

The background of the page is split into two horizontal sections. The top section shows a close-up of a light-colored, textured fabric, likely the Sunshadow solar screen fabric, with a yellow wavy border above it. The bottom section shows a bright blue sky with scattered white clouds and sun rays filtering through.

SUNSHADOW[®]
SOLAR SCREEN FABRIC



SUNSHADOW SOLAR SCREEN FABRICS



Alkenz SUNSHADOW® Solar Screen fabrics offer a stylish and modern aesthetic for window treatments that minimize the negative effects of the sun while allowing outward visibility. SUNSHADOW fabrics are ideal for offices, hotels, schools, public institutions, houses and commercial spaces.

With an incredible range of fabric choices, SUNSHADOW not only offers unmatched design and comfort, but also has the most technically advanced and highest durability factor of any coated yarn in the industry. With the convenience and dependability of being exclusively available through RollEase®, it's easy to see why designers and fabricators specify SUNSHADOW with confidence.

SUNSHADOW Solar Screen Fabrics are energy efficient, control heat and glare, while still providing see-through visibility at desired levels. Plus, our fabrics are low odor, toxic free, and certified to the GREENGUARD®, Oeko-Tex® and ASTM® standards. With very low flaw rates, our fabrics significantly reduce waste and increase productivity.

Many sunscreen fabrics come with a short warranty period, leaving you responsible if something goes wrong. Only Alkenz by RollEase® SUNSHADOW® Solar Screen Fabrics are backed by a Lifetime Warranty. Available in a broad range of styles, patterns and openness factors, our fabrics are manufactured through a state-of-the-art process using high-quality PVC. By offering industry-leading quality, we confidently stand behind our fabrics through exceptional customer support and a warranty that lasts for the life of the product.

RollEase is the exclusive distributor of Alkenz Solar Screen fabrics in the United States and has a fully stocked distribution center in North Carolina. Contact us today to find out how we can help you stand behind your products for a lifetime.



**LIFETIME
WARRANTY**



SUNSHADOW[®]

SOLAR SCREEN FABRIC

Energy Saver



Energy Efficient

SUNSHADOW solar screen fabric blocks more than 80% of solar heat and 98% of harmful UV rays, lowering indoor temperatures. As a result, energy consumption can be reduced by 25-40% due to less use of air-conditioning units.

Other benefits include:

- Reduced CO₂ Emissions
- Reduced Radiation Heat
- Better Temperature Control
- Reduced Window Draft



Environment Friendly



Environmental Impact

With origins in chemical technology, Alkenz is acutely in tune with environmental responsibility. To that end, Alkenz created the world's first non-toxic PVC compound to coat polyester to form a yarn that is stronger, lighter and less expensive to produce than traditional vinyl coated fiberglass fabrics. SUNSHADOW has been officially declared safe when independently tested for volatile organic compounds by Oeko-Tex® Standards 100.

Other advantages include:

- Non-Endocrine Disrupting Chemicals
- Non-Volatile Organic Compounds
- RoHs / Lead Free
- Heavy Metal Free
- Chemical Adhesive Free

Anti Bacteria



ASTM G21
ASTM G22

Anti-Bacterial

SUNSHADOW fabrics are certified SGS-ASTM G21, 22. Having this kind of certification means that there is a reduction in the spread of germs in hospitals and other public institutions. With less bacteria spreading, there is better quality and efficiency in room hygiene. Other benefits include no environmental pollution from chlor-organic compounds.

Indoor Air Quality



Indoor Air Quality

SUNSHADOW fabrics have been awarded GREENGUARD and GREENGUARD Children & School certification. GREENGUARD is an indoor air quality certification program for low emitting products and materials. It is a requirement reference in the Leadership for Energy and Environmental Design (LEED™) for commercial interiors rating system. They evaluate over 75,000 chemicals, including: volatile organic compounds, carcinogens and reproductive toxins. Tests are done quarterly to ensure compliance with their standards. GREENGUARD Children & School certification establishes strict chemical emissions standards to accommodate the special needs of children in daycare and educational facilities.

Flammability



M1
B1, B2
CA Title 19
NFPA 701

Fire & Smoke Classification

SUNSHADOW is made from stable, durable, and fire resistant materials. SUNSHADOW fabrics are manufactured under strict quality standards and controls. The excellent safety factors have been test certified in accordance with all national and international standards. In the event of fire, very little smoke is emitted, with no afterglow, and no pollutants.

