





## **SheerWeave® Interior Sun Control Fabrics**

function ...

Natural light can be a beautiful design element with a little sun management. Elegantly managing the sun's heat and glare can be accomplished with Phifer's SheerWeave interior sun control fabrics. SheerWeave's light-filtering gualities diffuse light, reduce glare and help control solar heat gain to make any room a more comfortable environment. As SheerWeave filters and diffuses light, it also helps reduce the fading of textiles and interior furnishings. SheerWeave fabrics provide energy-efficient solutions by reducing the amount of solar heat gain. While lighter color fabrics reflect light and illuminate the interior with just the right amount of light, darker fabrics provide a superb view to the outside and absorb light making them ideal for viewing computer and television screens.

The openness of a fabric refers to the weave or mesh structure and determines the amount of heat and light that enters a room. A more open fabric allows more heat and light to penetrate through, while tighter meshes block more heat and light. SheerWeave fabrics are offered in a variety of openness factors to allow optimal light in commercial buildings or provide more privacy for such applications as hospitals and doctors offices.

aesthetics...

With a whisper of light and color, SheerWeave fabrics are the perfect complement to any interior decor. The simple yet beautiful weaves of SheerWeave fabrics add a rich, subtle texture without taking away from the overall interior design scheme. Simple, clean and classic, the aesthetic quality of SheerWeave allows it to be used in combination with other draperies and window coverings. Are large windows in your architectural design? SheerWeave is available in wide widths to cover large window openings.

Phifer's exciting palette of styles, patterns, colors and weaves can provide you with the tools you need to create the perfect look for your next window covering project. If one of the Phifer stock lines does not work with your interior design, use our Special Weave Program to create one that will. From restaurants and offices to hotels and homes, Phifer SheerWeave has been used in residential and commercial spaces worldwide. SheerWeave fabrics provide the perfect balance of light, comfort and beauty making them the ideal window covering solution.

quality...

Phifer's quality standards are among the highest in the world. SheerWeave fabrics are manufactured in a state-ofthe-art facility in Tuscaloosa, Alabama USA under strict guidelines through ISO certified production processes. From yarn coating to packaging, every step of the production process is checked to ensure only the finest quality fabrics are given the Phifer name.

SheerWeave fabrics are as durable as they are beautiful to handle high-traffic applications with ease. Independent laboratory testing found SheerWeave fabrics to meet or exceed flame retardancy and bacteria/fungal resistancy requirements. These fabrics are easy to maintain, as they require only occasional cleaning using a mild detergent, brushing and rinsing.





AVERAGE OPENNESS 3%/5%

SheerWeave Infinity is an eco-friendly full basketweave. Emulating the look and engineering of standard SheerWeave fabrics, Infinity core yarn and coating is PVC-free and 100% recyclable.

Standard Widths: 63", 84" and 98"

(160.0 cm, 213.4 cm and 248.9 cm) Fire Classification: NFPA 701-2004 TM#1 (small scale) Bacteria and Fungal Resistance: ASTM E 2180 Environmental Certification: GREENGUARD Certified and **GREENGUARD** for Children and Schools Certified Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in SheerWeave Infinity (3% and 5%)





VG4 Slate

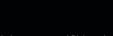


Photo below courtesy of Rielamericano. Buenos Aires, Argentina.



## **SheerWeave®** Style 1000

### AVERAGE OPENNESS 25%

This ribbed weave vinyl-coated fiberglass fabric offers substantial shading while allowing excellent outward visibility and improved daytime.

Standard Widths: 36", 48", 60", 72", and 84" (91.4 cm, 121.9 cm, 152.4 cm, 182.9 cm and 213.4 cm) Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867 and NFPA 701 TM#2 Large Scale

Bacteria and Fungal Resistance: ASTM E 2180 Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in Style 1000



P02 White

P03 Antique White

Photo courtesy of UNIFLEX Window Fashions. SheerWeave Style 1000. Fabricator: UNIFLEX. Installer: B2. Photographer: Tuca Reines. Sao Paulo, Brazil.

reduces glare



## STYLE 2000/2100

## AVERAGE OPENNESS 5% / 10%

Made of vinyl-coated fiberglass yarns, Styles 2000 and 2100 are full basketweaves designed expressly for those applications which require a more opaque and non-directional fabric. Styles 2000 and 2100 are ideal fabrics for use in roll-up shades, Roman shades and vertical blinds. Styles 2000 and 2100 in Q10 Bronze, V21 Charcoal and V24 Charcoal/Chestnut can also be used in exterior roller shades. **Standard Widths:** 3.5", 72" and 96" (8.89 cm, 182.9 cm and 243.8 cm); 126" (320 cm) available in Style 2000 in P02, P04, P05, Q05, Q06 and Q10

For 3.5<sup>"</sup> width - Rolls are 25 linear yards (22.86 M) in length, individually wrapped and packed five rolls per carton.

