

# H4500 - Motorized Screen

## Key Product Information

**mirage**  
screen systems

Version 1.00

| December 2024 |

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info@miragescreensystems.com

# Contents



- 1 Introducing the H4500
- 2 Applications
- 3 Specifications
- 4 Components
- 5 System Drawings
- 6 Color Options
- 7 Fabrics
- 8 Shipping Information



# Introducing the H4500

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Our H4500 motorized screens enhance backyards, patios, and other spaces. Don't let the insects or glaring sun get in the way when enjoying the outdoor space.

- **For Patios, Garage Doors, Other Openings**
- **Remote Options**
- **Quality mesh that endures**

# Applications



## Insect Control

Entertain on your patio without the annoyance of insects. The retained edges of the H4500 screen system completely seal your outdoor living space. Insect fabrics also provide some shading from the sun.



## Sun Control

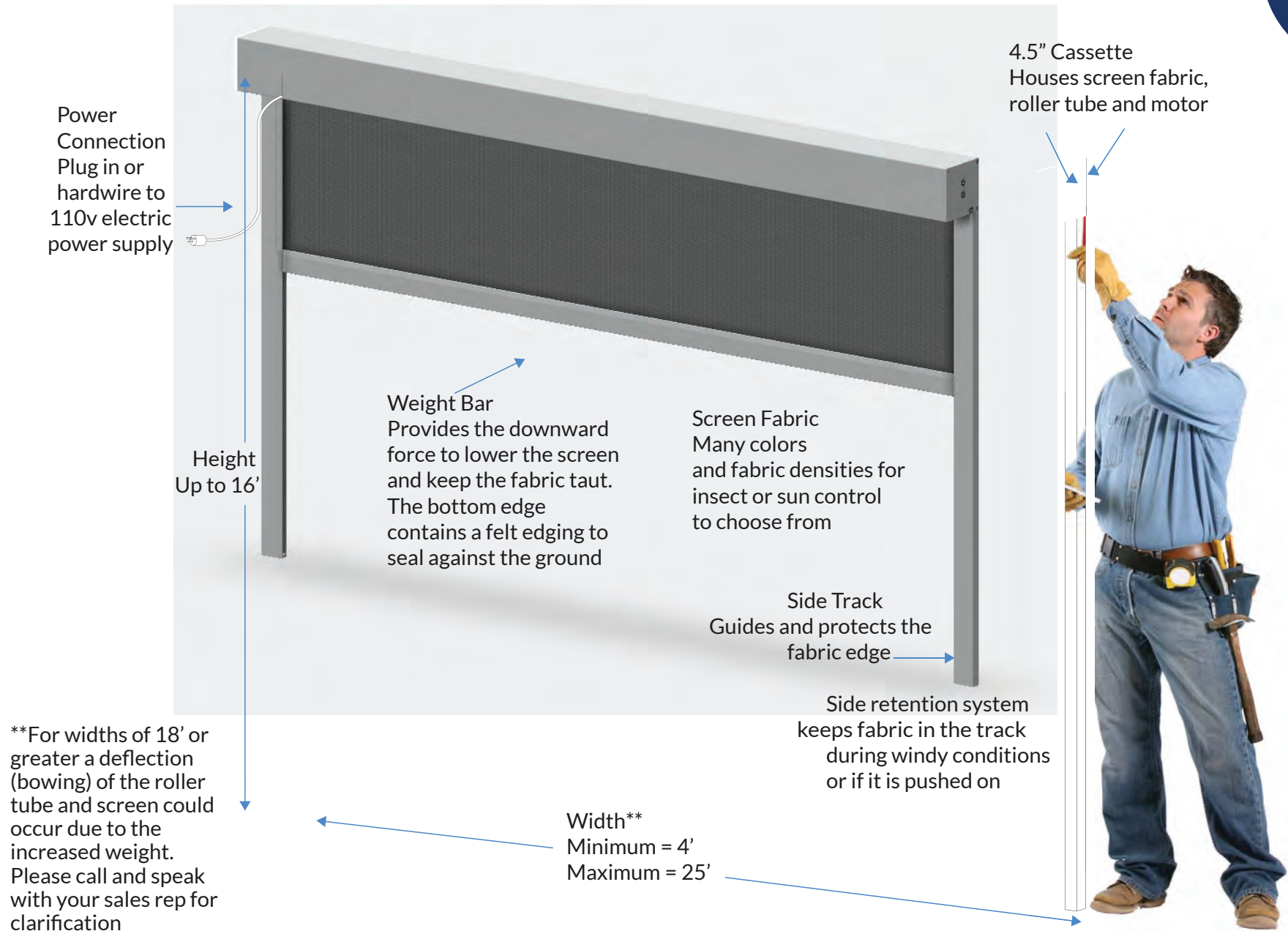
Used on the exterior of your home to keep the heat and damaging UV rays out. Reduce air conditioning costs and make your home more comfortable. Our sun control mesh can block up to 99% of the sun's damaging UV rays.



## Privacy, Blackout & Vinyl

Privacy fabric, blackout fabric, vinyl panels and a cable system are options available for the H4500. Contact Mirage for more information on these products.