SUNSHADOW[®]

SOLAR SCREEN FABRIC

3000 RR

The 3000 RR series offers a soft, lightweight 2x1 basketweave in a variety of colors that are very fabricator and designer friendly.



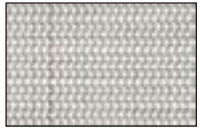
RR10, White/White



RR11, White/Sable



RR12, White/Beige



RR13, White/Light Gray



RR14, White/Yellow



RR15, White Pearl/Mandarin



RR20, Beige/Beige



RR23, Beige/Light Gray



RR28, Beige/Bronze



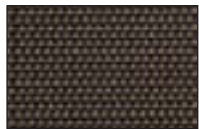
RR80, Bronze/Bronze



RR82, Bronze/Sable



RR84, Bronze/Dim Gray



RR89, Bronze/Charcoal



RR90, Charcoal/Charcoal



RR94, Charcoal/Dim Gray



RR95, Charcoal/Orange



RR97, Charcoal/Forest Green

SPECIFICATIONS

Series

Composition
Openness factor
Weight
Thickness
Fabric count
Tensile strength
Tearing strength
Colorfastness
Standard width
Standard length

3000 RR 3%

25% Polyester, 75% PVC
Average 3%
12.53 oz/yd² (425 g/m²) ± 5%
0.022" (0.57mm) ± 5%
46 ends X 48 picks/sq. inch
Warp 152 / Weft 180 daN/5cm
Warp 4.7 / Weft 5.0 daN
Grade 8
98.4"(2.5m)
33 yd/roll (30m)



3000 NET

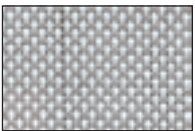
The 3000 NET series is the most widely used fabric in the collection. This 2 x 2 lightweight basketweave offers versatility and ease of fabrication.



N001, White/White



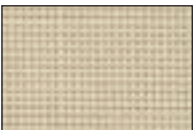
N002, White/Beige



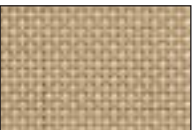
N003, White/Gray



N091, Cream/Cream



N201, Beige/Beige



N202, Beige/Sable



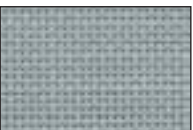
N203, Beige/Gray



N301, Gray/Gray



N302, Dark Gray/Gray



N303, Gray/Blue Gray



N304, Gray/Blue



N801, Bronze/Bronze



N901, Charcoal/Charcoal



N902, Charcoal/Bronze



N903, Charcoal/Gray

SPECIFICATIONS

Series

| | |
|------------------|---|
| Composition | 25% Polyester, 75% PVC |
| Openness factor | Average 1% |
| Weight | 15.28 oz/yd ² (518 g/m ²) ± 5% |
| Thickness | 0.026" (0.68mm) ± 5% |
| Fabric count | 68 ends x 50 picks/sq. inch |
| Tensile strength | Warp 218 / Weft 151 daN/5cm |
| Tearing strength | Warp 5.7 / Weft 7.2 daN |
| Colorfastness | Grade 8 |
| Standard width | 98.4" (2.5m) |
| Standard length | 33 yd/roll (30m) |

Series

| | |
|------------------|---|
| Composition | 25% Polyester, 75% PVC |
| Openness factor | Average 3% |
| Weight | 13.12 oz/yd ² (445 g/m ²) ± 5% |
| Thickness | 0.022" (0.57mm) ± 5% |
| Fabric count | 54 ends x 46 picks/sq. inch |
| Tensile strength | Warp 197/ Weft 167 daN/5cm |
| Tearing strength | Warp 7.4 / Weft 7.0 daN |
| Colorfastness | Grade 8 |
| Standard width | 98.4" (2.5m) |
| Standard length | 33 yd/roll (30m) |

Series

| | |
|------------------|---|
| Composition | 25% Polyester, 75% PVC |
| Openness factor | Average 5% |
| Weight | 12.39 oz/yd ² (420 g/sqm) ± 5% |
| Thickness | 0.022" (0.55mm) ± 5% |
| Fabric count | 47 ends x 47 picks/sq. inch |
| Tensile strength | Warp 170/Weft 170 daN/5cm |
| Tearing strength | Warp 6.6 / Weft 7.0 daN |
| Colorfastness | Grade 8 |
| Standard width | 98.4" (2.5m) |
| Standard length | 33 yd/roll (30m) |

