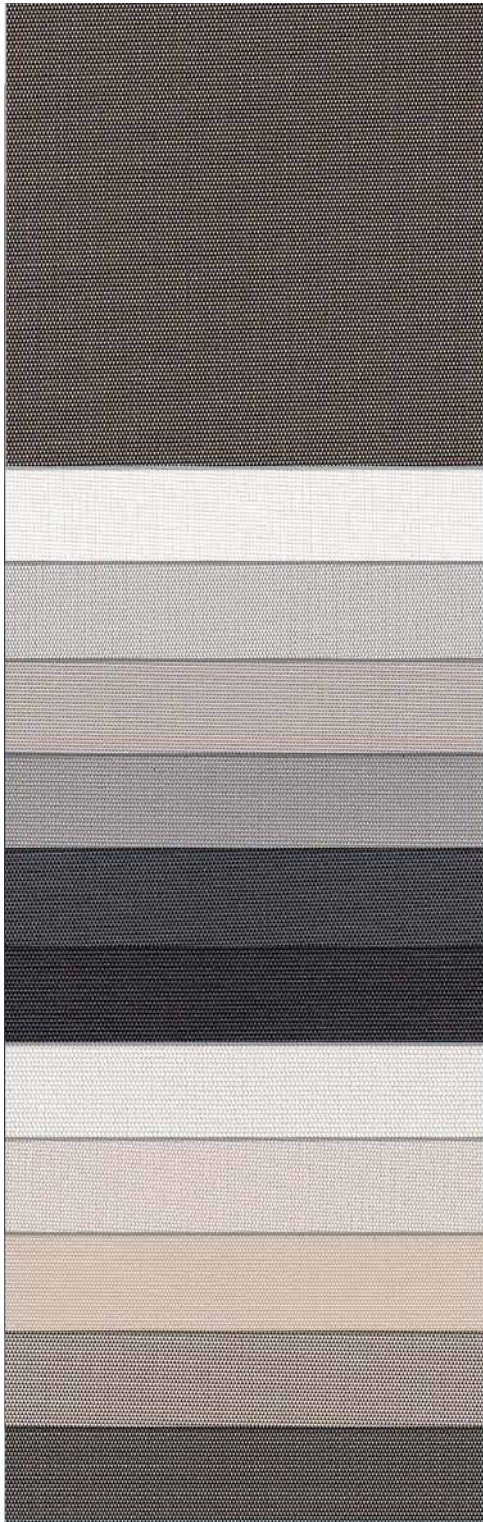




M Screen

1%, 3%, and 5% Openness



3% Openness



030071
Charcoal/Apricot

002002
White/White

002007
White/Pearl

007020
Pearl/Linen

007007
Pearl/Pearl

030001
Charcoal/Grey

030030
Charcoal/Charcoal

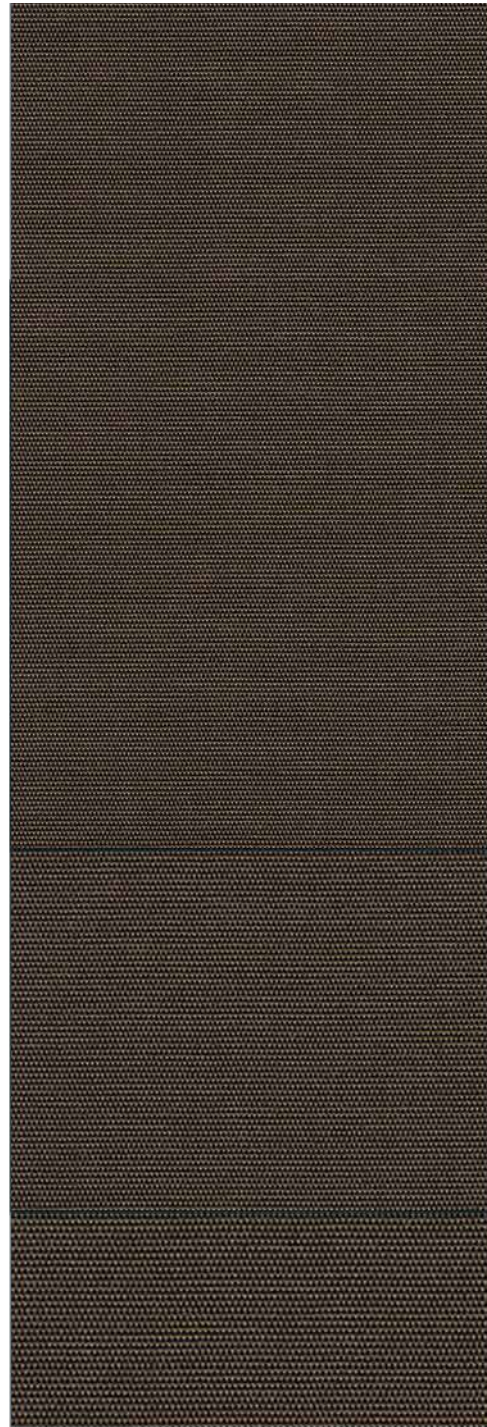
002022
White/Stone

002020
White/Linen

020022
Linen/Stone

00M166
Linen/Sable-Cocoa

030010
Charcoal/Sable



1% 030061
Charcoal/Cocoa

3% 030061
Charcoal/Cocoa

5% 030061
Charcoal/Cocoa

M Screen™

1%, 3%, and 5% Openness

Specifications

| | 1% | 3% | 5% |
|----------------------------------|--------------|-----------|-----------|
| Item number | 008501 | 008503 | 008505 |
| Product category | Conventional | | |
| Openness factor | 1% | 3% | 5% |
| Composition %Fiberglass / %Vinyl | 36% / 64% | 36% / 64% | 36% / 64% |
| UV Blockage (approx.) | 99% | 97% | 95% |
| Fabric style | Rib weave | | |

Dimensions

| Standard Packaging | Rolls 30 ly (27 lm) | |
|--------------------|---------------------|---|
| Width | 3% 5% | 78" (200 cm) |
| | 1%, 3%, 5% | 98" (250 cm) |
| | 1%, 3%, 5% | 122" (310 cm) |
| Weight | 1% | 13.12 oz / yd ² (445 g / m ²) ± 5% |
| | 3% | 12.70 oz / yd ² (432 g / m ²) ± 5% |
| | 5% | 11.30 oz / yd ² (384 g / m ²) ± 5% |
| Thickness | 1% | 0.022" (0.56 mm) ± 5% |
| | 3% | 0.022" (0.55 mm) ± 5% |
| | 5% | 0.022" (0.55 mm) ± 5% |

