

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.

Standard Colors: Charcoal and Silver Gray

Standard Widths: 24" (60.9cm), 30" (76.2cm), 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/yd² (235.6 gm/M²)

Fabric Thickness (in.): .015 (.381mm)

Openness Factor: Approximately 32%

UV Blockage: Approximately 68%

Composition: .013 Fiberglass, PVC coated

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.

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.



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