Series

| | |
|------------------|---|
| Composition | 25% Polyester, 75% PVC |
| Openness factor | Average 10% |
| Weight | 11.36 oz/yd ² (385 g/m ²) ± 5% |
| Thickness | 0.020" (0.52mm) ± 5% |
| Fabric count | 48 ends x 38 picks/sq. inch |
| Tensile strength | Warp 167 / Weft 154 daN/5cm |
| Tearing strength | Warp 6.8 / Weft 6.2 daN |
| Colorfastness | Grade 8 |
| Standard width | 98.4" (2.5m) |
| Standard length | 33 yd/roll (30m) |

SUNSHADOW®

SOLAR SCREEN FABRIC

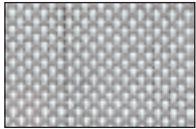
4000 NET



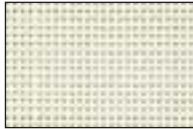
N001, White/White



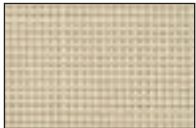
N002, White/Beige



N003, White/Gray



N091, Cream/Cream



N201, Beige/Beige



N202, Beige/Sable



N203, Beige/Gray



N301, Gray/Gray



N302, Gray/Dark Gray



N303, Gray/Blue Gray



N801, Bronze/Bronze



N901, Charcoal/Charcoal



N902, Charcoal/Bronze



N903, Charcoal/Gray

The 4000 NET series is a heavier weight 2x2 basketweave perfect for commercial applications. This style is also often used in exterior applications.

SPECIFICATIONS

Series

Composition
Openness factor
Weight
Thickness
Fabric count
Tensile strength
Tearing strength
Colorfastness
Standard width
Standard length

4000 Net 3%

27% Polyester, 73% PVC
Average 3%
16.07 oz/yd² (545 g/m²) ± 5%
0.029" (0.75mm) ± 5%
42 ends X 36 picks/sq. inch
Warp 270 / Weft 215 daN/5cm
Warp 12.5 / Weft 12.0 daN
Grade 8
98.4" (2.5m)
33yd/roll (30m)

Series

Composition
Openness factor
Weight
Thickness
Fabric count
Tensile strength
Tearing strength
Colorfastness
Standard width
Standard length

4000 Net 5%

27% Polyester, 73% PVC
Average 5%
15.33 oz/yd² (520 g/m²) ± 5%
0.027" (0.70mm) ± 5%
36 ends X 36 picks/sq. inch
Warp 215/Weft 225 daN/5cm
Warp 12.4/Weft 13.8 daN
Grade 8
98.4" (2.5m)
33yd/roll (30m)

Series

Composition
Openness factor
Weight
Thickness
Fabric count
Tensile strength
Tearing strength
Colorfastness
Standard width
Standard length

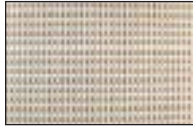
4000 Net 10%

27% Polyester, 73% PVC
Average 10%
13.86 oz/yd² (470 g/m²) ± 5%
0.025" (0.66mm) ± 5%
36 ends X 29 picks/sq. inch
Warp 255/Weft 110 daN/5cm
Warp 27.1 / Weft 24.1 daN
Grade 8
98.4" (2.5m)
33yd/roll (30m)

3000 CA



CA01, White/Floral White



CA02, White/Moccasin



CA03, White/Light Gray



CA04, White/Dim Gray



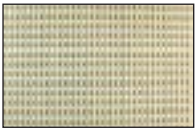
CA08, Charcoal/Bronze



CA09, Charcoal/Charcoal



CA10, Charcoal/Dim Gray



CA12, White/Brown



CA30, Gray/Light Gray

The 3000 CA series fabrics are the lightest weight solar screen fabrics available. A special weaving technique creates a soft, almost cotton hand.