# Specifications



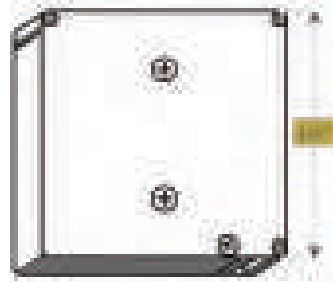
# Components



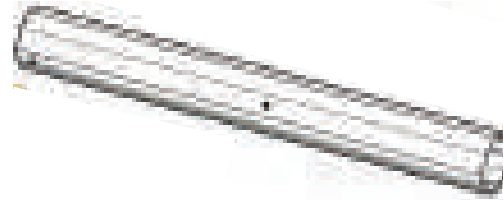
Housing Cover



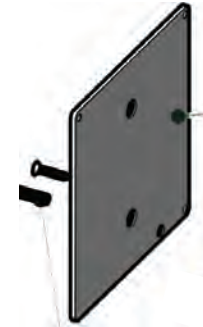
Housing



Roller Tube



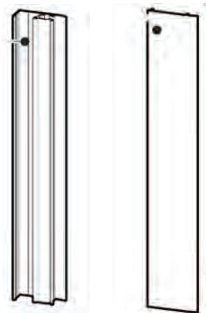
Housing Caps



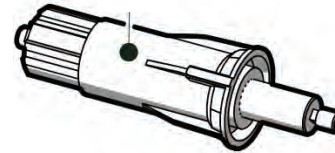
Weight Bar End Cap



Track & Cover



Silent Idler Pin



Weight Bar



Drive



Crown



Tubular Motor



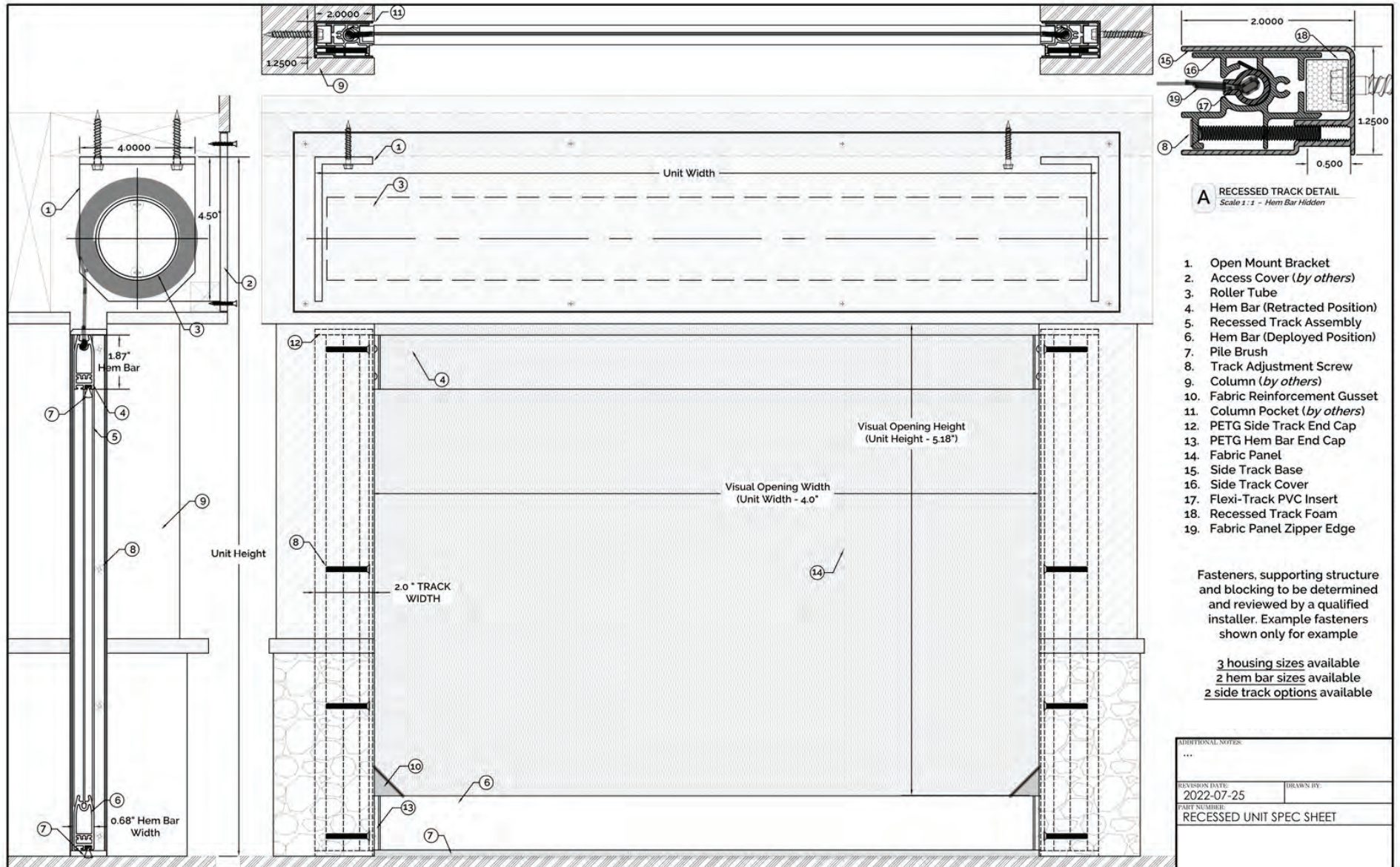
Idle Case



# System Drawings

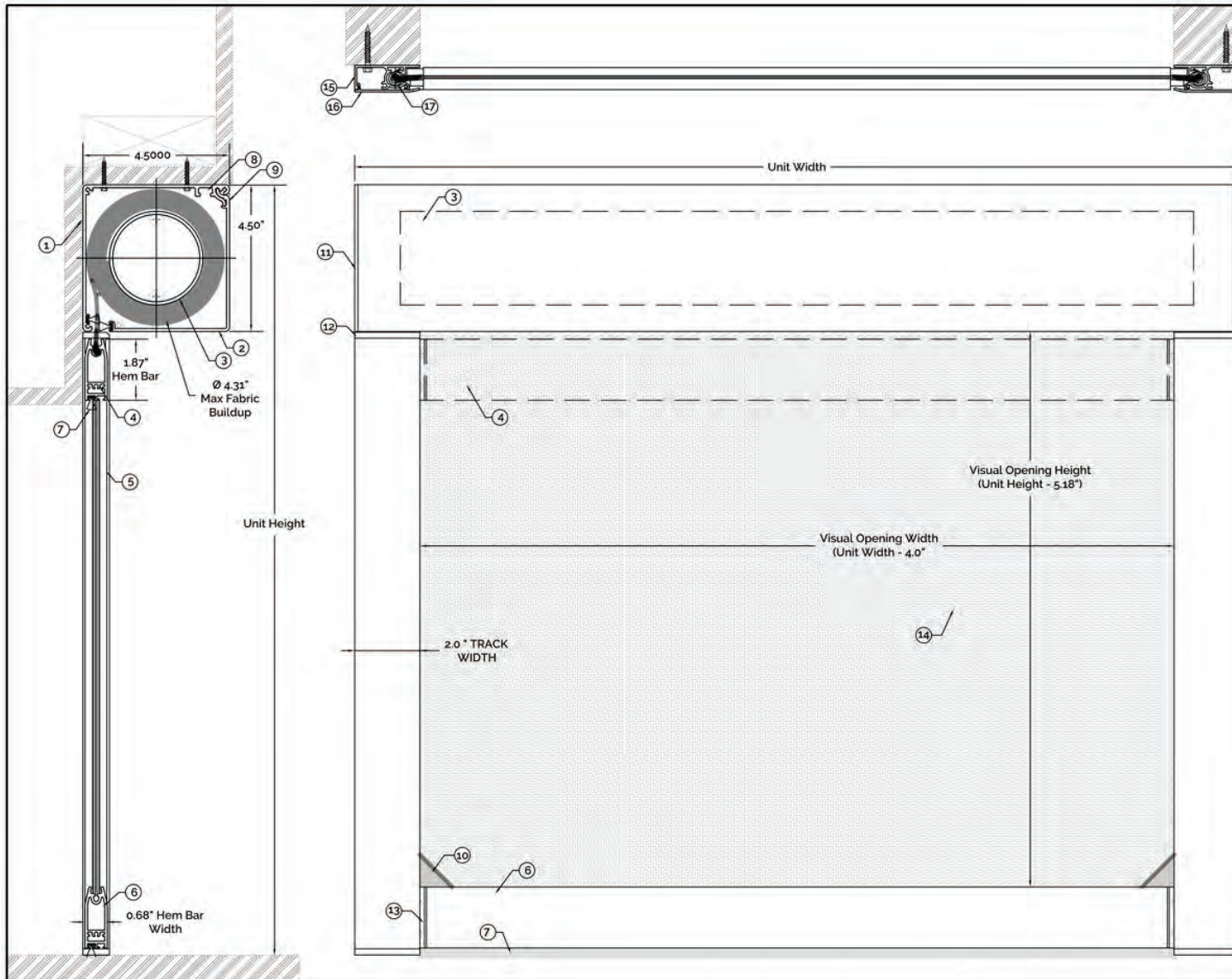


## Recessed Track



# System Drawings

## Standard Track



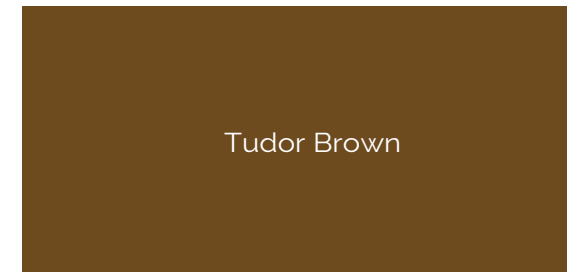
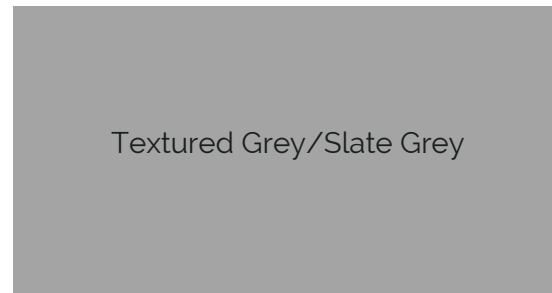
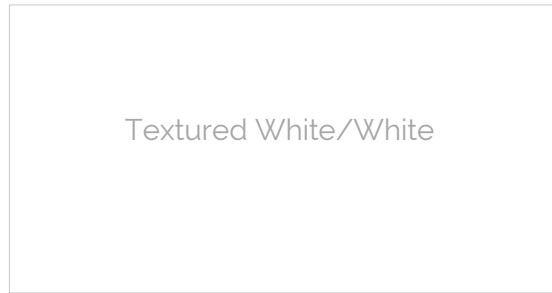
