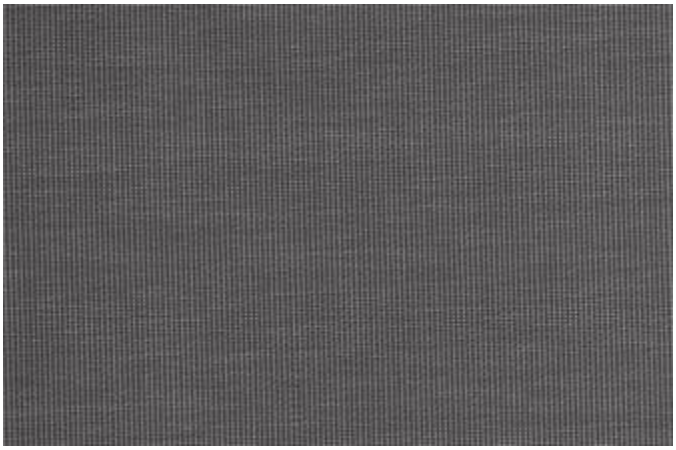
Solar Insect Screening
Charcoal

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.



SPECIFICATIONS

FIRE CLASSIFICATION

NFPA 101 (Class A Rating) and IBC Section 803.1.1 (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 A 100.1-2007 for lead content and REACH (EC 1907/2006) compliant

WARRANTY

10-year exterior

Technical Data	
Standard Widths	36" (91.4cm), 48" (121.9cm), 60" (152.4cm), 72" (182.9cm) and 84" (213.4cm). 96" (243.8cm) available in Charcoal only
Standard Roll Length	100 Linear Feet (30.48m)
Composition **Mesh Weight**	37% Fiberglass, 63% Vinyl on Fiberglass 7.0 oz/yd2 (235.6 g/m2)
Fabric Thickness	.015 (.381mm)
Openness Factor	Approximately 32%
UV Blockage	Approximately 68%

SOLAR INSECT SCREENING SOLAR OPTICAL PROPERTIES				SOLAR HEAT GAIN COEFFICIENT (SHGC) SINGLE		
	Solar Transmittance	Solar Reflectance	Solar Absorption	1/8CL	1/4CL	1/4HA
Solar Insect Screening Charcoal	31	5	64	0.35	0.34	0.32
Solar Insect Screening Silver Gray	30	10	60	0.33	0.33	0.30

*TS - Solar Transmittance, RS - Solar Reflectance, AS - Solar Absorption, TV - Visual Transmittance *SHGC = Solar Heat Gain Coefficient *1/4 CL = 1/4" Clear Glass, 1 HA = 1" Heat Absorbing Glass *Installed as Screens, Thirty-Degree Profile Angle *Solar Heat Gain Coefficient (SHGC) shown calculated according to Office of Building Technology, State and Community Programs, Energy Efficiency and Renewable Energy, U.S. Department of Energy's definition of SHGC. SHGC represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. If you are using glass whose performance is listed in terms of SC, you may convert to SHGC by multiplying the SC by 0.87.