SPECIFICATIONS

| | |
|------------------|---|
| Series | 3000 CA 3% |
| Composition | 35% Polyester, 65% PVC |
| Openness factor | Average 3% |
| Weight | 9.44 oz/yd ² (320 g/m ²) ±5% |
| Thickness | 0.018" (0.45mm) ±5% |
| Fabric count | 47 ends X 30 picks/sq. inch |
| Tensile strength | Warp 150 / Weft 120 daN/5cm |
| Tearing strength | Warp 4.5 / Weft 6.9 daN |
| Colorfastness | Grade 8 |
| Standard width | 98.4" (2.5m) |
| Standard length | 33yd/roll (30m) |



SUNSHADOW[®]

SOLAR SCREEN FABRIC

3000 HT



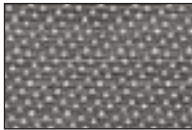
HT01, White/White



HT02, White/Beige



HT03, White/Light Gray



HT04, White/Dim Gray



HT08, White/Bronze



HT09, White/Charcoal

The 3000 HT series is a collection of broken twill weave fabrics. These fabrics have a lighter color back which optimizes solar reflectance and also allows for external uniformity.

SPECIFICATIONS

Series

| | |
|------------------|---|
| Composition | 3000 HT 3% 25% Polyester, 75% PVC |
| Openness factor | Average 3% |
| Weight | 12.24 oz/yd ² (415 g/m ²) ± 5% |
| Thickness | 0.024" (0.60mm) ± 5% |
| Fabric count | 46 ends x 52 picks/sq. inch |
| Tensile strength | Warp 160 / Weft 169 daN/5cm |
| Tearing strength | Warp 12.7 / Weft 19.2 daN |
| Colorfastness | Grade 8 |
| Standard width | 98.4" (2.5m) |
| Standard length | 33yd/roll (30m) |

Series

| | |
|------------------|---|
| Composition | 3000 HT 5% 25% Polyester, 75% PVC |
| Openness factor | Average 5% |
| Weight | 11.65 oz/yd ² (395 g/m ²) ± 5% |
| Thickness | 0.026" (0.50mm) ± 5% |
| Fabric count | 46 ends x 45 picks/sq. inch |
| Tensile strength | Warp 154 / Weft 153 daN/5cm |
| Tearing strength | Warp 10.4 / Weft 11.1 daN |
| Colorfastness | Grade 8 |
| Standard width | 98.4" (2.5m) |
| Standard length | 33yd/roll (30m) |



