

A long, modern hallway with large windows and roller shades. The hallway is brightly lit, with sunlight streaming in through the windows, creating long shadows on the floor. The roller shades are a light, warm color, and the floor is made of large, light-colored tiles. The ceiling is dark with recessed lighting. The overall atmosphere is clean, bright, and professional.

# Roller Shade Specification Catalog

**HunterDouglasContract**

WINDOW COVERINGS

A photograph of a modern office interior. In the foreground, a long, light-colored conference table is surrounded by several beige chairs with dark blue seats. The floor is covered in a blue and green patterned carpet. In the background, a large window with white roller shades is partially open, revealing an outdoor courtyard with a paved path, small trees, and a white building. Above the window, a large, colorful abstract sculpture hangs from the ceiling. The text "Innovative products make innovative projects" is overlaid on the window area.

# **Innovative products make innovative projects**

Project: Royal Caribbean Call Center  
Architect: Workstage; Integrated Architects  
Product: Roller Shades FR



Hunter Douglas Contract roller shades provide an excellent solution for controlling light and glare. Simple, versatile, distinctive, and cost-effective, our line includes a wide range of decorative and performance fabrics, mounted on high-quality hardware.

MANUAL ROLLER SHADES	1
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DEDUCTION CHARTS	3
FABRIC SELECTOR	4

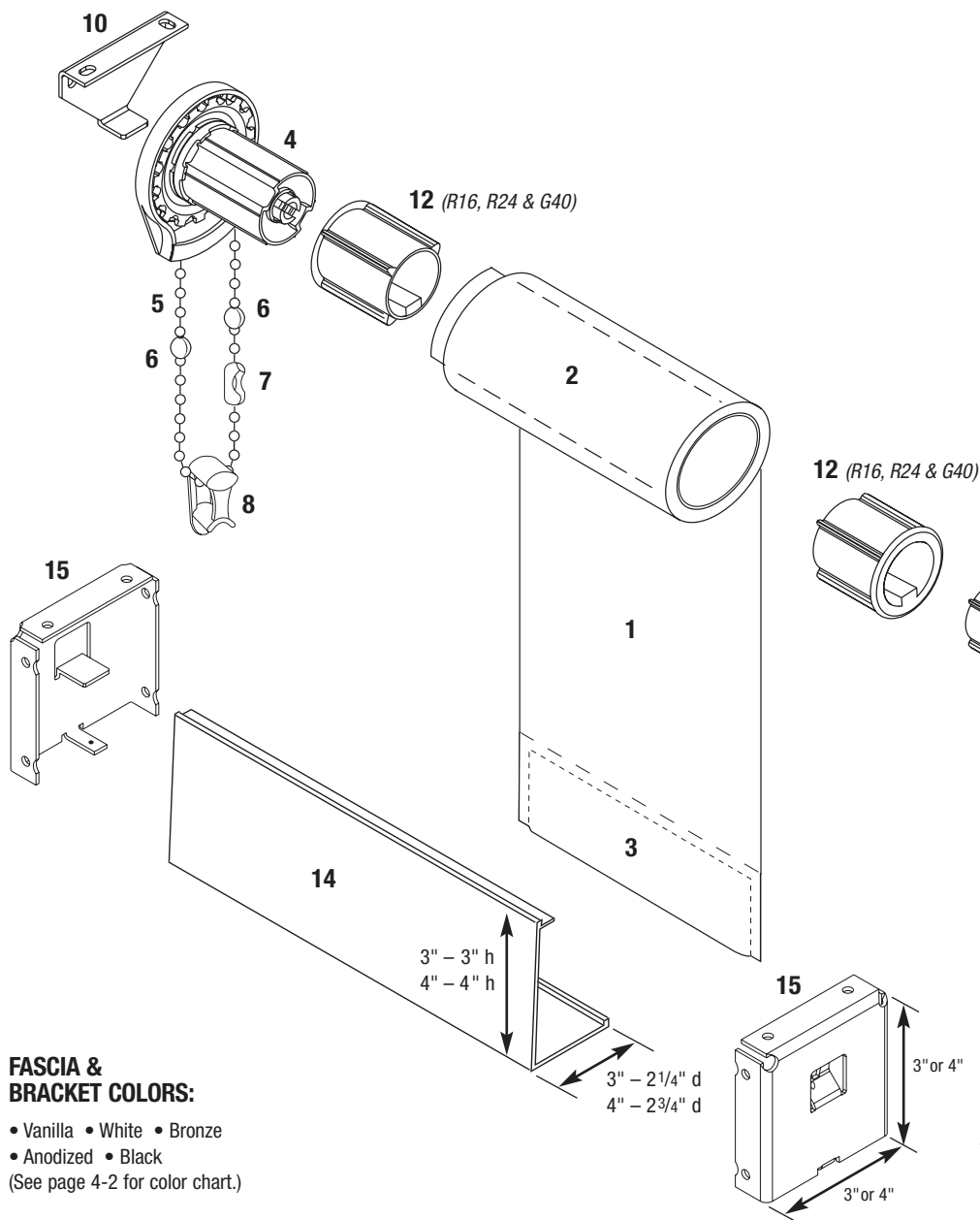


# Manual Roller Shades

MANUAL ROLLER SHADES



— MANUAL ROLLER SHADE —



**STANDARD COMPONENTS:**

1. Fabric
2. Roller Tube Dimensions:
  - R8 ..... 1 1/8" Diameter
  - R16 ..... 1 1/2" Diameter
  - R16 ..... 2" Diameter
  - G40 ..... 2 1/2" Diameter
  - R24 with Spring Assist ... 3" Diameter
3. 2" Sealed Pocket Hem Bar
4. Clutch
5. Bead Chain
6. Bead Chain Stops
7. Bead Chain Connector
8. Tension Device
9. End Plug
10. Clutch Bracket
11. End Plug Bracket
12. Adapter for R16, R24 and G40 Clutches & End Plugs
13. R24 Clutch with Spring Assist

**OPTIONAL COMPONENTS:**

- Fabric Covered Bottom Bar
- 14. Front Fascia – 3 3/4"
- 15. Fascia Brackets

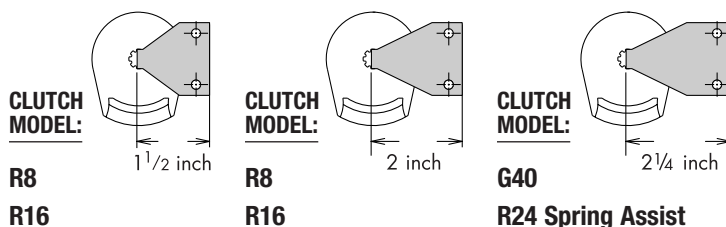
**FASCIA & BRACKET COLORS:**

- Vanilla • White • Bronze
  - Anodized • Black
- (See page 4-2 for color chart.)

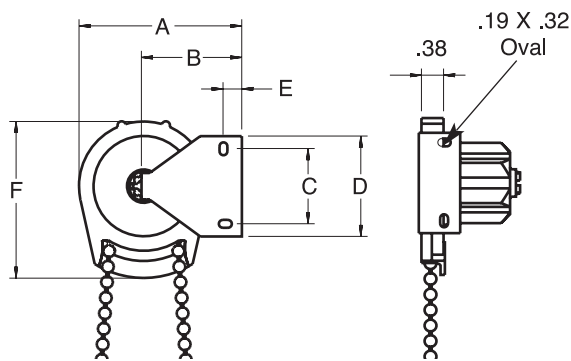
**SHADE SIZES & WEIGHTS:**

CLUTCH MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
<b>R8</b>	12" – 72"	12" – 144"	8 lbs.
<b>R16</b>	72 1/8" – 120"	12" – 144"	16 lbs.
<b>G40</b>	120 1/8" – 156"	12" – 144"	40 lbs.
<b>R24 with Spring Assist</b>	156 1/8" – 192"	12" – 144"	40 lbs.

