

# SunTex® 90 Design

BY PHIFER

| SOLAR OPTICAL PROPERTIES |    |    |    |    | SHGC/G VALUE<br>g-tot (glass & blind) |        |        |            |      |      |
|--------------------------|----|----|----|----|---------------------------------------|--------|--------|------------|------|------|
| Color                    | TS | RS | AS | TV | SINGLE                                |        |        | INSULATING |      |      |
|                          |    |    |    |    | 1/8 CL                                | 1/4 CL | 1/4 HA | 1/2 CL     | 1 CL | 1 HA |

## SUNTEX® 90 Design 30 Degree Profile Angle • Fabrics Installed Externally

|         |    |    |    |    |      |      |      |      |      |      |
|---------|----|----|----|----|------|------|------|------|------|------|
| Coconut | 18 | 44 | 38 | 23 | 0.20 | 0.20 | 0.18 | 0.17 | 0.16 | 0.15 |
| Coral   | 16 | 37 | 47 | 22 | 0.19 | 0.19 | 0.17 | 0.16 | 0.16 | 0.14 |
| Rattan  | 14 | 22 | 64 | 21 | 0.19 | 0.19 | 0.17 | 0.16 | 0.16 | 0.14 |
| Toast   | 13 | 19 | 68 | 21 | 0.18 | 0.18 | 0.17 | 0.16 | 0.15 | 0.13 |
| Toffee  | 12 | 11 | 77 | 20 | 0.18 | 0.18 | 0.17 | 0.15 | 0.15 | 0.13 |
| Walnut  | 13 | 11 | 76 | 20 | 0.19 | 0.19 | 0.18 | 0.16 | 0.16 | 0.14 |
| Wheat   | 14 | 27 | 59 | 21 | 0.18 | 0.18 | 0.17 | 0.16 | 0.15 | 0.13 |

## SUNTEX® 90 Design 75 Degree Profile Angle • Fabrics Installed Externally

|         |   |    |    |    |      |      |      |      |      |      |
|---------|---|----|----|----|------|------|------|------|------|------|
| Coconut | 8 | 60 | 32 | 23 | 0.08 | 0.08 | 0.08 | 0.05 | 0.05 | 0.05 |
| Coral   | 5 | 48 | 47 | 22 | 0.08 | 0.08 | 0.08 | 0.05 | 0.05 | 0.05 |
| Rattan  | 3 | 31 | 66 | 21 | 0.09 | 0.09 | 0.09 | 0.06 | 0.06 | 0.06 |
| Toast   | 2 | 26 | 72 | 21 | 0.09 | 0.09 | 0.09 | 0.06 | 0.06 | 0.06 |
| Toffee  | 2 | 18 | 80 | 20 | 0.10 | 0.10 | 0.10 | 0.06 | 0.06 | 0.06 |
| Walnut  | 2 | 19 | 79 | 20 | 0.09 | 0.09 | 0.09 | 0.06 | 0.06 | 0.06 |
| Wheat   | 4 | 40 | 56 | 21 | 0.08 | 0.08 | 0.08 | 0.05 | 0.05 | 0.05 |