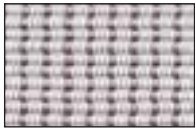
VIEW R, 3000 SS



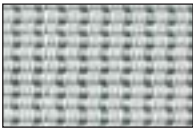
R100, White/White



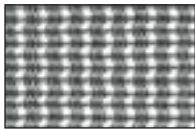
R102, White/Sable



R103, White/Gray



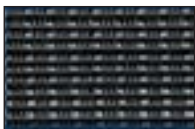
R105, White/Blue Gray



R401, Dim Gray/Dim Gray



R402, Dim Gray/Light Gray



R900, Charcoal/Charcoal



SS01, White/Beige

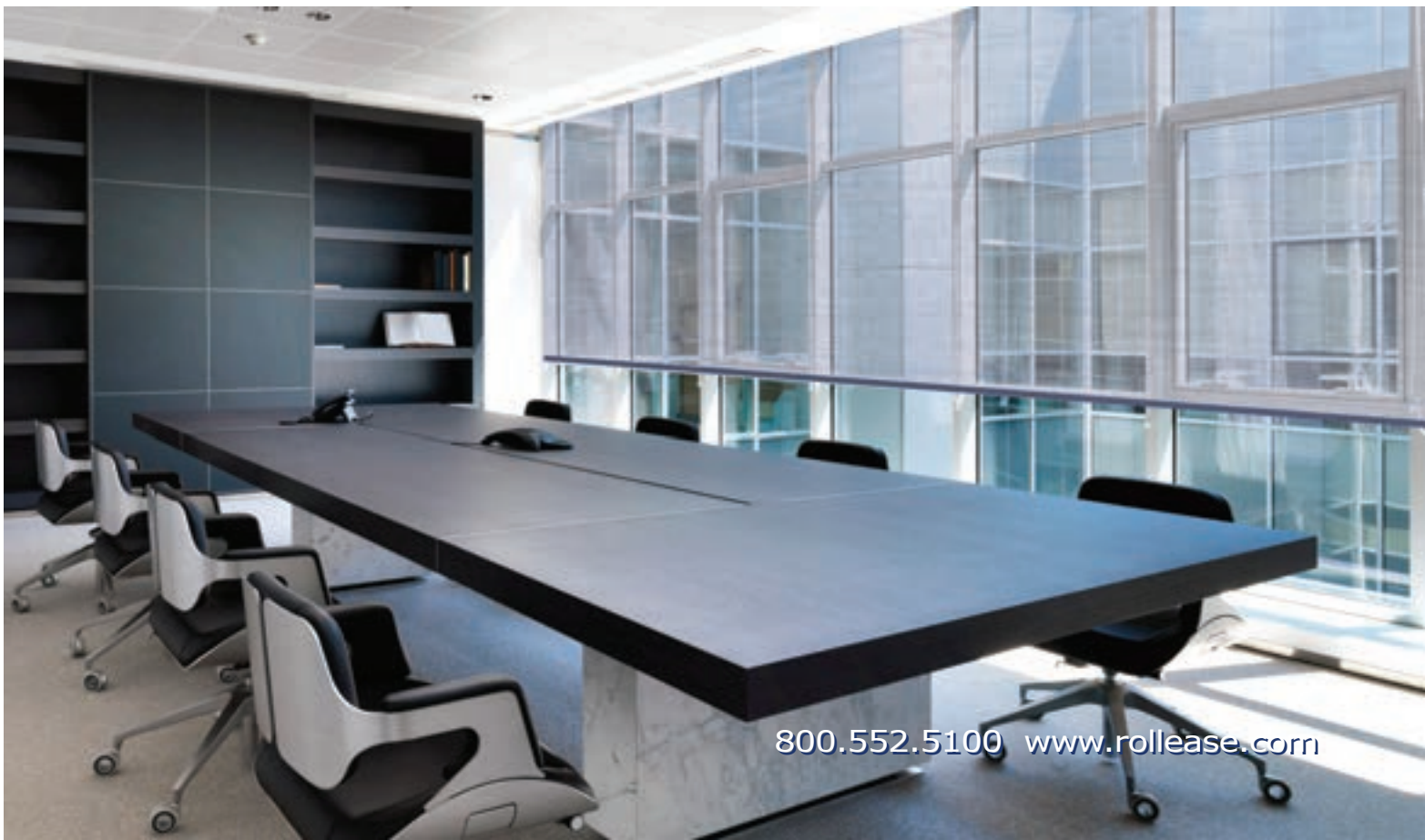


SS03, White/Gray

The View R series is a 15% open ribbed weave fabric that is ideal for applications where high visibility of outside views are desired. The 3000 SS series is a 2x2 basketweave with a stylish vertical stripe pattern.

SPECIFICATIONS

| Series | View R 15% | 3000 SS 3% |
|------------------|---|---|
| Composition | 27% Polyester, 73% PVC | 25% Polyester, 75% PVC |
| Openness factor | Average 15% | Average 3% |
| Weight | 13.42 oz/yd ² (455 g/m ²) ± 5% | 13.12 oz/yd ² (445 g/m ²) ± 5% |
| Thickness | 0.032" (0.83mm) | 0.022" (0.57mm) |
| Fabric count | 56 ends X 16 picks/sq. inch | 54 ends X 46 picks/sq. inch |
| Tensile strength | Warp 180 / Weft 188 daN/5cm | Warp 197 / Weft 167 daN/5cm |
| Tearing strength | Warp 14.1 / Weft 14.0 daN | Warp 7.4 / Weft 7.0 daN |
| Colorfastness | Grade 8 | Grade 8 |
| Standard width | 98.4" (2.5M) | 98.4" (2.5M) |
| Standard length | 33yd/roll (30m) | 33yd/roll (30m) |



