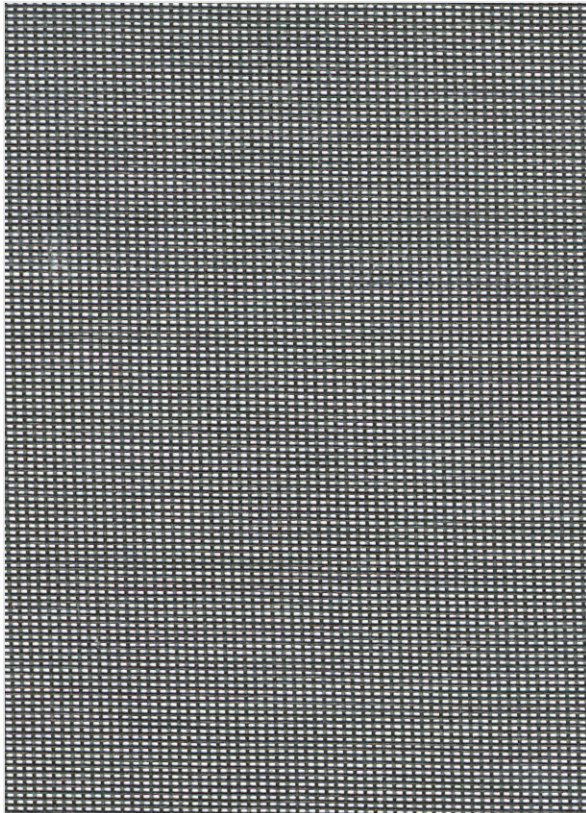


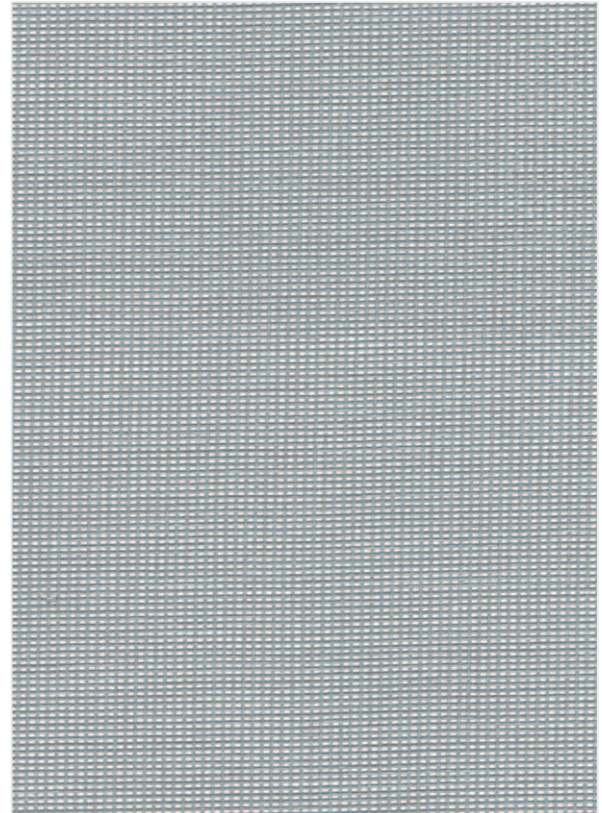
# Exterior Sun Control Fabrics

Phifer®  
Solar Insect  
Screening

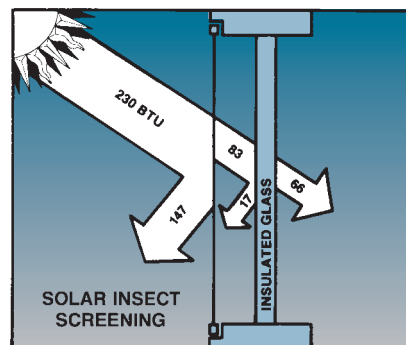
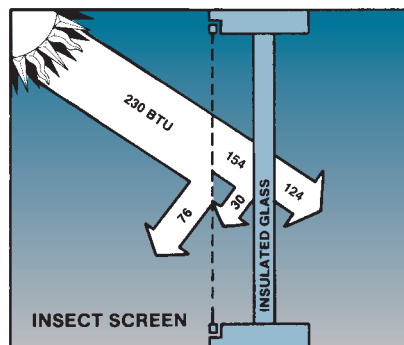
**Exterior shading that looks like a screen...works like a sun shade.**



Charcoal



Silver Gray



- Regular Fiberglass Insect Screening (chart on left) offers about 30% shading.
- Phifer Solar Insect Screening (chart on right) blocks up to 65% of the sun's hot rays.

# Solar Insect Screening

## Specifications

■ Phifer Solar Insect Screening offers the ultimate in insect protection while at the same time stopping up to 65% of the sun's heat and glare. This fabric also improves daytime privacy while offering excellent outward visibility. Phifer Solar Insect Screening works whether windows are open or closed.

**Environmental Certification:** GREENGUARD Certified, GREENGUARD Children and Schools Certified and GREENGUARD Select Certified for Home, Commercial, Healthcare and Education

**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

**Fabric Features:** Flame retardant, light filtering, sun control, reduces fading, extremely tight weave for excellent insect protection, looks like regular insect screening and very good outward visibility

**Standard Colors:** Charcoal and Silver Gray  
**Standard Widths:** 36" (91.4cm), 48" (121.9cm), 60" (152.4cm), 72" (182.9cm) and 84" (213.4cm)  
**Standard Roll Length:** 100 Linear Feet (30.48m)  
**Mesh Weight:** 7.0 oz/yd<sup>2</sup> (235.6 g/m<sup>2</sup>)

**Fabric Thickness (in):** .015 (.381mm)  
**Openness Factor:** Approximately 32%  
**UV Blockage:** Approximately 68%  
**Composition:** 37% Fiberglass, 63% Vinyl on Fiberglass



### Solar Heat Control Properties of Phifer Solar Insect Screening Fabrics Installed Externally, Thirty-Degree Profile Angle

Color	* Solar Optical Properties			Shading Coefficient w/		
	TS	RS	AS	1/8CL	1/4CL	1/4HA
Charcoal	31	5	64	0.40	0.39	0.37
Silver Gray	30	10	60	0.38	0.38	0.35

### Solar Heat Control Properties of Phifer Solar Insect Screening Fabrics Installed Externally, Eighty-Five-Degree Profile Angle

Color	* Solar Optical Properties			Shading Coefficient w/		
	TS	RS	AS	1/8CL	1/4CL	1/4HA
Charcoal	5	23	72	0.13	0.13	0.13
Silver Gray	12	21	67	0.20	0.20	0.19

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

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.



P. O. BOX 1700 • TUSCALOOSA, ALABAMA 35403-1700 U.S.A.  
 PHONE: 205/345-2120 • TOLL FREE 1/800-854-9473  
 FAX: 205/750-4890 • www.phifer.com