**Fire Classification:** California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867 and NFPA 701 TM#2 Large Scale

Bacteria and Fungal Resistance: ASTM E 2180 Environmental Certification: GREENGUARD Certified and GREENGUARD for Children and Schools Certified Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

## Standard colors available in Styles 2000 (5%) and 2100 (10%)

P02 White	P04 White/Bone	Q05 Bone	V04 Platinum
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P05 White/Platinum	Q06 Bone/Platinum	Q10 Bronze	V21 Charcoal
V22	V24		
Charcoal/Gray	Charcoal/Chestnut		

Standard Roll Length for All Styles: 30 Linear Yards (27.4 M)

## Style 2390/2360/2410/2500

AVERAGE OPENNESS 5% / 10% / 3% / 1%

Manufactured with ease of fabrication in mind, Styles 2390, 2360, 2410 and 2500 are also full basketweaves designed expressly for those applications which require a more opaque and nondirectional fabric. Made of vinyl-coated fiberglass yarns, Styles 2390, 2360, 2410 and 2500 are ideal fabrics for use in roll-up shades, Roman shades and vertical blinds. **Standard Widths:** 3.5<sup>°</sup>, 63<sup>°</sup> and 98<sup>°</sup> (8.89 cm, 160.0 cm and 248.9 cm); 126<sup>°</sup> (320 cm) available in Styles 2390 and 2410 in P12, P13, P14, Q20, V22 and V24

For  $3.5^{"}$  width - Rolls are 25 linear yards (22.86 M) in length, individually wrapped and packed five rolls per carton.

**Fire Classification:** M1 (Style 2390), California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867 and NFPA 701 TM#2 Large Scale

Bacteria and Fungal Resistance: ASTM E 2180 Environmental Certification: GREENGUARD Certified and GREENGUARD for Children and Schools Certified Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

### Standard colors available in Styles 2390 (5%), 2360 (10%), 2410 (3%) and 2500 (1%)



Beige/ Pearl Gray



**Oyster/Pearl Gray** 



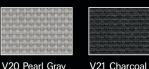
Q20 Beige

P12 Oyster

021

Oyster/Beige

P13



V22 Charcoal/Gray

# SheerWeave® Greenguarde Greenguarde STYLE



## 2701/2703/2705/2710

AVERAGE OPENNESS 1%/3%/5%/10%

Styles 2701, 2703, 2705 and 2710 are woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility.

Standard Widths: 63<sup>"</sup> and 98<sup>"</sup> (160.0 cm and 248.9 cm) Fire Classification: M1 (Styles 2701, 2703 and 2705), California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867 and NFPA 701 TM#2 Large Scale Bacteria and Fungal Resistance: ASTM E 2180 Environmental Certification: GREENGUARD Certified and GREENGUARD for Children and Schools Certified Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in Styles 2701 (1%), 2703 (3%), 2705 (5%) and 2710 (10%)

P92

Oyster/Chestnut





P12 Oyster

P13 Ovster/F

/Beiae

P91 al Oyster/

Photo below courtesy of Draper, Inc.

Oyster/Beige

P28 Oyster/Charcoal

P91 Oyster/Pewter

SheerWeave Style 2000, White. Carol Grotnes Belk Library, Appalachian State University, Boone, NC. Motorized FlexShades controlled by IntelliFlex System, SGC4. Architects: Pease Associates, Inc. (Charlotte, NC), Shepley Bulfinch Richardson and Abbott (Boston, MA)

and McCraken & Lopez P.A. (Charlotte, NC).

- Installer: Bonitz Contracting Company, Inc. (Concord, NC)
- Photographer: Martin Fox Photography (Fairview, NC)

filters and diffuses light



V24 Charcoal/Chestnut

## Style 3000

### AVERAGE OPENNESS 14%

A combination of vinyl-coated fiberglass and polyester yarns, Style 3000 is an elegant and exquisite shading fabric. Available in 13 colors, Style 3000 is ideal for roller shades, Roman shades and other types of interior sun control applications.

**Standard Widths:** 72<sup>"</sup> and 96<sup>"</sup> (182.9 cm and 243.8 cm) **Fire Classification:** NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1) and NFPA 701 TM#2 Large Scale

#### Bacteria and Fungal Resistance: ASTM E 2180

**Lead Free:** RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in Style 3000



Photo below courtesy of Solarfective Products, Limited. SheerWeave Style 4400, Pewter. BMW-Toronto, Canada.