SUNSHADOW®

SOLAR SCREEN FABRIC

4000 L, W



L101, White/Beige



L102, White/Sable



L103, White/Tree Brown



W003, White/Gray



W006, Cream/Brick Red



W007, Cream/Orange



W008, Cream/Purple

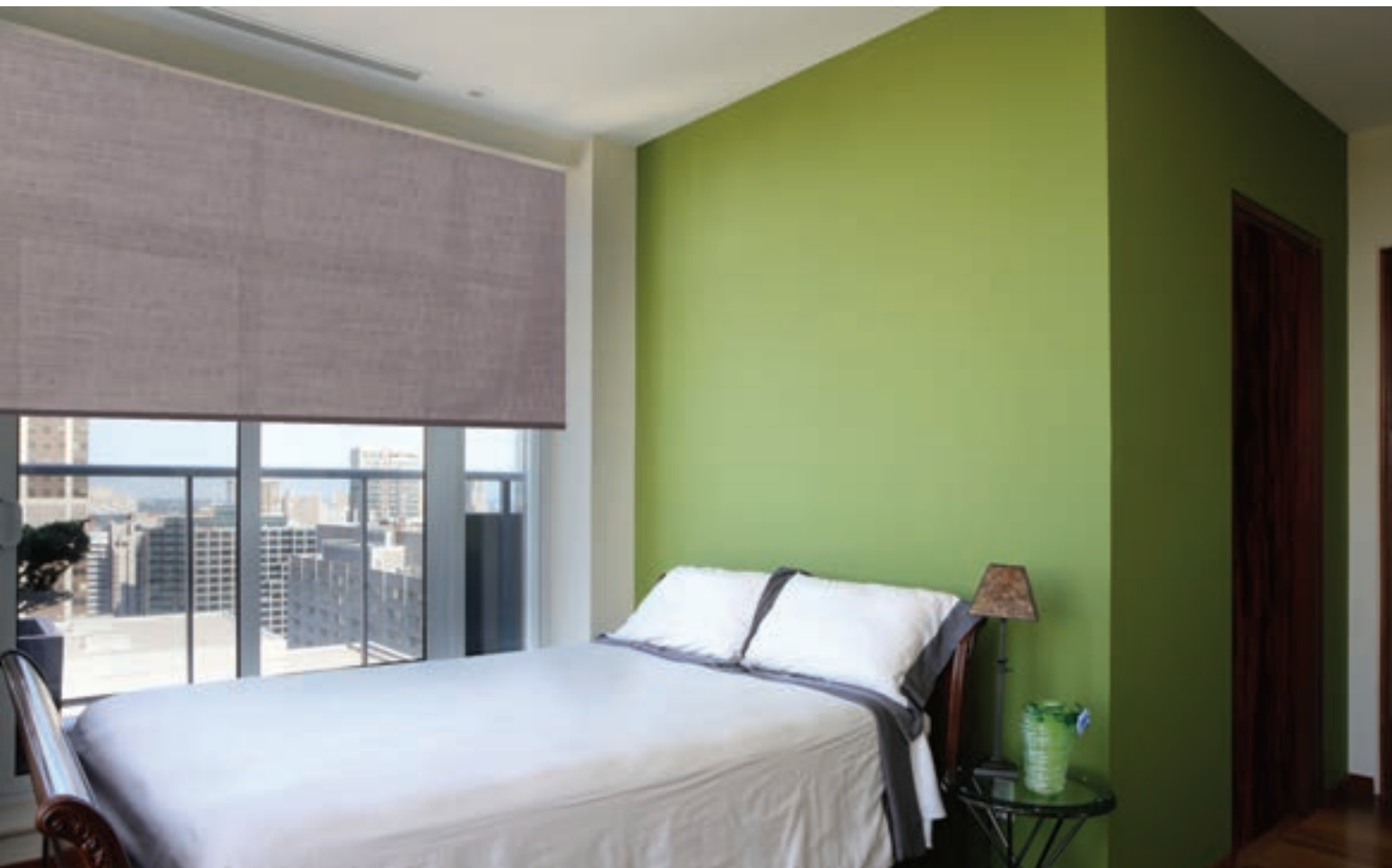


W009, Cream/Khaki Green

The 4000 L series are beautifully woven fabrics inspired by textures and colors in nature. The 4000 W fabrics offer a splash of color in a white-backed twill weave.

SPECIFICATIONS

| Series | 4000 L 5% | 4000 W 3% |
|------------------|--|---|
| Composition | 27% Polyester, 73% PVC | 27% Polyester, 73% PVC |
| Openness factor | Average 5% | Average 3% |
| Weight | 13.12 oz/yd ² 445 g/m ² ± 5% | 15.63 oz/yd ² (530 g/m ²) ± 5% |
| Thickness | 0.025" (0.65mm) ± 5% | 0.027" (0.65mm) ± 5% |
| Fabric count | 36 ends X 25 picks/sq. inch | 36 ends X 36 picks/sq. inch |
| Tensile strength | Warp 205 / Weft 160 daN/5cm | Warp 205 / Weft 210 daN/5cm |
| Tearing strength | Warp 11.8 / Weft 10.0 daN | Warp 13.1 / Weft 13.0 daN |
| Colorfastness | Grade 8 | Grade 8 |
| Standard width | 98.4" (2.5m) | 98.4" (2.5m) |
| Standard length | 33yd/roll (30m) | 33yd/roll (30m) |



