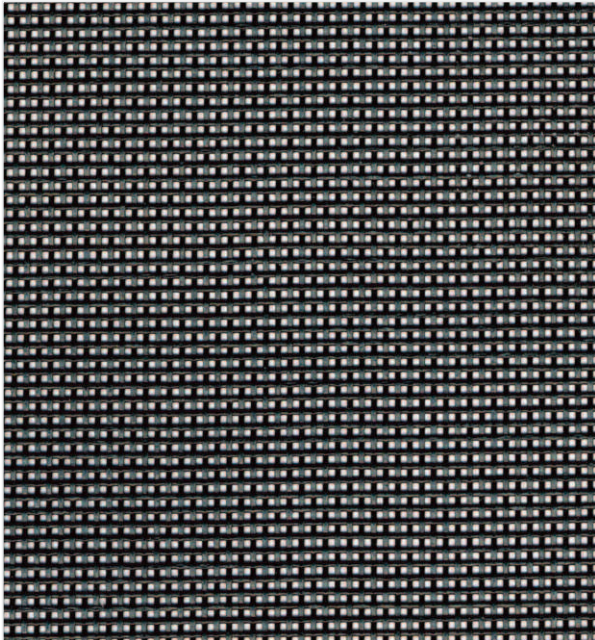


# Exterior Sun Control Fabrics

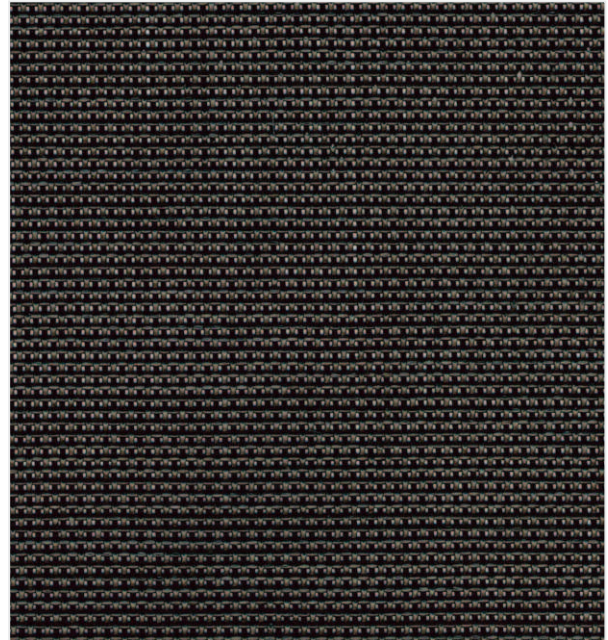
Phifer  
**SunTex**<sup>®</sup>  
HEAVY-DUTY SHADING FABRIC

Phifer  
**SunTex**<sup>®</sup> 80



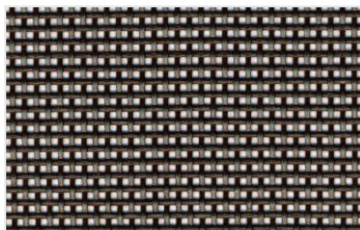
Black

Phifer  
**SunTex**<sup>®</sup> 90



Black

SUNTEX 80 AND SUNTEX 90 ARE ALSO AVAILABLE IN THE COLORS SHOWN BELOW.



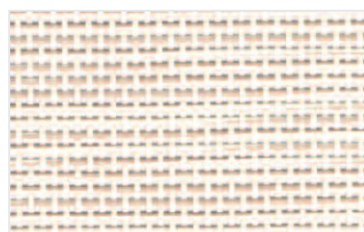
Brown



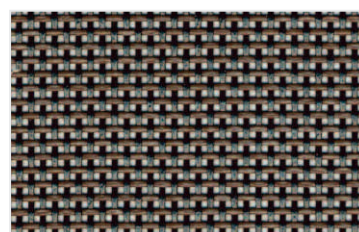
Grey



Beige



Stucco



Dark Bronze



# SunTex® 80 & SunTex 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.

**Fire Classification:** California Technical Bulletin 117 Sect. E. Part 1, NFPA 101 (Class A Rating), and UBC (Class 1)

**Bacteria and Fungal Resistance:** ASTM E 2180, ASTM G21 and ASTM G22; includes Microban antimicrobial additives

**Environmental Certification:** GREENGUARD Certified, GREENGUARD Children and Schools Certified and

GREENGUARD Select Certified for Home, Commercial, Healthcare and Education

**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



## SunTex 80

Blocks up to 80% of the sun's heat

Standard Widths: 36", 48", 60", 72" and 96"

(91.4cm, 121.9cm, 152.4cm, 182.9cm and 243.8cm)

Standard Roll Length: 100 Linear Feet (30.48m)

Composition: 31% Polyester, 69% Vinyl on Polyester

Mesh Weight: 13.5 (oz/yd<sup>2</sup>)

Fabric Thickness (in): .040

Openness Factor: Approximately 25%

UV Blockage: Approximately 75%

Breaking Strength (lb): 400 Warp, 380 Fill

Stiffness (mg): 500 Warp, 300 Fill

## 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/yd<sup>2</sup>)

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

\* 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  
a1/4HA = 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.



