoa	4	11	85	4	0.66	0.49
M172	Charcoal/Brick Façade-Fall	3	13	84	4	0.64	0.48
M173	Charcoal/Phoenix-Cocoa	3	8	89	4	0.67	0.49
M174	Charcoal/Straw-Cocoa	3	13	84	4	0.64	0.48
M175	Sable/Mustard-Hazelnut	10	42	48	8	0.47	0.39

\*Please note that the Openness Factor is an approximation and may vary from color to color in the same fabric due to the color and manufacturing process. Solar transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Light Transmittance (Tv), Shading Coefficient (SC), Clear Plate (CI), Heat Plate (HA). The fenestration property tests were conducted in accordance with ASHRAE Standard 74-1988 "Methods of Solar Optical Properties of Materials". The above data is indicative. For current test results, performance specifications, and larger samples, contact the Mermet Marketing Department.

