

PHIFER

EXTERIOR SUN CONTROL
FABRIC

SUNTEX® 80/90

WEAVING
EXCELLENCE
WITH
INNOVATION



SunTex® 80/90

BY PHIFER

SOLAR OPTICAL PROPERTIES					SHGC/G VALUE g-tot (glass & blind)					
					SINGLE			INSULATING		
Color	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
SUNTEX® 80 Zero Degree Profile Angle • Fabrics Installed Externally										
Brown	28	4	68	37	0.32	0.32	0.30	0.28	0.28	0.23
Black	28	4	68	37	0.32	0.32	0.30	0.28	0.28	0.23
Grey	28	23	49	36	0.30	0.30	0.28	0.26	0.25	0.22
Stucco	31	38	31	36	0.31	0.30	0.29	0.27	0.26	0.23
Beige	32	30	38	39	0.33	0.32	0.30	0.29	0.27	0.23
Dark Bronze	28	5	67	38	0.32	0.31	0.30	0.28	0.26	0.23
SUNTEX® 80 30 Degree Profile Angle • Fabrics Installed Externally										
Brown	26	4	70	37	0.30	0.30	0.28	0.26	0.25	0.22
Black	26	4	70	37	0.30	0.30	0.28	0.26	0.25	0.22
Grey	26	23	51	36	0.29	0.28	0.26	0.24	0.23	0.21
Stucco	30	38	32	36	0.30	0.30	0.28	0.26	0.25	0.22
Beige	31	30	39	39	0.32	0.31	0.30	0.28	0.27	0.23
Dark Bronze	26	5	69	38	0.30	0.30	0.28	0.26	0.25	0.22
SUNTEX® 90 Zero Degree Profile Angle • Fabrics Installed Externally										
Brown	13	5	82	18	0.20	0.20	0.19	0.17	0.16	0.15
Black	14	4	82	19	0.21	0.21	0.20	0.17	0.17	0.15
Grey	14	27	59	18	0.18	0.18	0.17	0.16	0.15	0.13
Stucco	18	44	38	20	0.20	0.20	0.18	0.17	0.17	0.15
Beige	17	36	47	20	0.20	0.20	0.18	0.17	0.17	0.15
Dark Bronze	13	5	82	18	0.20	0.20	0.19	0.17	0.16	0.15
SUNTEX® 90 30 Degree Profile Angle • Fabrics Installed Externally										
Brown	12	5	83	18	0.19	0.19	0.18	0.16	0.15	0.14
Black	12	4	84	19	0.19	0.19	0.18	0.16	0.15	0.14
Grey	13	27	60	18	0.17	0.17	0.16	0.15	0.14	0.13
Stucco	17	44	39	20	0.19	0.19	0.17	0.16	0.16	0.14
Beige	16	36	48	20	0.19	0.19	0.18	0.16	0.16	0.14
Dark Bronze	12	5	83	18	0.19	0.19	0.18	0.16	0.15	0.14



PROTECTION THAT LIVES ON
MICROBAN®
 Microban® antimicrobial protection inhibits the growth of stain-causing bacteria, mold and mildew on the shade.



MIF SEAL OF APPROVAL



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
 1/2 CL = 1/2" Insulating Clear Glass
 1 CL = 1" Insulating Clear Glass
 1 HA = 1" Insulating Heat Absorbing Glass

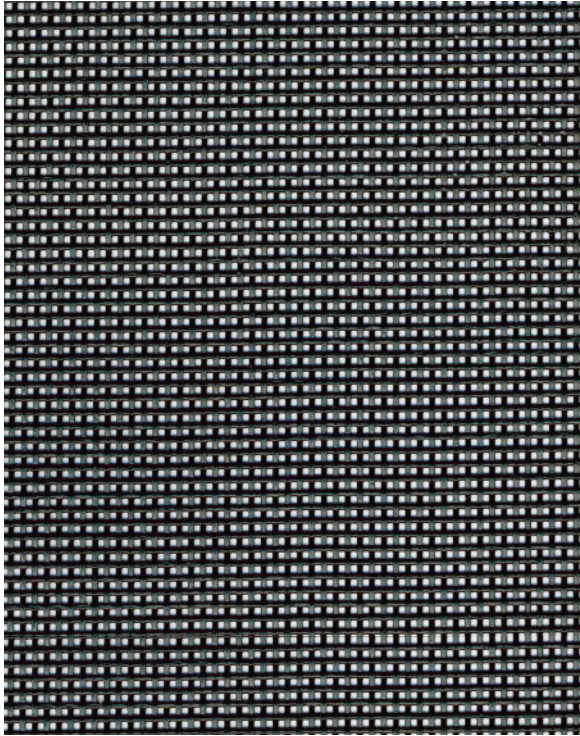
The solar optical properties are used to calculate the solar heat gain coefficient (SHGC). The SHGC represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Dark colors provide maximum glare reduction and visibility.

