

POLAR BLACKOUT

Meridian Supreme+, the enhanced iteration of our renowned Meridian collection. With its Greenguard Gold certification, it significantly enhances its appeal for commercial applications, positioning itself as the ultimate choice for those who prioritize both aesthetic excellence and a safe, healthy indoor environment. Featuring an elegant plain weave pattern with a subtle soft texture and a blackout backing that enhances energy efficiency. Additionally, its fire retardant properties make it an ideal choice to meet diverse construction requirements for new builds.

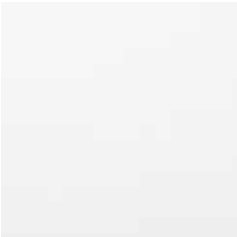
SPECIFICATIONS

- **Product Type:** Blackout
- **Applications:** Roller Shades, Panel Blinds
- **Standard Roll Length:** 30 yards
- **Fire Retardant:** NFPA 701-2023 Small Scale Test
- **Composition:** 100% Polyester with Acrylic Coating
- **Thickness:** 0.0189 in ± 5%, Tested to ISO 2286-3
- **Weight:** 10.32 oz/yd² ± 5%, Tested to ISO 2286-2
- **Width:** 118 inches
- **Weave:** Plain
- **Openness Factor:** 0%
- **Cutting:** Crush, Cold
- **Welding/Bonding Tape:** Yes
- **Railroading:** Not Recommended
- **Warranty:** 5 years

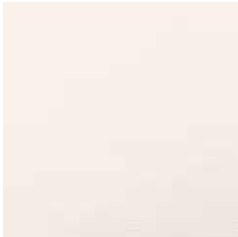
- **Light Fastness:** ≥ 6 (Scale of 8), Tested to ISO 105-B02
- **Tear Strength:** Warp < 85 N/5cm, Weft < 60 N/5cm, Tested to ISO 4674
- **Breaking Strength:** Warp < 1750 N/5cm, Weft < 1100 N/5cm, Tested to ISO 13934-1
- **Elongation to Breaking Point:** Warp < 30%, Weft < 24%, Tested to ISO 13934-1
- **UVA:** 100% | **UBV:** 100%

- | | | | |
|-------------------------------|----------------|-------------|--------------------|
| ✓ GREENGUARD Gold Certified | ✓ Printable | ✓ PFAs Free | ✓ GB18586-2001 |
| ✓ OEKO-TEX Certified | ✓ UV Resistant | ✓ PVC Free | ✓ EN71 Part 3:1994 |
| ✓ RoHS Directive (EU)2015/863 | ✓ VOC Free | ✓ Lead Free | ✓ AATCC112-2014 |

- **Care & Cleaning Instructions:** Dust can be removed from the fabric by vacuum cleaning or soft duster. Light stains can be removed with a sponge and soapy water. Avoid using detergents, solvents as it may cause damage to the coating of the fabric.
- Color variances may occur between fabric production batches. These variances are within industry tolerances, kindly check fabric prior to cutting.



ARCTIC 741



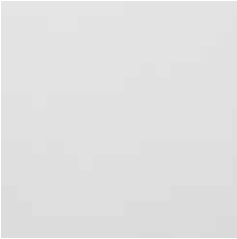
OASIS 742



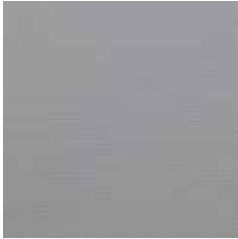
HIGHLAND 743



SEDONA 744



SALT LAKE 745



MYSTIC 746



ABYSS 747



POLAR BLACKOUT

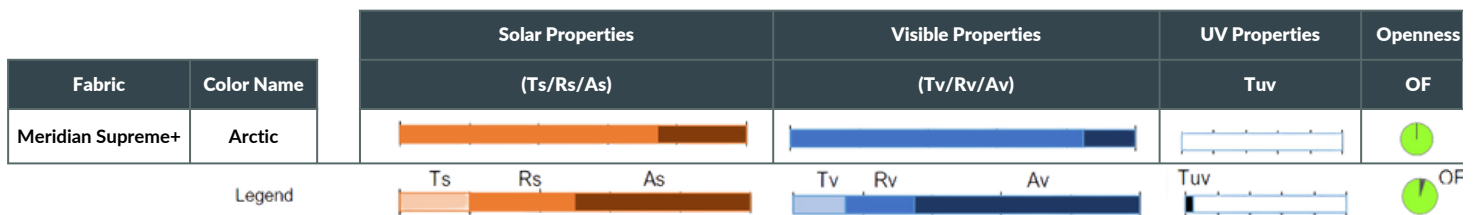
SOLAR OPTICAL PROPERTIES (ZERO DEG PROFILE ANGLE)

| | | | Solar | | | Visible | | | Ultraviolet | Openness |
|-------------------|------------|---|---------------|-------------|-------------|---------------|-------------|-------------|---------------|----------|
| | | | Transmittance | Reflectance | Absorptance | Transmittance | Reflectance | Absorptance | Transmittance | Factor |
| Fabric | Color Name | S | Ts | Rs | As | Tv | Rv | Av | Tuv | O-F |
| Meridian Supreme+ | Arctic | F | 0.0 | 74.3 | 25.7 | 0 | 85 | 15 | 0 | 0.0 |

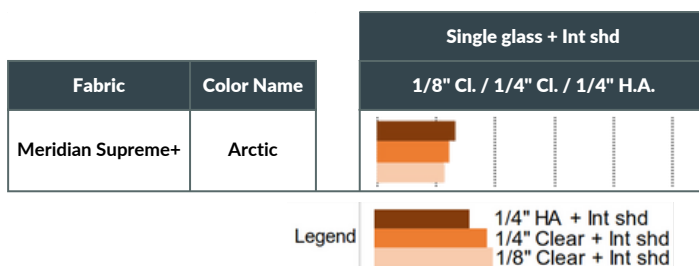
SHADING COEFFICIENT/SHGC OF GLASS + SHADE FABRICS HUNG INTERNALLY

| | | SC (Single glass) + Int shd | | | SHGC (Single glass) + Int shd | | |
|-------------------|--------|-----------------------------|----------|-----------|-------------------------------|----------|-----------|
| | | 1/8" Cl. | 1/4" Cl. | 1/4" H.A. | 1/8" Cl. | 1/4" Cl. | 1/4" H.A. |
| Meridian Supreme+ | Arctic | 0.23 | 0.24 | 0.27 | 0.20 | 0.21 | 0.23 |

SOLAR HEAT CONTROL PROPERTIES FOR SHADE FABRICS IN GRAPHICAL FORM



SHADING COEFFICIENT OF GLASS + SHADE FABRICS IN GRAPHICAL FORM



SHADES BY MATISS

Shades by Matiss New York | Chicago | Los Angeles T.800-493-2040 | info@shadesbymatiss.com