## **SheerWeave®** STYLE 4000/4100/4400

## AVERAGE OPENNESS 5%/10%/3%

Made from vinyl-coated polyester yarns, Styles 4000, 4100 and 4400 are designed with today's demanding commercial market in mind and are available in 9 standard colors. Style 4000/4100/4400 can also be used in exterior roller shades. **Standard Widths:** 3.5<sup>°</sup>, 63<sup>°</sup>, 84<sup>°</sup> and 98<sup>°</sup> (8.89 cm,

160.0 cm, 213.4 cm and 248.9 cm; 126" (320 cm) available in Styles 4000 and 4400 in P06, P07, P10, Q12, Q15, Q16 and V10

For 3.5<sup>"</sup> width - Rolls are 25 linear yards (22.86 M) in length, individually wrapped and packed five rolls per carton.

**Fire Classification:** California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867, NFPA 701 TM#2 Large Scale and CAN/ULC S109-M-87

**Bacteria and Fungal Resistance:** ASTM E 2180 **Lead Free:** RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in Styles 4000 (5%), 4100 (10%) and 4400 (3%)

V07 Pewter



P10 Granite

V15 Ash

V10 Ebony

Q16 Tobacco

Photo below courtesy of Castec, Inc. SheerWeave Style 4000, Ebony.

helps control solar heat gain



## **SheerWeave®** STYLE 4500/4600

AVERAGE OPENNESS 5%/3%

Using advances in polyester yarn development, Styles 4500 and 4600 are thinner and lighter weight allowing for ease of fabrication. Both styles are full basketweaves, making them ideal for applications that require a more opaque and non-directional fabric. Style 4500/4600 can also be used in exterior roller shades.

Standard Widths: 63" and 98" (160.0 cm and 248.9 cm) Fire Classification: California U.S. Title 19 (small scale), ASTM E 84 (Class 1), British Standard 5867 Type B, and NFPA 701 TM#1 Small Scale

Bacteria and Fungal Resistance: ASTM E 2180 Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in Styles 4500 (5%) and 4600 (3%)

## P06 Chalk P10 Granite Q59 Ecru Q60

V10 Ebony

V44 Sandstone V46 Sable



**SheerWeave®** STYLE 4550/4650

AVERAGE OPENNESS 5%/3%

Using thin polyester yarns and a unique twill weave, Style 4550 and 4650 are easy to fabricate and offer a distinct two-sided appearance that maximizes both visibility and solar heat reduction. Style 4550/4650 can also be used in exterior roller shades.

Standard Widths: 63" and 98" (160.0 cm and 248.9 cm) Fire Classification: California U.S. Title 19 (small scale), ASTM E 84 (Class 1), British Standard 5867 Type B, and NFPA 701 TM#1 Small Scale

Bacteria and Fungal Resistance: ASTM E 2180 Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in Styles 4550 (5%) and 4650 (3%)



Photo below courtesy of UNIFLEX Window Fashions. Sao Paulo, Brazil. Fabricator: UNIFLEX. Installer: B2. SheerWeave Style 4100.

helps protect interior furnishings



## Style 4800

AVERAGE OPENNESS 1%

Made of vinyl-coated polyester yarns, Style 4800 is designed with privacy in mind and offers maximum UV blockage. **Standard Widths:** 63" and 96" (160.0 cm and 243.8 cm) **Fire Classification:** California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867, NFPA 701 TM#2 Large Scale and CAN/ULC S109-M-87

**Bacteria and Fungal Resistance:** ASTM E 2180 **Lead Free:** RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content Standard colors available in Style 4800

Chalk Mocha	P07 Alabaster	P75 Pearl V10 Ebony	Q97 Sand V16 Grey
Mocha	Q99 Taupe	V10 Ebony	V16 Grey
Fleece	V60 Clay	V61 Mink	V62 Flint

## architectural manual ...

A three-ring binder, with information on Phifer's complete line of both interior and exterior sun control products, is available to qualified specifiers, architects and interior design firms. Contact our Sun Control Marketing Department at 1/800-221-5497 to request your copy today.



## provides excellent outward visibility



## SheerWeave® Style 5000

## OPENNESS FACTORS VARY FROM 5-10%

Phifer's SheerWeave Style 5000 Jacquard line was inspired by nature and created to take the function of sun control fabrics to a whole new level. The collection of 16 different fabrics is woven with diverse textures and rich colors and maintains the qualities that SheerWeave fabrics are known for – unmatched durability, minimal maintenance and excellent outward visibility.

Standard Widths: 74<sup>"</sup> and 98" (187.96 cm and 248.9 cm) Fire Classification: see swatch card for individual pattern results Bacteria and Fungal Resistance: ASTM E 2180 Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

### Standard patterns available in Style 5000



Printed samples above do not depict full depth and texture of jacquard patterns. Fabric samples available upon request.