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

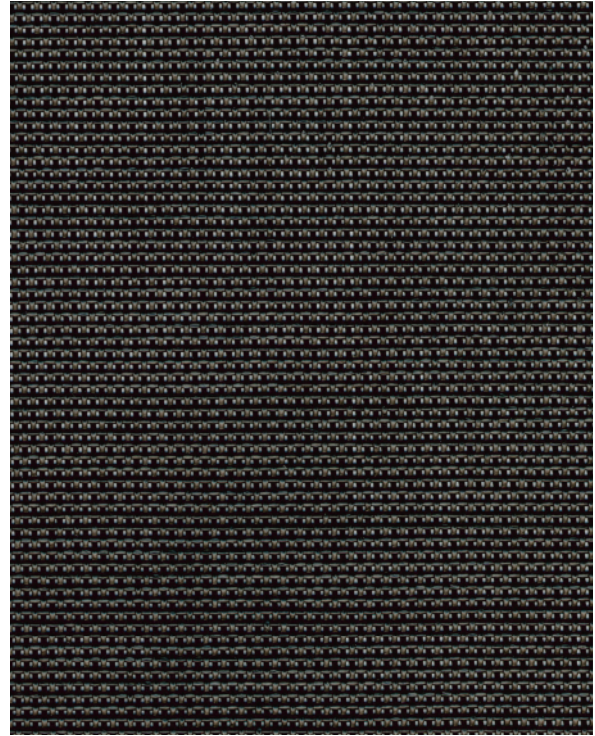
SUNTEX 80

SUNTEX 90

Black



Black

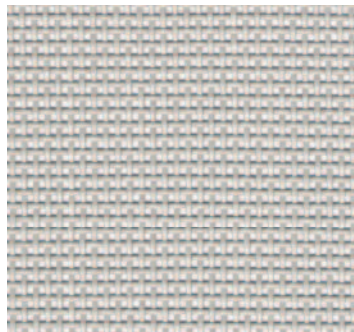


SUNTEX 80 and SUNTEX 90 are also available in the colors shown below.

Brown



Grey



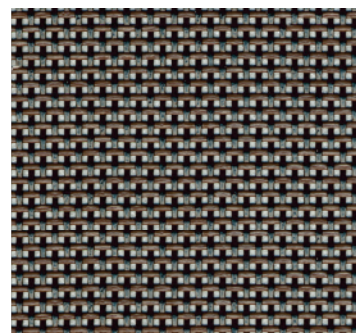
Beige



Stucco



Dark Bronze



*Colors may vary based on individual computer settings and should only be used for general reference.

SUNTEX® 80/90 SPECIFICATIONS

SunTex exterior shading fabric is made of strong vinyl-coated polyester. Developed originally for use in outdoor furniture, SunTex is mildew and fade resistant and needs only an occasional cleaning with mild soap and water. Ideal for use as a shading fabric on windows, doors and porches, SunTex is also pet resistant.

80 FIRE CLASSIFICATION	California Technical Bulletin 117 NFPA 101 (Class B Rating)	IBC Section 803.1.1 (Class B Rating) CAN/ULC-S 109 (large scale)
90 FIRE CLASSIFICATION	California Technical Bulletin 117 NFPA 101 (Class A Rating)	IBC Section 803.1.1 (Class A Rating) CAN/ULC-S 109 (large scale)
BACTERIA AND FUNGAL RESISTANCE	ASTM E 2180 Includes Microban antimicrobial additives	ASTM G21
ENVIRONMENTAL CERTIFICATION	GREENGUARD Certified to these standards for low chemical emissions into indoor air during product usage	GREENGUARD Gold
SAFE USE	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	
UV PROTECTION	Seal of Approval by the Melanoma International Foundation (MIF) for effectiveness in preventing sun damage to the skin or eyes (SunTex 90)	

SUNTEX®	80	90
WIDTHS	36", 48", 60", 72" and 96"; <i>120" available in Black, Brown, Dark Bronze and Stucco</i> 91.4 cm, 121.9 cm, 152.4 cm, 182.9 cm and 243.8 cm; <i>304.8 available in Black, Brown, Dark Bronze and Stucco</i>	36", 48", 60", 72" and 96"; <i>120" in all colors except Grey</i> 91.4 cm, 121.9 cm, 152.4 cm, 182.9 cm and 243.8 cm; <i>304.8 cm in all colors except Grey</i>
ROLL LENGTH	100 Linear Feet; <i>120" available in 90 Linear Feet</i> 30.48 Linear Meters; <i>120" available in 27.43 Linear Meters</i>	100 Linear Feet; <i>120" available in 90 Linear Feet</i> 30.48 Linear Meters; <i>120" available in 27.43 Linear Meters</i>
COMPOSITION	31% Polyester 69% Vinyl on Polyester	31% Polyester 69% Vinyl on Polyester
MESH WEIGHT	13.5 oz/yd ² 457.73 g/m ²	17.2 oz/yd ² 583.18 g/m ²
FABRIC THICKNESS	0.040 in 1.016 mm	0.039 in 0.991 mm
OPENNESS FACTOR	Approximately 25%	Approximately 10%
UV BLOCKAGE	Approximately 75%	Approximately 90%
BREAKING STRENGTH (LBS)	400 Warp, 380 Fill	480 Warp, 340 Fill
STIFFNESS (MG)	500 Warp, 300 Fill	400 Warp, 310 Fill



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