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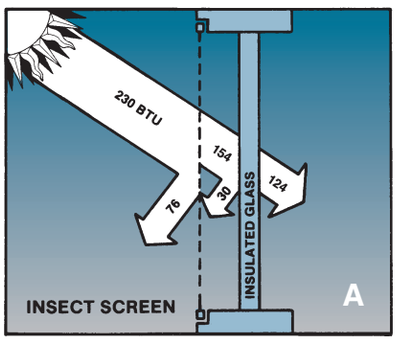
Exterior Sun Control Fabrics

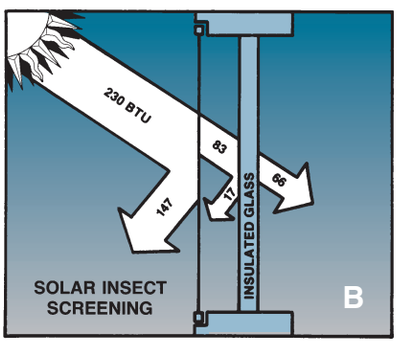
Phifer® Solar Insect Screening

Solar Insect Screening Exterior Shading Fabric

Looks like a screen...
works like a sun shade.

A dual-purpose fabric, 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 vinyl-coated fiberglass fabric improves daytime privacy and offers excellent outward visibility. Because it is normally installed on the outside, Phifer Solar Insect Screening works whether windows are open or closed. The openness of this 20x30 mesh is small enough to keep out tiny insects.





Shading Performance of Regular Insect Screening versus Solar Insect Screening

Diagram A:

- Regular Fiberglass Insect Screening offers about 30% shading.

Diagram B:

- Phifer Solar Insect Screening blocks up to 65% of the sun's hot rays.

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

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

MADE IN THE USA

Sun control • Reduces fading
Tight weave for excellent insect protection
Looks like regular insect screening
Very good outward visibility

Standard Colors: Charcoal and Silver Gray.
Standard Widths: 36", 48", 60", 72" and 84" (91.4cm, 121.9cm, 152.4cm, 182.9cm and 213.4cm); 96" (243.8cm) available in Charcoal only
Standard Roll Length: 100 Linear Feet (30.48M)

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

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

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

	*Solar Optical Properties			Solar Heat Gain Coefficient		
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 • 1/4HA = 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 transferred 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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