## offers an array of unique textures





Photo above courtesy of Shades de México, dba Tecnoline. Guadalajara, México.

SheerWeave Style Style 5000. Rattan/Umber.



## (S) IREENGUARD® Children & Schools **SheerWeave® STYLE 7000 BLACKOUT FABRIC**

### AVERAGE OPENNESS 0%

Style 7000 is uniquely designed to provide total light blockage when complete room darkening is needed. With a broad range of decorator colors and the look and feel of cloth, Style 7000 will enhance the beauty and function of any room.

Standard Width: 94" (238.8 cm)

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale) and British Standard 5867

Bacteria and Fungal Resistance: ASTM G21-96, AATCC 174-1998 Part II and III

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

Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

### Standard colors available in Style 7000



Q58 Mushroom

V39 Graphite V40 Onyx





V41 Canyon

## **SheerWeave® STYLE 7100 BLACKOUT FABRIC**

## AVERAGE OPENNESS 0%

Style 7100 is a laminated blackout fabric with Style 2000 as the face fabric. Style 7100 is ideal to use when a totally opaque fabric is required.

Standard Width: 72" (182.9 cm)

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), NFPA 701 TM#2 Large Scale and British Standard 5867

Bacteria and Fungal Resistance: ASTM E 2180

Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

#### Standard colors available in Style 7100





White/Platinum



Q05 Bone

P02 White



V21 Charcoal

Photo below courtesy of Rielamericano. Buenos Aires, Argentina. SheerWeave with Tecnoroll System. Fabricator: Rielamericano. Architect: Arostegui, Camblong y Falconi Firm. Casa FOA - Gold Award Winner.



Bone/Platinum

0.06

SHEERWEAVE IS IDEAL FOR USE IN: ROLL-UP SHADES, ROMAN SHADES, FOLDING SHADES, PLEATED SHADES, VERTICAL BLINDS, PANEL TRACKS, SHEERS AND SCREENS

> Photo below courtesy of Shades de México, dba Tecnoline. Guadalajara, México. SheerWeave Style 2000, White/Bone.





Photo above courtesy of Shades de México, dba Tecnoline. Guadalajara, México. SheerWeave Style 2000, White/Bone.

Photo below courtesy of Draper, Inc. SheerWeave Style 2000, White. Carol Grotnes Belk Library, Appalachian State University, Boone, NC. Motorized FlexShades controlled by IntelliFlex System, SGC4. Architects: Pease Associates, Inc. (Charlotte, NC), Shepley Bulfinch Richardson and Abbott (Boston, MA) and McCraken & Lopez P.A. (Charlotte, NC). Installer: Bonitz Contracting Company, Inc. (Concord, NC). Photographer: Martin Fox Photography (Fairview, NC).



Photo below courtesy of Sun Glow Window Coverings Products of Canada Ltd. SheerWeave Style 2410, Oyster.



## CUSTOMER SERVICE 1/800-221-5497

HIFER INCORPORATED is committed to balancing environmental stewardship with our corporate goals throughout the world.

Phifer's commitment to the environment dates back to the company's origins when our founder, Reese Phifer, envisioned a manufacturing facility that would bring a better standard of living to its community, advances in technology to its industry and innovative products to its customers. Today, Phifer is the world's leader in the manufacture and sales of energy saving fabrics for both the residential and commercial markets. Phifer has no less than 20 branded products that offer a broad range of options to reduce solar heat gain, preserve interior surfaces and materials, improve the quality of home and work environments and protect natural resources by conserving energy. Phifer's growth can be attributed to our solutions-oriented approach as we partner with individuals, businesses, the architectural and design communities and governmental agencies to achieve their own goals of energy conservation and environmental preservation.

As a manufacturer, Phifer is committed to minimizing the impact on the environment from our manufacturing processes and finished products. Through specified environmental objectives, policies and procedures, we ensure compliance with all local, state and federal regulatory requirements and surpass these requirements in many areas of waste management, employee awareness training and pollution prevention programs based on the measurement of our environmental performance.

In 2002 the Alabama Department of Environmental Management nominated Phifer for the Governor's Conservation Achievement Award, and the Alabama Wildlife Federation selected Phifer as the Air Conservationist of the Year. Phifer was the first manufacturer in our industry to achieve GREENGUARD certification. This rigorous evaluation of our interior shading fabrics is completely voluntary and ensures that the highest industry standards are being applied to maintain indoor air quality for the health and safety of building occupants.

At Phifer, environmental responsibility is part of our corporate culture. We are leaders. We are proactive. We do it because it is the right thing to do.



**ISO** Registered

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Samples are available upon request

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