

● Exterior Sun Control Fabrics

Phifer
SunTex
HEAVY-DUTY SHADING FABRIC

Phifer
SunTex.90

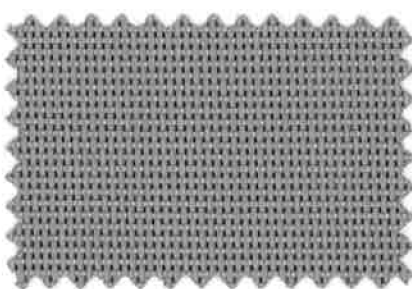
Blocks up to 90% of the sun's heat



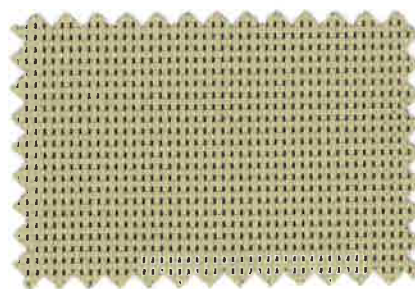
Black



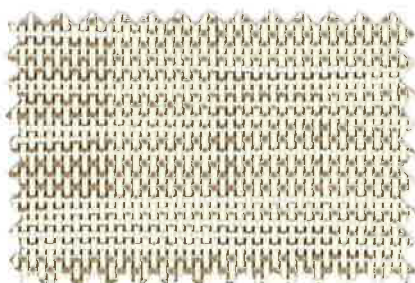
Brown



Grey



Beige



Stucco



Dark Bronze



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 in exterior roller shade applications and as a shading fabric on windows, doors and porches. SunTex is also pet resistant.

Fire Classification: California Technical Bulletin 117-2013, NFPA 101 (Class A Rating), IBC Section 803.1.1 (Class A Rating) and CAN/ULC-S 109-03 (large scale).

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G21; includes Microban antimicrobial additives

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 A100.1-2007 for lead content, and 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



PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL COMINGG
UL 2818



Microban® antimicrobial protection inhibits the growth of stain-causing bacteria, mold and mildew on the shade.



SunTex 90

Blocks up to 90% of the sun's heat

Standard Widths: 36", 48", 60", 72" and 96"
(91.4cm, 121.9cm, 152.4cm, 182.9cm and 243.8cm);
120" (304.8cm) in all colors except Grey

Standard Roll Length: 100 Linear Feet (30.48m);
90 Linear Feet (27.43m) for 120" rolls

Composition: 31% Polyester, 69% Vinyl on Polyester

Mesh Weight: 17.2 (oz/yd²)

Fabric Thickness (in): .039

Openness Factor: Approximately 10%

UV Blockage: Approximately 90%

Breaking Strength (lb): 480 Warp, 340 Fill

Stiffness (mg.): 400 Warp, 310 Fill

Solar Heat Control Properties of Phifer SunTex 90
Fabrics Installed Externally, Thirty-Degree Profile Angle

Color	*Solar Optical Properties			Solar Heat Gain Coefficient (SHGC) w/					
				Single			Insulating		
	TS	RS	AS	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
Brown	11	5	84	0.18	0.18	0.17	0.15	0.14	0.13
Black	11	4	85	0.18	0.18	0.17	0.15	0.15	0.13
Grey	11	26	63	0.16	0.16	0.13	0.13	0.13	0.11
Stucco	17	46	37	0.19	0.19	0.17	0.16	0.16	0.14
Beige	13	36	51	0.16	0.16	0.16	0.14	0.14	0.12
Dark Bronze	11	5	84	0.18	0.18	0.17	0.15	0.14	0.13

Solar Heat Control Properties of Phifer SunTex 90
Fabrics Installed Externally, Seventy-Five-Degree Profile Angle

Color	*Solar Optical Properties			Solar Heat Gain Coefficient (SHGC) w/					
				Single			Insulating		
	TS	RS	AS	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
Brown	2	14	84	0.10	0.10	0.10	0.07	0.07	0.07
Black	2	13	85	0.10	0.10	0.10	0.07	0.07	0.07
Grey	4	34	62	0.09	0.09	0.09	0.06	0.06	0.06
Stucco	12	62	26	0.10	0.10	0.10	0.06	0.06	0.06
Beige	9	51	40	0.10	0.10	0.10	0.06	0.06	0.06
Dark Bronze	2	10	88	0.10	0.10	0.10	0.07	0.07	0.07

* 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
1/4 HA = 1/4" Heat Absorbing Glass
1/2 CL = 1/2" Clear Glass
1 CL = 1" Clear Glass
1 HA = 1" 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.