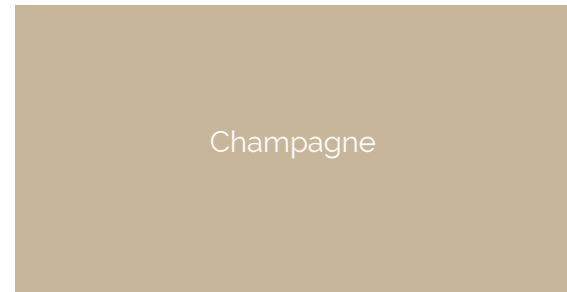
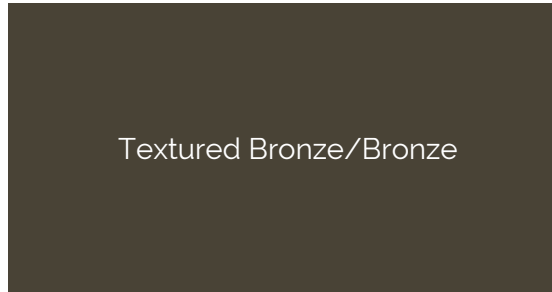
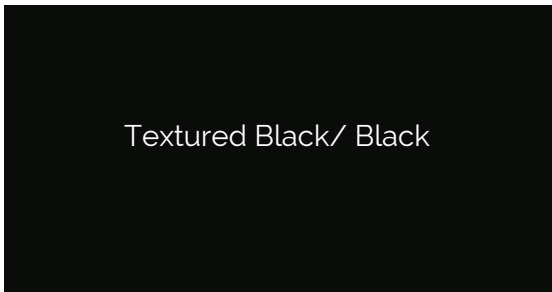
1. Housing Base
2. Housing Cover
3. Roller Tube
4. Hem Bar (Retracted Position)
5. Side Track Rail
6. Hem Bar (Deployed Position)
7. Pile Brush
8. Extruded Utility Slot
9. Housing Snap
10. Fabric Reinforcement Gusset
11. Metal Housing End Plate
12. PETG Side Track End Cap
13. PETG Hem Bar End Cap
14. Fabric Panel
15. Side Track Base
16. Side Track Cover
17. Flexi-Track PVC Insert

Fasteners, supporting structure and blocking to be determined and reviewed by a qualified installer. Example fasteners shown only for example

3 housing sizes available  
 2 hem bar sizes available  
 2 side track options available  