Fenestration

Fabric Properties

Fabric & Glass

| COLOR | OPENNESS NUMBER | Thermal Total Solar | | | | | | | | | Optical | | | | | | Commercial SHGC% Improvement | | | | | | Residential SHGC% | | | | | |
|-------------------|-----------------|---------------------|----|----|------|----|----|------|----|----|---------|----|----|------|----|----|------------------------------|----|----|----------|----|----|-------------------|------|------|----------|------|------|
| | | Rs % | | | As % | | | Ts % | | | Rv % | | | Tv % | | | Interior | | | Exterior | | | Interior | | | Exterior | | |
| | | 1% | 3% | 5% | 1% | 3% | 5% | 1% | 3% | 5% | 1% | 3% | 5% | 1% | 3% | 5% | 1% | 3% | 5% | 1% | 3% | 5% | 1% | 3% | 5% | | | |
| Charcoal/Apricot | 030071 | 11 | 13 | 13 | 86 | 82 | 80 | 3 | 5 | 7 | 11 | 14 | 13 | 2 | 5 | 7 | 18 | 18 | 16 | 82 | 84 | 84 | 0.55 | 0.59 | 0.60 | 0.11 | 0.11 | 0.11 |
| White/White | 002002 | 76 | 71 | 71 | 9 | 11 | 10 | 15 | 18 | 19 | 81 | 76 | 75 | 12 | 16 | 16 | 63 | 55 | 55 | 82 | 76 | 76 | 0.24 | 0.29 | 0.30 | 0.13 | 0.16 | 0.16 |
| White/Pearl | 002007 | 59 | 54 | 52 | 32 | 36 | 33 | 9 | 10 | 15 | 64 | 58 | 56 | 7 | 8 | 12 | 50 | 45 | 42 | 84 | 84 | 79 | 0.32 | 0.37 | 0.40 | 0.10 | 0.11 | 0.14 |
| Pearl/Linen | 007020 | 36 | 40 | 39 | 56 | 49 | 49 | 8 | 11 | 12 | 38 | 42 | 41 | 5 | 8 | 9 | 34 | 34 | 32 | 82 | 84 | 82 | 0.44 | 0.46 | 0.47 | 0.12 | 0.12 | 0.13 |
| Pearl/Pearl | 007007 | 32 | 34 | 33 | 63 | 59 | 57 | 5 | 7 | 10 | 34 | 36 | 35 | 4 | 5 | 7 | 26 | 29 | 29 | 84 | 87 | 84 | 0.45 | 0.48 | 0.50 | 0.11 | 0.10 | 0.12 |
| Charcoal/Grey | 030001 | 7 | 8 | 8 | 91 | 90 | 86 | 2 | 2 | 6 | 7 | 8 | 8 | 2 | 2 | 5 | 18 | 16 | 13 | 82 | 87 | 84 | 0.56 | 0.61 | 0.63 | 0.12 | 0.09 | 0.11 |
| Charcoal/Charcoal | 030030 | 4 | 4 | 4 | 95 | 93 | 93 | 1 | 3 | 3 | 4 | 4 | 4 | 1 | 3 | 3 | 16 | 13 | 11 | 82 | 84 | 87 | 0.57 | 0.63 | 0.64 | 0.11 | 0.10 | 0.09 |
| White/Stone | 002022 | 67 | 62 | 61 | 15 | 17 | 18 | 18 | 21 | 21 | 71 | 66 | 65 | 16 | 18 | 18 | 55 | 47 | 47 | 76 | 74 | 74 | 0.30 | 0.35 | 0.36 | 0.16 | 0.18 | 0.18 |
| White/Linen | 002020 | 67 | 64 | 61 | 18 | 21 | 20 | 15 | 15 | 19 | 72 | 67 | 64 | 12 | 11 | 15 | 55 | 50 | 47 | 79 | 82 | 79 | 0.29 | 0.33 | 0.36 | 0.14 | 0.13 | 0.16 |
| Linen/Stone | 020022 | 50 | 51 | 50 | 29 | 28 | 28 | 21 | 21 | 22 | 53 | 53 | 52 | 18 | 16 | 18 | 42 | 39 | 37 | 71 | 76 | 74 | 0.39 | 0.41 | 0.42 | 0.19 | 0.18 | 0.19 |
| Linen/Sable-Cocoa | 00M166 | 39 | 35 | 36 | 50 | 56 | 52 | 11 | 9 | 12 | 41 | 37 | 37 | 9 | 7 | 10 | 37 | 29 | 29 | 79 | 84 | 82 | 0.43 | 0.48 | 0.49 | 0.14 | 0.11 | 0.13 |
| Charcoal/Sable | 030010 | 10 | 12 | 13 | 87 | 84 | 81 | 3 | 4 | 6 | 10 | 13 | 13 | 2 | 4 | 5 | 18 | 18 | 16 | 82 | 84 | 84 | 0.55 | 0.59 | 0.60 | 0.12 | 0.10 | 0.11 |
| Charcoal/Cocoa | 030061 | 5 | 5 | 5 | 93 | 92 | 90 | 2 | 3 | 5 | 5 | 5 | 5 | 2 | 3 | 4 | 16 | 13 | 13 | 82 | 84 | 84 | 0.57 | 0.62 | 0.64 | 0.12 | 0.10 | 0.10 |

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.

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Total Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory Window 7.3 NFRC certified software. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performance was 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.

Classifications

| | | |
|-------------------------------|----------------|---|
| Fire | 1%, 3%, 5% | NFPA 701-10 TM#1, California U.S. Title 19, CAN/ULC-S109-3 Small and Large Flame test |
| Bacterial & Fungal Resistance | 1%, 3%, 5% | ASTM E2180, ASTM G21 |
| Environmental Benefits | 3%, 5% | RoHS - Lead Free |
| Acoustical Performance | 1% 3% 5% | NRC: 0.50, SAA: 0.47 NRC: 0.25, SAA: 0.24 NRC: 0.15, SAA: 0.16 |



For additional information, questions, or to request fabric samples, please contact Mermet's Technical Fabric Specialist at info@mermetusa.com or call toll free at 866.902.9647. www.mermetusa.com



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