

PHIFER

EXTERIOR SUN CONTROL
FABRIC

SUNSCREEN®

WEAVING
EXCELLENCE
WITH
INNOVATION



Color	SOLAR OPTICAL PROPERTIES				SHGC/G VALUE g-tot (glass & blind)		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
SUNSCREEN® 30 Degree Profile Angle • Fabrics Installed Externally							
Charcoal	24	5	71	28	0.29	0.29	0.31
Silver Gray	24	13	63	26	0.28	0.28	0.26
Bronze	26	14	60	27	0.30	0.30	0.27
SUNSCREEN® 0 Degree Profile Angle • Fabrics Installed Internally							
Charcoal	25	6	69	29	0.67	0.64	0.46
Silver Gray	22	16	62	24	0.61	0.57	0.43
Bronze	26	14	60	27	0.63	0.59	0.44



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



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

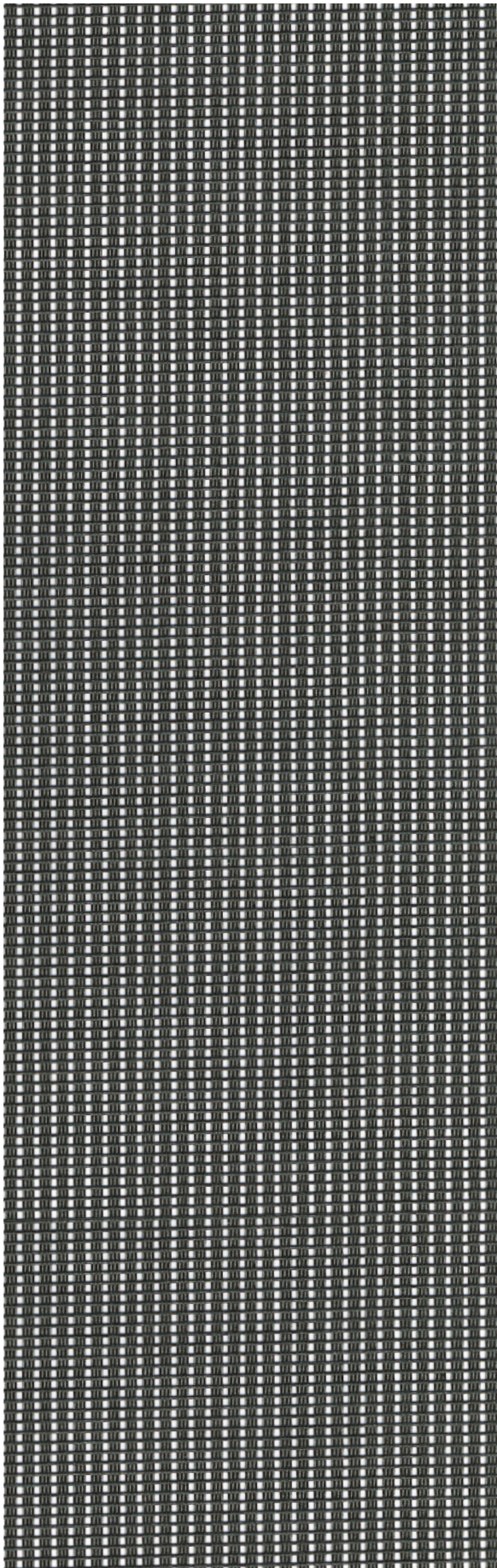
SHGC = Solar Heat Gain Coefficient

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

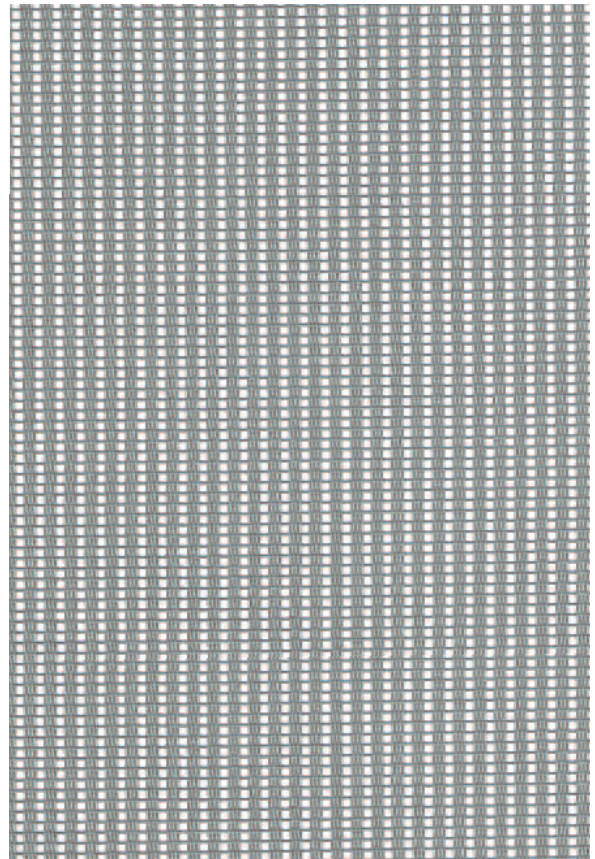
The solar optical properties are used to calculate the solar heat gain coefficient (SHGC). The SHGC represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Dark colors provide maximum glare reduction and visibility.