 see [www.TemplarScreens.com](http://www.TemplarScreens.com)  
 for more information.

ADDITIONAL NOTES:	
...	
REVISION DATE:	DRAWN BY:
2022-07-25	
PART NUMBER:	
STANDARD UNIT SPEC SHEET	

# Color Options



**IMPORTANT:** Colors may not appear exactly as shown. Contact your authorized Mirage Dealer for proper color samples. Please note an additional charge applies to our RAL and custom color program(s).

RAL and custom colors are also available. A RAL number or physical sample for custom color matching are required. We cannot accept other manufacturer color codes.

# Fabrics: Insect Control

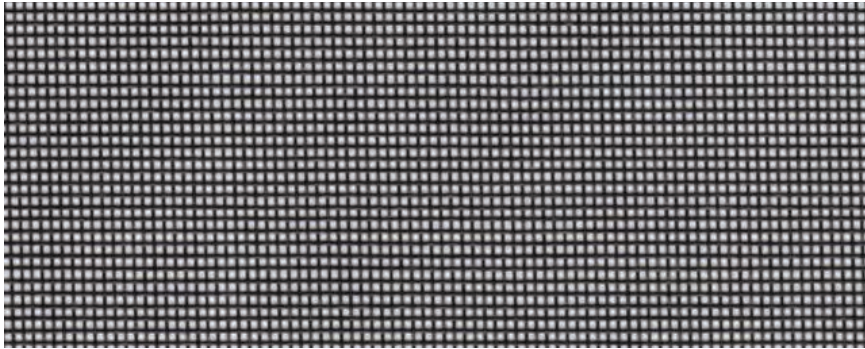
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# Fabrics: Insect Control



