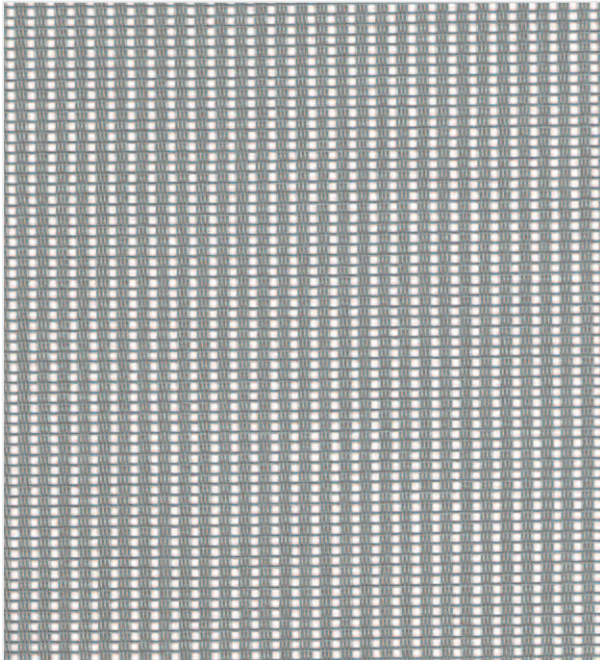
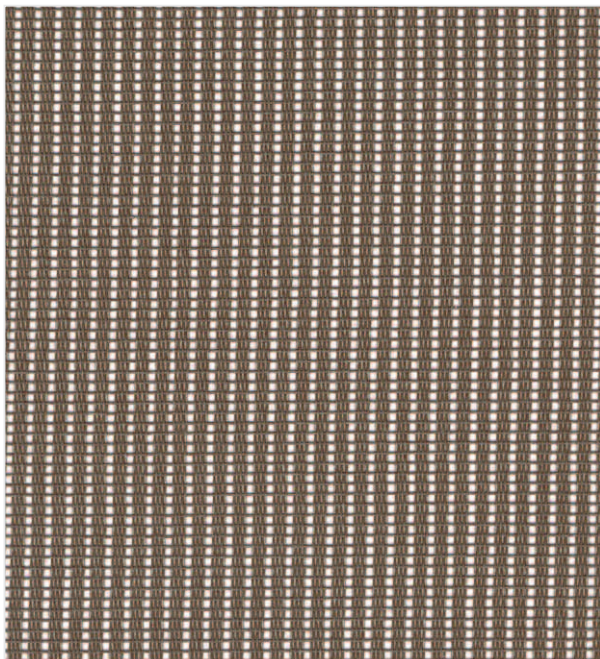


# Exterior Sun Control Fabrics

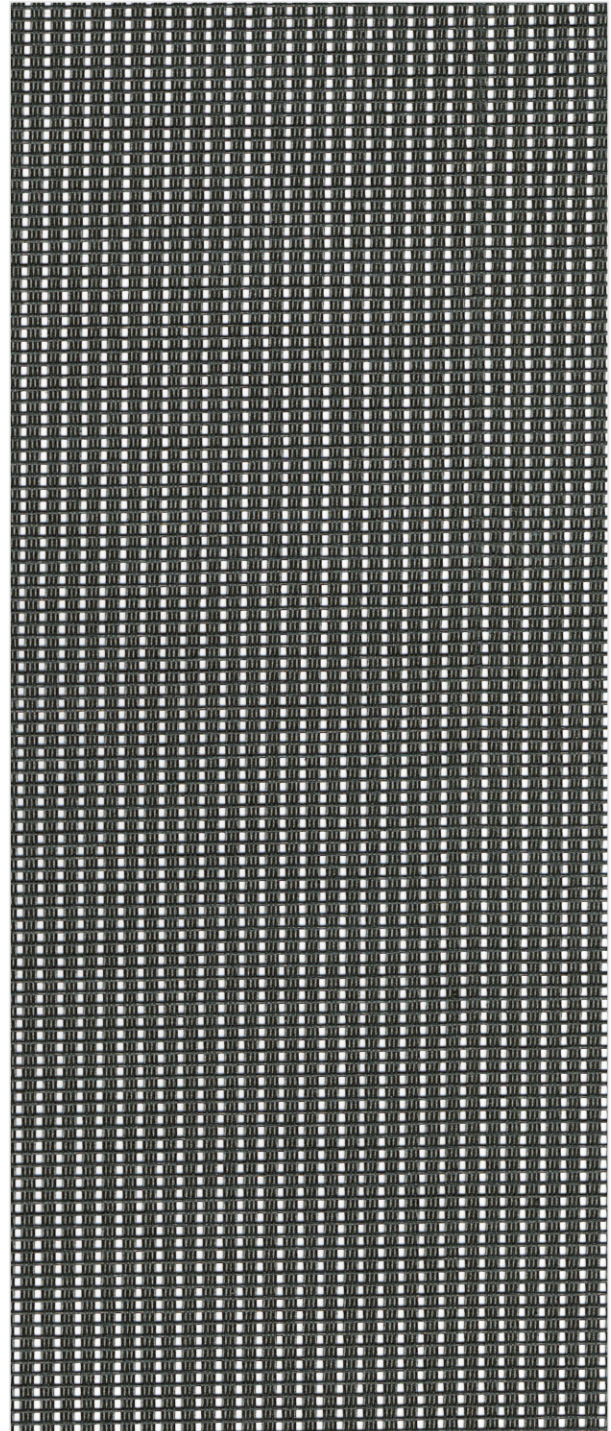
Phifer  
**SunScreen**<sup>®</sup>  
*The Affordable Exterior Shading*