Solar Heat Control Properties of Phifer SunTex 80  
Fabrics Installed Externally, Thirty-Degree Profile Angle

| Color       | *Solar Optical Properties |    |    | Shading Coefficient w/ |       |       |            |      |      |
|-------------|---------------------------|----|----|------------------------|-------|-------|------------|------|------|
|             |                           |    |    | Single                 |       |       | Insulating |      |      |
|             | TS                        | RS | AS | 1/8CL                  | 1/4CL | 1/4HA | 1/2CL      | 1CL  | 1HA  |
| Brown       | 22                        | 5  | 73 | 0.31                   | 0.31  | 0.29  | 0.26       | 0.26 | 0.23 |
| Black       | 24                        | 4  | 72 | 0.33                   | 0.33  | 0.28  | 0.28       | 0.27 | 0.24 |
| Grey        | 26                        | 24 | 50 | 0.33                   | 0.32  | 0.28  | 0.28       | 0.27 | 0.24 |
| Stucco      | 31                        | 39 | 30 | 0.36                   | 0.35  | 0.33  | 0.31       | 0.30 | 0.26 |
| Beige       | 28                        | 31 | 41 | 0.34                   | 0.33  | 0.31  | 0.29       | 0.28 | 0.25 |
| Dark Bronze | 24                        | 5  | 71 | 0.33                   | 0.33  | 0.31  | 0.28       | 0.27 | 0.24 |

Solar Heat Control Properties of Phifer SunTex 80  
Fabrics Installed Externally, Seventy-Five-Degree Profile Angle

| Color       | *Solar Optical Properties |    |    | Shading Coefficient w/ |       |       |            |      |      |
|-------------|---------------------------|----|----|------------------------|-------|-------|------------|------|------|
|             |                           |    |    | Single                 |       |       | Insulating |      |      |
|             | TS                        | RS | AS | 1/8CL                  | 1/4CL | 1/4HA | 1/2CL      | 1CL  | 1HA  |
| Brown       | 6                         | 16 | 78 | 0.13                   | 0.13  | 0.13  | 0.09       | 0.09 | 0.09 |
| Black       | 7                         | 15 | 78 | 0.14                   | 0.14  | 0.14  | 0.09       | 0.09 | 0.09 |
| Grey        | 11                        | 51 | 38 | 0.12                   | 0.12  | 0.12  | 0.07       | 0.07 | 0.07 |
| Stucco      | 21                        | 53 | 26 | 0.17                   | 0.17  | 0.17  | 0.10       | 0.11 | 0.11 |
| Beige       | 19                        | 46 | 36 | 0.17                   | 0.17  | 0.17  | 0.11       | 0.11 | 0.11 |
| Dark Bronze | 7                         | 9  | 84 | 0.14                   | 0.14  | 0.14  | 0.10       | 0.10 | 0.10 |

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

| Color       | *Solar Optical Properties |    |    | Shading Coefficient w/ |       |       |            |      |      |
|-------------|---------------------------|----|----|------------------------|-------|-------|------------|------|------|
|             |                           |    |    | Single                 |       |       | Insulating |      |      |
|             | TS                        | RS | AS | 1/8CL                  | 1/4CL | 1/4HA | 1/2CL      | 1CL  | 1HA  |
| Brown       | 11                        | 5  | 84 | 0.21                   | 0.21  | 0.20  | 0.17       | 0.16 | 0.15 |
| Black       | 11                        | 4  | 85 | 0.21                   | 0.21  | 0.20  | 0.17       | 0.17 | 0.15 |
| Grey        | 11                        | 26 | 63 | 0.19                   | 0.18  | 0.15  | 0.15       | 0.15 | 0.13 |
| Stucco      | 17                        | 46 | 37 | 0.22                   | 0.22  | 0.20  | 0.19       | 0.18 | 0.16 |
| Beige       | 13                        | 36 | 51 | 0.19                   | 0.19  | 0.18  | 0.16       | 0.16 | 0.14 |
| Dark Bronze | 11                        | 5  | 84 | 0.21                   | 0.21  | 0.20  | 0.17       | 0.16 | 0.15 |

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

| Color       | *Solar Optical Properties |    |    | Shading Coefficient w/ |       |       |            |      |      |
|-------------|---------------------------|----|----|------------------------|-------|-------|------------|------|------|
|             |                           |    |    | Single                 |       |       | Insulating |      |      |
|             | TS                        | RS | AS | 1/8CL                  | 1/4CL | 1/4HA | 1/2CL      | 1CL  | 1HA  |
| Brown       | 2                         | 14 | 84 | 0.11                   | 0.11  | 0.11  | 0.08       | 0.08 | 0.08 |
| Black       | 2                         | 13 | 85 | 0.11                   | 0.11  | 0.11  | 0.08       | 0.08 | 0.08 |
| Grey        | 4                         | 34 | 62 | 0.10                   | 0.10  | 0.10  | 0.07       | 0.07 | 0.07 |
| Stucco      | 12                        | 62 | 26 | 0.11                   | 0.11  | 0.11  | 0.07       | 0.07 | 0.07 |
| Beige       | 9                         | 51 | 40 | 0.11                   | 0.11  | 0.11  | 0.07       | 0.07 | 0.07 |
| Dark Bronze | 2                         | 10 | 88 | 0.11                   | 0.11  | 0.11  | 0.08       | 0.08 | 0.08 |