## Twitchell Nano 50

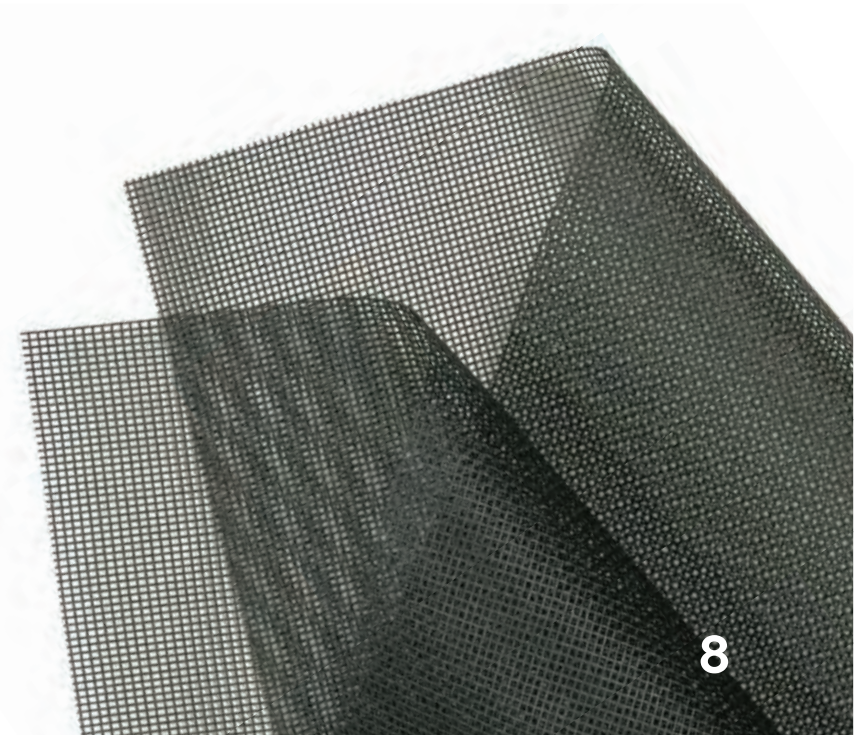
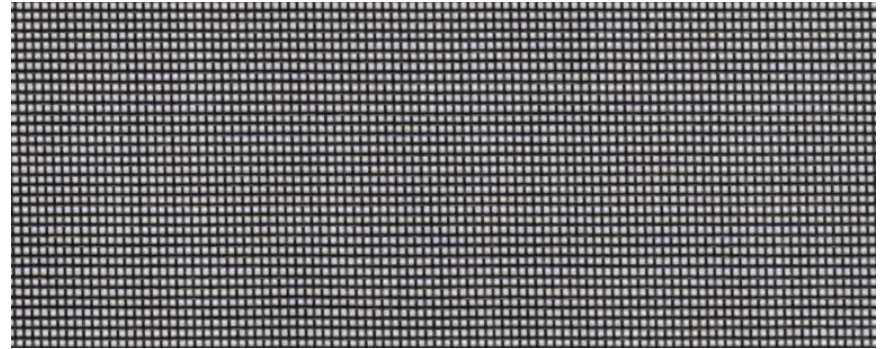


Twitchell Nano 50 is a heavy-duty, vinyl-coated polyester insect screening that is ideal for use in high traffic areas. Pet/tear/puncture resistant and is stronger than regular insect screening. It is excellent for use in patio and porch enclosures as well as windows and doors, and installs like regular insect screening.

Twitchell Nano 50 & 55 screening is great for:

- ✓ Hot, humid areas where no-see-um insects are rampant during summer, or even year round.
- ✓ Protecting a window, door, porch, pool or patio enclosure from tiny, annoying bugs. Versatile as you need it to be.
- ✓ Durable protection from severe weather. Twitchell Nano 50 and 55 material was designed with harsh winds and rain in mind.
- ✓ A little extra privacy from your neighbors.