Silver Gray



Bronze



Charcoal

# SunScreen® Exterior Shading Fabric

## Specifications

■ Phifer SunScreen is woven vinyl-coated fiberglass screening manufactured for the primary use of reducing solar heat gain and glare. SunScreen absorbs and dissipates up to 70 percent of the sun's heat and glare before it reaches the window. SunScreen is easily installed on any type and size of window and also performs as an insect screening.

**Fire Classification:** NFPA 101 (Class B Rating) and IBC Section 903.1 (Class A Rating)

**Environmental Certification:** Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage

**Lead Free:** RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content, and REACH (EC 1907/2006) compliant

**Warranty:** 10-year exterior

**Standard Widths:** 36" (91.4cm), 48" (121.9cm), 60" (152.4cm) and 84" (213.4cm); 72" (182.9cm) in Charcoal and Bronze only

**Standard Roll Length:** 100 linear feet (30.48m)

**Composition:** 35% Fiberglass, 65% Vinyl on Fiberglass

**Mesh Weight:** 8.5 oz/yd<sup>2</sup> (288 g/m<sup>2</sup>)

**Fabric Thickness:** .019 in (0.48mm)

**Openness Factor:** Approximately 25%

**UV Blockage:** Approximately 75%

**Breaking Strength (lb):** 190 Warp, 105 Fill

**Stiffness (mg):** 275 Warp, 95 Fill



PRODUCT CERTIFIED FOR  
LOW CHEMICAL EMISSIONS  
UL.COM/CG  
UL 2818



**Table I. Solar Heat Control Properties of Phifer SunScreen Fabrics  
Fabrics Installed Externally, Thirty-Degree Profile Angle**

Color	* Solar Optical Properties				Shading Coefficient w/		
	T <sub>S</sub>	R <sub>S</sub>	A <sub>S</sub>	T <sub>V</sub>	1/8CL	1/4CL	1/4HA
Charcoal	24	5	71	28	0.33	0.33	0.31
Silver Gray	24	13	63	26	0.32	0.32	0.30
Bronze	26	14	60	27	0.34	0.34	0.31

**Table II. Solar Heat Control Properties of Phifer SunScreen Fabrics  
Fabrics Installed Internally, Zero-Degree Profile Angle**

Color	* Solar Optical Properties				Shading Coefficient w/		
	T <sub>S</sub>	R <sub>S</sub>	A <sub>S</sub>	T <sub>V</sub>	1/8CL	1/4CL	1/4HA
Charcoal	25	6	69	29	0.77	0.73	0.53
Silver Gray	22	16	62	24	0.70	0.66	0.49
Bronze	26	14	60	27	0.72	0.68	0.51

\* Performance evaluations conducted by Matrix, Inc., Mesa, Arizona.

TS = Solar Transmittance

1/8 CL = 1/8" Clear Glass

RS = Solar Reflectance

1/4 CL = 1/4" Clear Glass

AS = Solar Absorptance

1/4HA = 1/4" Heat Absorbing Glass

TV = Visual Transmittance

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility. For complete technical information, test results, performance specifications and larger samples, contact our Sun Control Marketing Department.



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