Solar Insect Screening

Specifications

MADE IN THE USA

■ 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: 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), 72" (182.9cm) and 84" (213.4cm)
Standard Roll Length: 100 Linear Feet (30.48m)
Composition: 37% Fiberglass, 63% Vinyl on Fiberglass

Mesh Weight: 7.0 oz/yd² (235.6 g/m²)
Fabric Thickness (in): .015 (.381mm)
Openness Factor: Approximately 32%
UV Blockage: Approximately 68%

GREENGUARD GOLD — PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

LEAD FREE — FLAME RETARDANT — ENERGY SAVING — PRINTABLE — EXTERIOR 10 WARRANTY

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

	* Solar Optical Properties			Solar Heat Gain Coefficient (SHGC)		
Color	TS	RS	AS	1/8CL	1/4CL	1/4HA
Charcoal	31	5	64	0.35	0.34	0.32
Silver Gray	30	10	60	0.33	0.33	0.30

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

	* Solar Optical Properties			Solar Heat Gain Coefficient (SHGC)		
Color	TS	RS	AS	1/8CL	1/4CL	1/4HA
Charcoal	5	23	72	0.11	0.11	0.11
Silver Gray	12	21	67	0.17	0.17	0.17

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

TS = Solar Transmittance
RS = Solar Reflectance
AS = Solar Absorptance

1/8 CL = 1/8" Clear Glass
1/4 CL = 1/4" Clear Glass
1/4 HA = 1/4" Heat Absorbing Glass

The solar optical properties are used to calculate the solar heat gain coefficient (SHGC). The SHGC represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Dark colors provide maximum glare reduction and visibility. For test references and technical definitions visit us at www.phifer.com.

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