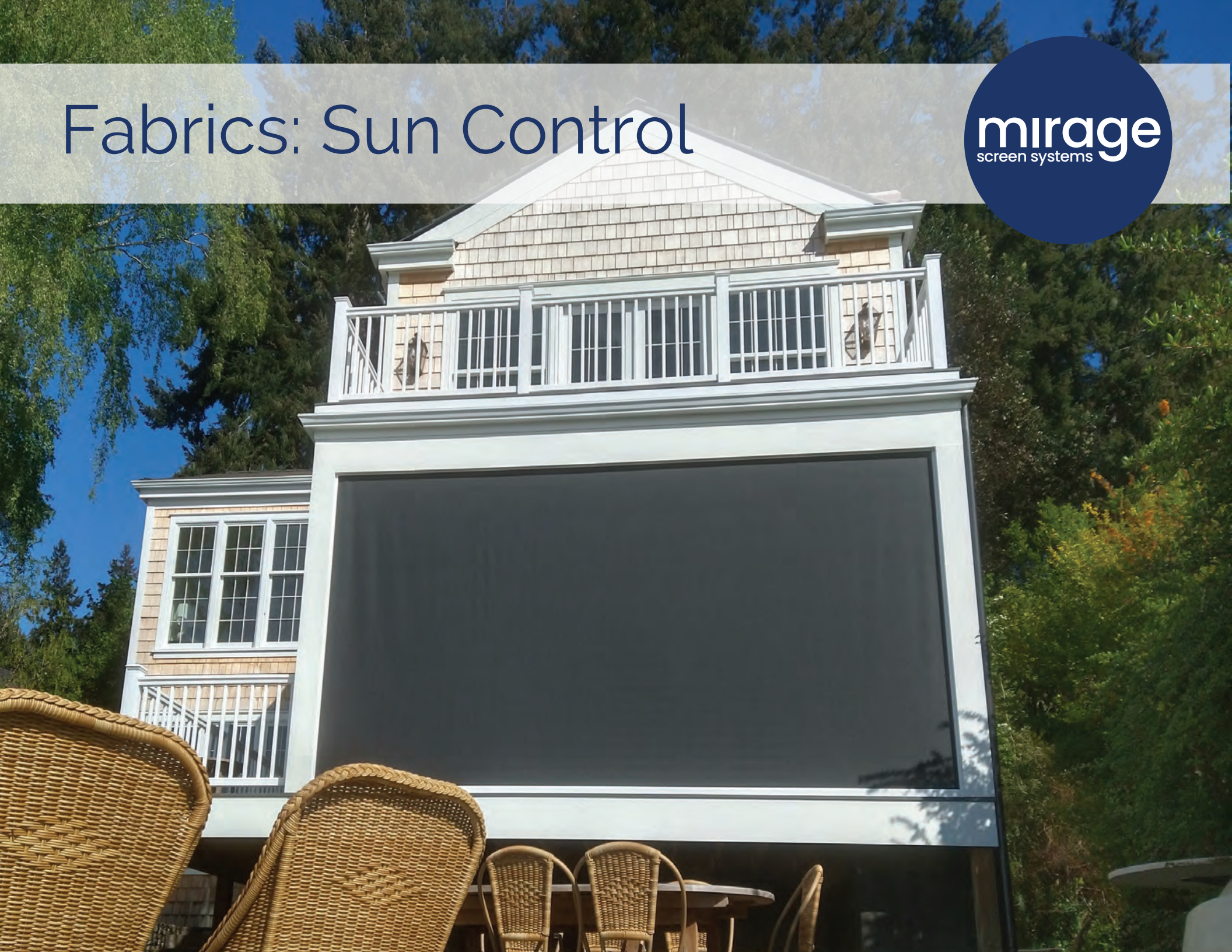
## Twitchell Nano 55



IMPORTANT: Colors may not appear exactly as shown. Contact your authorized Mirage Dealer for proper samples.

# Fabrics: Sun Control

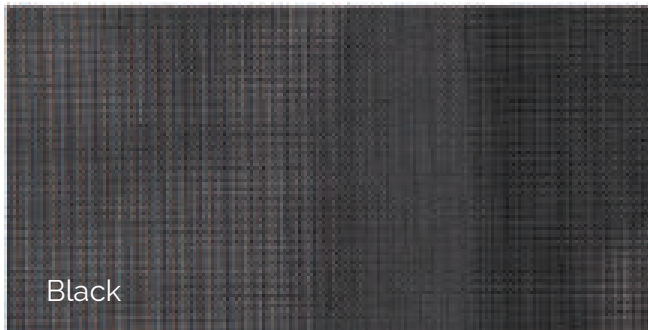
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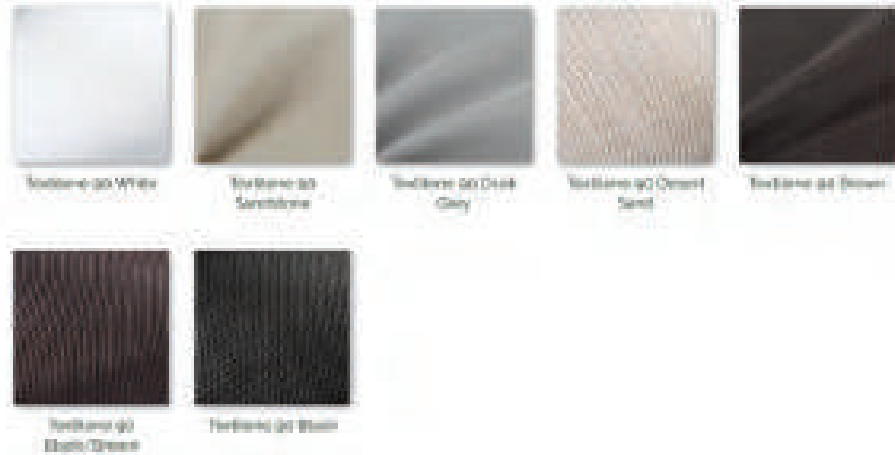
# Fabrics: Sun Control



## Twitchell Nano 70



## Twitchell Textiline 90



TEXTILENE<sup>®</sup> 90 is a durable synthetic fabric made of PVC coated polyester. Designed to reduce heat transfer and solar glare, our fabrics can lower overall energy cost and protect indoor furnishings. Fade resistant, they are excellent choices for a variety of indoor or outdoor uses. TEXTILENE<sup>®</sup> 90 blocks up to 90% of the sun's rays.