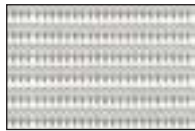
4700 P, Q



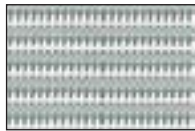
P001, White/White



P012, White/Beige/Beige

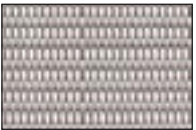


P013, White/Gray/Gray

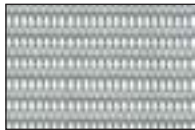


P015, White/Blue Gray/White

The 4700 P,Q series fabrics are woven with 3 different colored yarns. These fabrics offer less than 1% openness and are perfect when maximum privacy is desired.



P016, White/Light Gray/Light Pink



P017, White/Light Gray/Blue Gray



Q001, White/Cream/Alabaster Beige



Q002, White/Cream/Thistle Gray



Q006, Mushroom/Light Gray/Charcoal



Q007, Dark Gray/Graphite/Ebony

SPECIFICATIONS

| Series | 4700 P <1% | 4700 Q <1% |
|------------------|---|---|
| Composition | 20% Polyester, 80% PVC | 20% Polyester, 80% PVC |
| Openness factor | Less than 1% | Less than 1% |
| Weight | 18.58 oz/yd ² (630 g/m ²) ± 5% | 18.67 oz/yd ² (633 g/m ²) ± 5% |
| Thickness | 0.035" (0.90mm) | 0.039" (0.99mm) |
| Fabric count | 50 ends X 16 picks/sq. inch | 50 ends X 16 picks/sq. inch |
| Tensile strength | Warp 265 / Weft 100 daN/5cm | Warp 306 / Weft 90 daN/5cm |
| Tearing strength | Warp 8.1 / Weft 4.6 daN | Warp 11.1 / Weft 6.0 daN |
| Colorfastness | Grade 8 | Grade 8 |
| Standard width | 98.4" (2.5m) | 98.4" (2.5m) |
| Standard length | 33yd/roll (30m) | 33yd/roll (30m) |





SUNSHADOW SOLAR SCREEN FABRICS



Incredibly Durable

A unique manufacturing process delivers technically superior fabrics that are backed by a Lifetime Warranty.

Environmentally Friendly and Safe

All fabrics have undergone stringent testing and exceed quality standards, making them ideal for usage in any commercial or residential environment.

Low Odor

Specially formulated non-toxic PVC does not contain odor-causing compounds generally associated with solar screen material.

Vast Product Selection

Includes eight fabric collections, with a combination of six openness factors and ninety colors. Three available roll widths minimize scrap rates while maximizing design options.

Energy Savings

Up to 80% of solar heat is reflected and blocked, resulting in lower cooling costs.

Protects Furnishings

Blocks up to 88% of the harmful UV rays that can damage interior furnishings.

About RollEase

From clutches to headrails, motors to fabric, RollEase has you covered. As your trusted partner in window covering products, RollEase is pleased to offer the Alkenz fabric line and extend one more reason to make RollEase the source for all of your window covering needs.

Founded in 1980, RollEase is the essential source of innovative and high-quality products and services for the window covering industry worldwide. RollEase works directly with OEMs, fabricators, workrooms, contractors, designers, architects, and retailers to effectively meet the needs of all market segments.

When you specify or use RollEase operating systems, you provide your customers with products that work right the first time and every time.

The Competitive Edge

- Over 25 registered patents and others pending
- Award-winning products internationally recognized for design innovation
- A research and development team devoted to designing premium operating systems
- Multiple warehousing facilities strategically located for cost-effective fulfillment

The Product Offering

- Proprietary Clutches
- Headrails
- Specialty Products
- Fascia & Cassette Systems
- Roman Shade
- Control Devices
- Safety Components
- Motorization
- Fabrics



RollEase
Engineered to be Essential

800.552.5100 www.rollease.com



800.552.5100 203.964.1573
ORDER FAX: 203.358.5865
www.rollease.com

RollEase Headquarters

200 Harvard Avenue
Stamford, CT 06902-6320 USA
Office: 203.964.5173 / 800.552.5100
Fax: 203.964.0513 Order Fax: 203.358.5865

RollEase West

7150 West Roosevelt Street, Suite A-155
Phoenix, AZ 85043 USA
Office: 623.936.5818
Fax: 623.936.5294