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



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

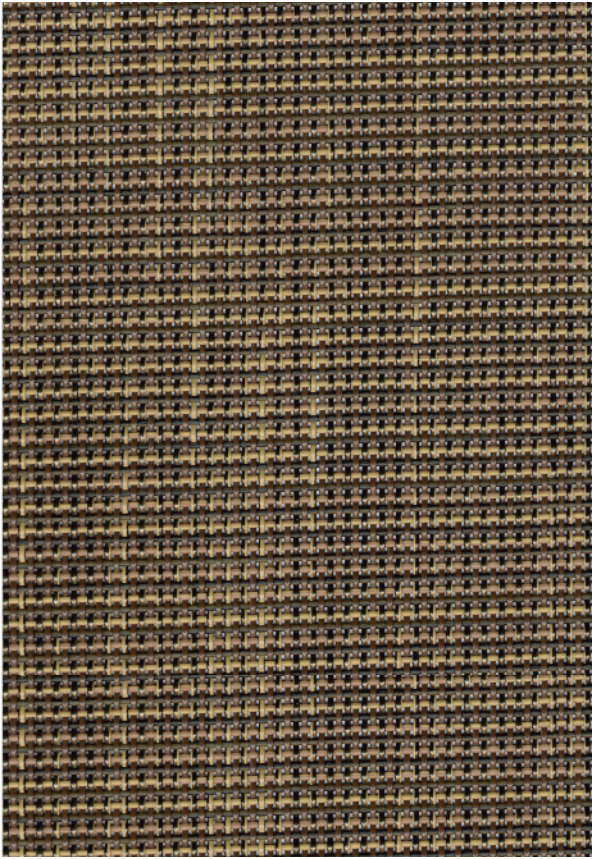
SHGC = Solar Heat Gain Coefficient

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

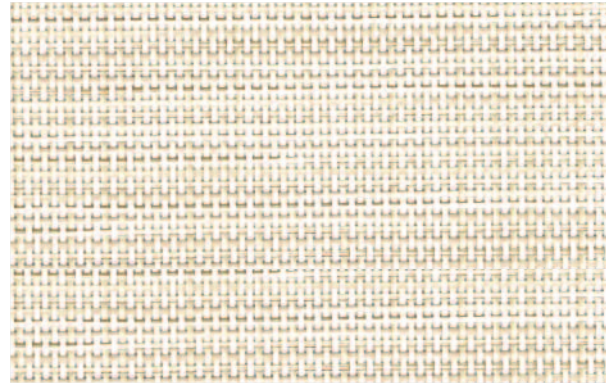
The solar optical properties are used to calculate the solar heat gain coefficient (SHGC). The SHGC represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Dark colors provide maximum glare reduction and visibility.

For additional performance values, test references and technical definitions visit us at [www.phifer.com](http://www.phifer.com).