## Twitchell Textilene 80



Twitchell Textilene 80 is a unique woven mesh that can block 80% of the sun's hot rays before they enter your window. Perfect for outdoor blinds, exterior solar screens and sun shading applications, the fabrics can be used for your window screens, door screens, patio, motorized shade, patio shades, or canopy.

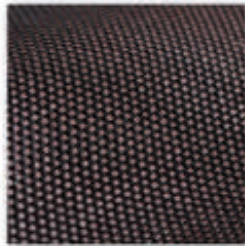
# Fabrics: Sun Control



## Twitchell Textilene 95



Textilene 95  
Tumbleweed



Textilene 95 Tobacco  
Leaf



Textilene 95 Quartz



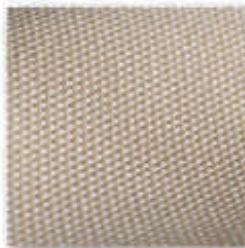
Textilene 95 Pure  
White



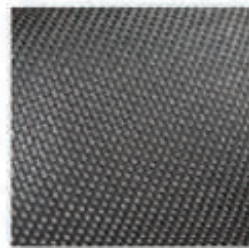
Textilene 95 Pewter



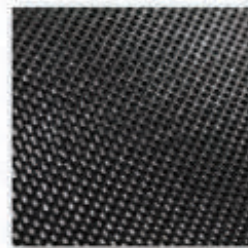
Textilene 95 Putty



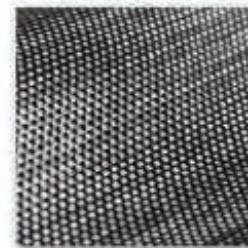
Textilene 95  
Mushroom



Textilene 95 Graphite



Textilene 95 Galaxy  
Black



Textilene 95 Carbon  
Texture



Textilene 95 Almond  
Brown

Engineered for exterior roller shade applications, is a full basketweave vinyl-coated polyester fabric that is thinner and lighter weight than traditional. With a 5% openness factor, Twitchell Textilene 95 offers increased heat and glare control as well as daytime privacy.

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# Fabrics: Privacy Screens

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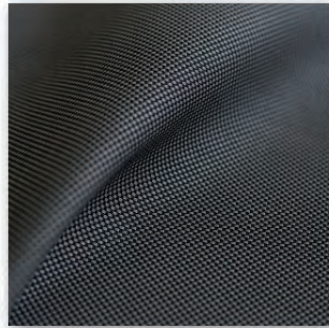
# Fabrics: Privacy Screens