For additional performance values, test references and technical definitions visit us at www.phifer.com.

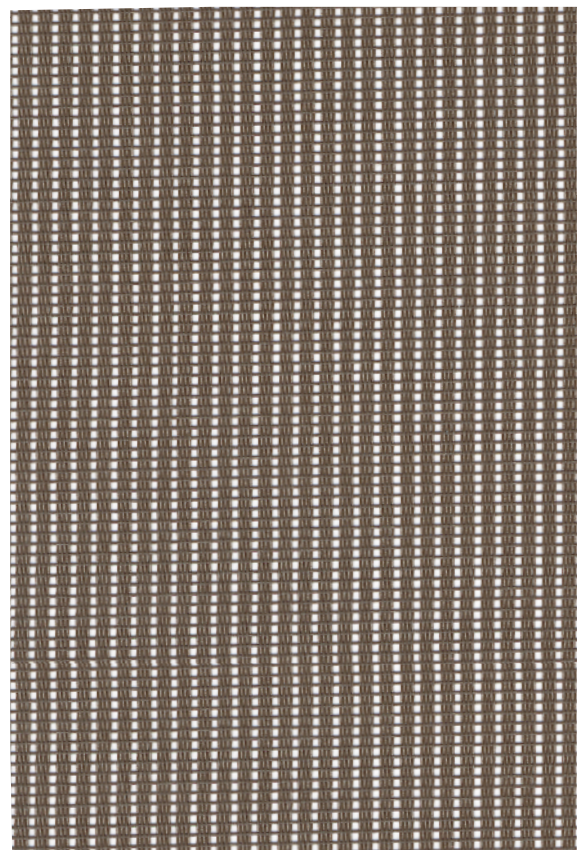
Charcoal



Silver Gray



Bronze



SUNSCREEN SPECIFICATIONS

Phifer SunScreen is woven vinyl-coated fiberglass screening manufactured for the primary use of reducing solar heat gain and glare. SunScreen absorbs and dissipates up to 70 percent of the sun's heat and glare before it reaches the window. SunScreen is easily installed on any type and size of window and also performs as an insect screening.

FIRE CLASSIFICATION	NFPA 101 (Class A Rating) CAN/ULC-S 109-14 (large scale)	IBC Section 803.1.1 (Class A Rating)
ENVIRONMENTAL CERTIFICATION	GREENGUARD Certified to these standards for low chemical emissions into indoor air during product usage	GREENGUARD Gold
LEAD FREE	RoHS/Directive 2002/95/EC ANSI/WCMA A 100.1-2007 for lead content US Consumer Product Safety Commission Section 101 REACH (EC 1907/2006) compliant	
WARRANTY	10-year exterior	

SUNSCREEN

WIDTHS	<i>Charcoal</i> 36", 48", 60", 72", 84", and 96" 91.4 cm, 121.9 cm, 152.4 cm, 182.9 cm, 213.4 cm, and 243.8 cm <i>Silver Gray</i> 36", 48", 60", and 84" 91.4 cm, 121.9 cm, 152.4 cm, and 213.4 cm <i>Bronze</i> 36", 48", and 84" 91.4 cm, 121.9 cm, and 213.4 cm
ROLL LENGTH	100 Linear Feet 30.48 m
COMPOSITION	35% Fiberglass 65% Vinyl on Fiberglass
MESH WEIGHT	8.5 oz/yd ² 288 g/m ²
FABRIC THICKNESS	0.021 in 0.533 mm
OPENNESS FACTOR	Approximately 25%
UV BLOCKAGE	Approximately 75%
BREAKING STRENGTH (LBS)	316 Warp, 161 Fill
STIFFNESS (MG)	293 Warp, 106 Fill



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