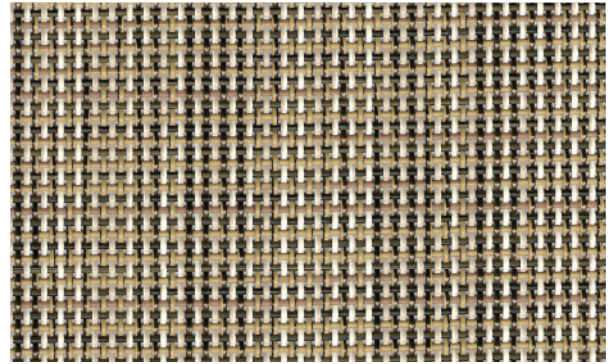
**Toffee**



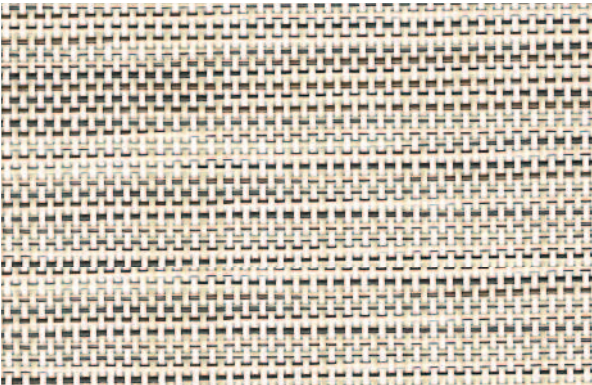
**Coconut**



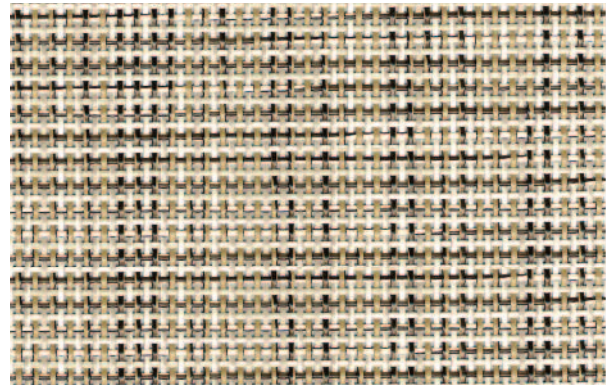
**Toast**



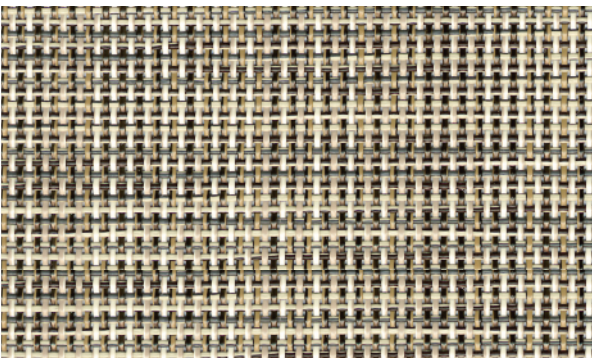
**Coral**



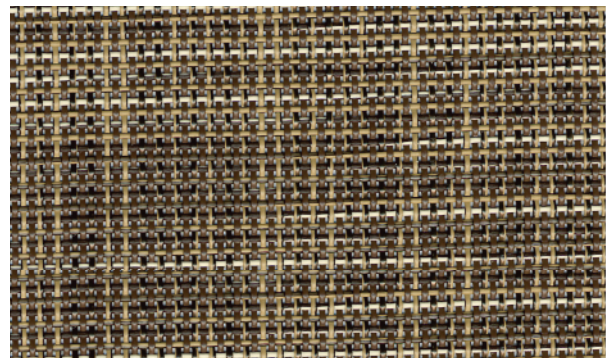
**Wheat**



**Rattan**



**Walnut**



# SUNTEX 90 DESIGN SPECIFICATIONS

SunTex 90 Design combines a rich, design-oriented look with the same weave and performance characteristics of traditional SunTex 90 fabric. Providing both sun protection and daytime privacy, SunTex 90 Design offers stylish options to meet exterior sun control needs at a practical price point. This heavy-duty shading fabric is excellent for exterior roller shades.

|                                       |                                                                                                                                                             |                                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>FIRE CLASSIFICATION</b>            | California Technical Bulletin 117-2013 Section 1<br>IBC Section 803.1.1 (Class A Rating)                                                                    | CAN/ULC-S 109-03 (large scale)<br>NFPA 101 (Class A Rating) |
| <b>BACTERIA AND FUNGAL RESISTANCE</b> | ASTM E 2180<br>Includes Microban antimicrobial additives                                                                                                    | ASTM G21                                                    |
| <b>ENVIRONMENTAL CERTIFICATION</b>    | GREENGUARD<br>Certified to these standards for low chemical emissions into indoor air during product usage                                                  | GREENGUARD Gold                                             |
| <b>LEAD FREE</b>                      | RoHS/Directive 2002/95/EC<br>ANSI/WCMA A 100.1-2007 for lead content<br>US Consumer Product Safety Commission Section 101<br>REACH (EC 1907/2006) compliant |                                                             |
| <b>WARRANTY</b>                       | 10-year exterior                                                                                                                                            |                                                             |
| <b>UV PROTECTION</b>                  | Seal of Approval by the Melanoma International Foundation (MIF) for effectiveness in preventing sun damage to the skin or eyes                              |                                                             |

## SUNTEX 90 DESIGN

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| <b>WIDTHS</b>                  | 96"<br>243.8 cm                                    |
| <b>ROLL LENGTH</b>             | 100 Linear Feet<br>30.48 m                         |
| <b>COMPOSITION</b>             | 31% Polyester, 69% Vinyl on Polyester              |
| <b>MESH WEIGHT</b>             | 17.2 oz/yd <sup>2</sup><br>583.18 g/m <sup>2</sup> |
| <b>FABRIC THICKNESS</b>        | 0.039 in<br>0.991 mm                               |
| <b>OPENNESS FACTOR</b>         | Approximately 10%                                  |
| <b>UV BLOCKAGE</b>             | Approximately 90%                                  |
| <b>BREAKING STRENGTH (LBS)</b> | 480 Warp, 340 Fill                                 |
| <b>STIFFNESS (MG)</b>          | 400 Warp, 310 Fill                                 |



P. O. Box 1700 • Tuscaloosa, Alabama 35403 -1700 USA  
Phone: 205.345.2120 • FAX: 205.391.0799  
Toll Free USA/Canada: 1.800.221.5497  
phifer.com • ISO Registered



© SunTex is a registered trademark of PHIFER INCORPORATED.  
© MICROBAN is a registered trademark of Microban Products Company.  
™ UL, the UL logos and the UL mark are trademarks of UL LLC.  
© PHIFER INCORPORATED V18B 3028218