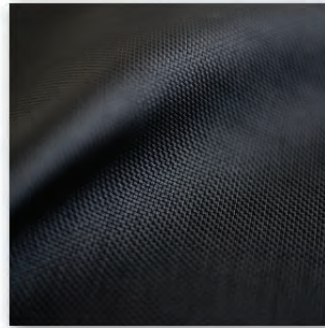
## Twitchell Nano 97



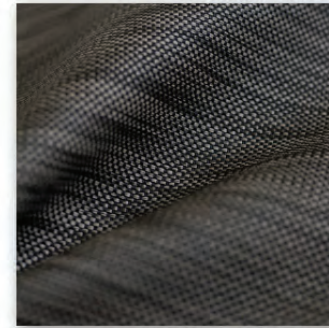
Nano 97 Tobacco



Nano 97 Granite



Nano 97 Flat Black

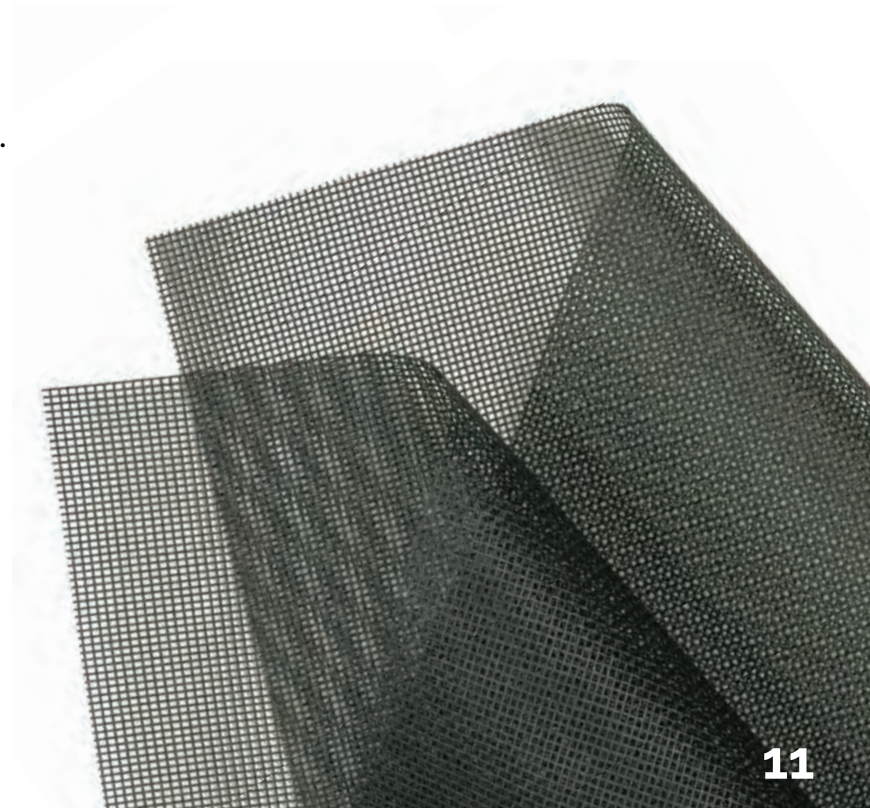


Nano 97 Espresso  
Texture



Nano 97 Charcoal

TEXTILENE® nano™ 97 Twill is a durable, two-sided, synthetic fabric. It is lighter and finer with the same technical qualities as the original TEXTILENE®. TEXTILENE® nano™ 97 Twill is excellent for exterior use and can reduce energy costs while blocking up to 97% of the sun's harmful rays .



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# Fabrics: Blackout Screens



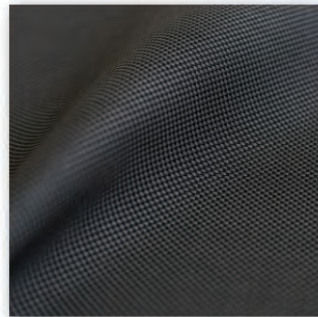
# Fabrics: Blackout Screens



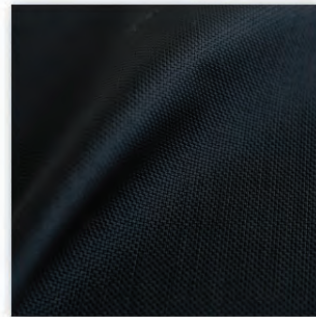
Twitchell Nano 99



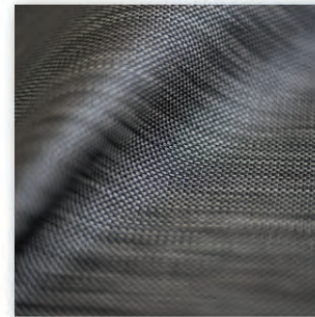
Nano 99 Tobacco



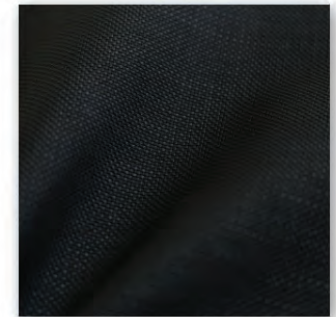
Nano 99 Granite



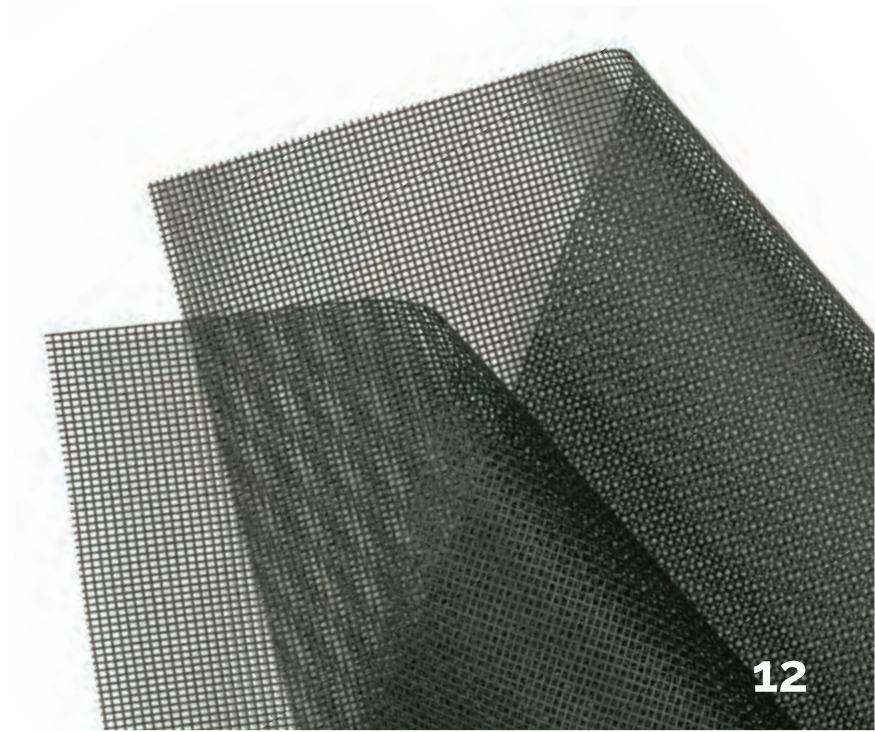
Nano 99 Flat Black



Nano 99 Espresso  
Texture



Nano 99 Charcoal



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# Shipping Information



## Shipping Rates (LTL):

- \$200 - \$500/unit, depending on location and units per shipment

## Shipping Times:

5-10 days