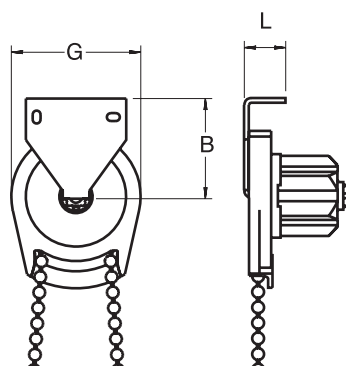
**BRACKET PROJECTIONS:**



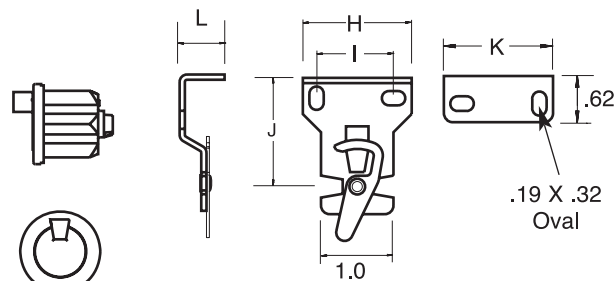
— COMPONENT DIMENSIONS —



Outside & Inside Mount



Ceiling Mount



End Plug and Bracket with Retainer

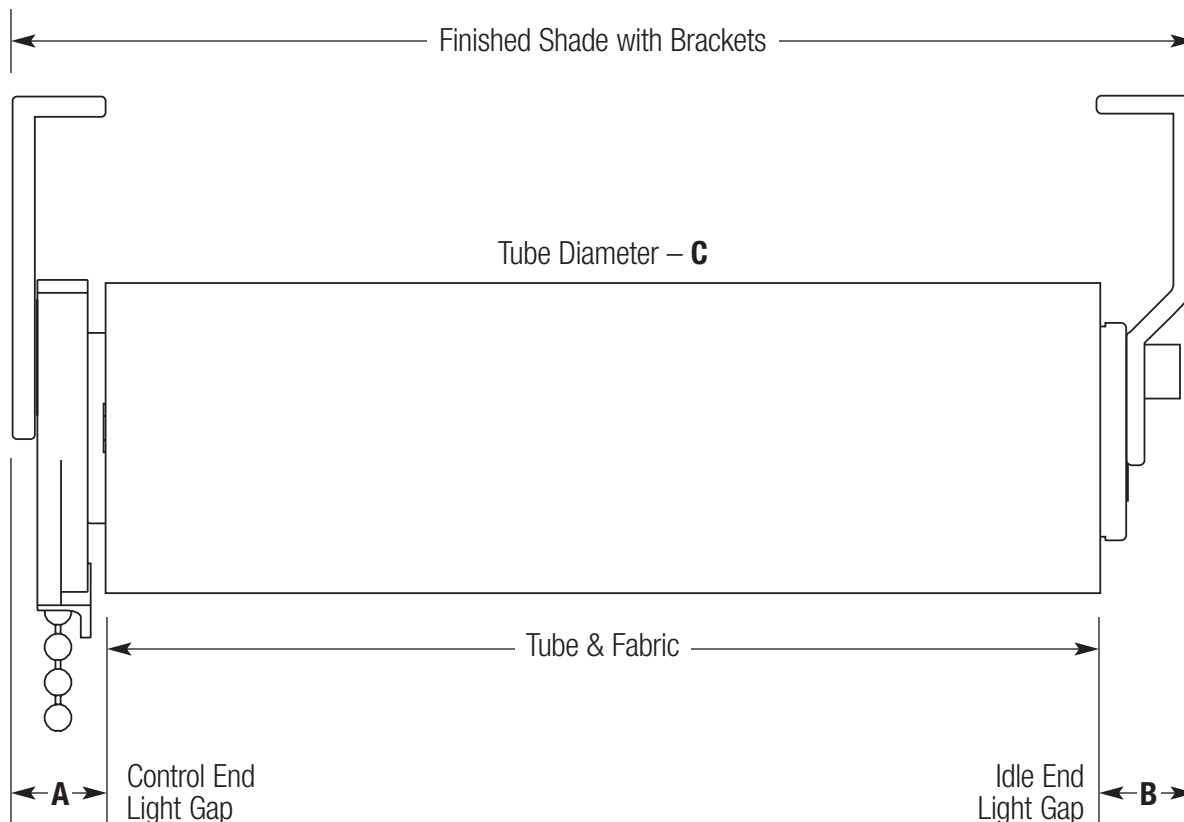
Flange diameter matches outside diameter of tube

COMPONENT DIMENSIONS:

CLUTCH MODEL	BRACKET MODEL	A	B	C	D	E	F	G	H	I	J	K	L
R8	1 1/2" Projection	2.48"	1.5"	1.06"	1.5"	0.28"	2.35"	1.95"	1.5"	1.125"	1.5"	1.5"	.62"
	2" Projection	2.98"	2.0"	1.06"	1.5"	0.28"	2.35"	1.95"	1.5"	1.125"	2.0"	1.5"	.62"
R16	1 1/2" Projection	2.95"	1.62"	2.0"	2.5"	0.31"	3.21"	2.65"	2.5"	2.0"	1.5"	2.5"	.62"
	2" Projection	3.45"	2.12"	2.0"	2.5"	0.31"	3.21"	2.65"	2.5"	2.0"	2.0"	2.5"	.62"
G40	2 1/4" Projection	4.0"	2.25"	1.75"	3.0"	0.375"	4.25"	3.50"	3.0"	1.75"	2.25"	3.0"	.62"
R24 WITH SPRING ASSIST	2 1/4" Projection	4.0"	2.25"	1.75"	3.0"	0.375"	4.25"	3.50"	3.0"	1.75"	2.25"	3.0"	.62"

— SINGLE SHADE MOUNTING —

(Deductions will be taken by manufacturer. Please order desired width.)



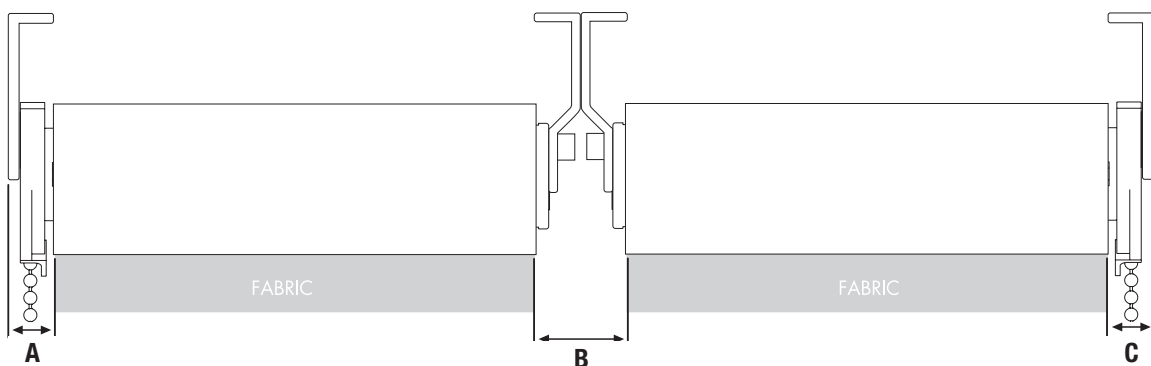
**SINGLE SHADE MOUNTING DIMENSIONS:**

CLUTCH MODEL	CONTROL END LIGHT GAP A	IDLE END LIGHT GAP B	TUBE DIAMETER C
R8	.510"	.573"	1 1/8"
R16	.635"	.573"	1 1/2" / 2"
G40	7/8"	5/8"	2 1/2"
R24 with Spring Assist	7/8"	5/8"	3"

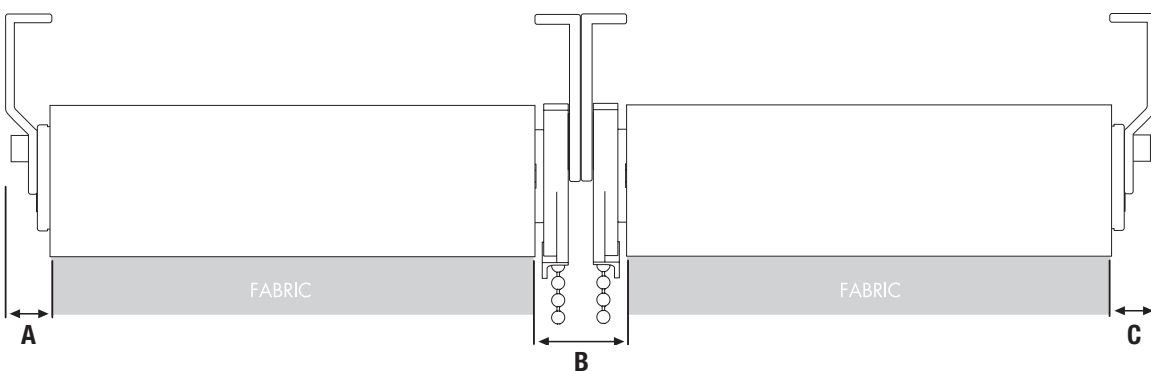


— SIDE-BY-SIDE MOUNTING —

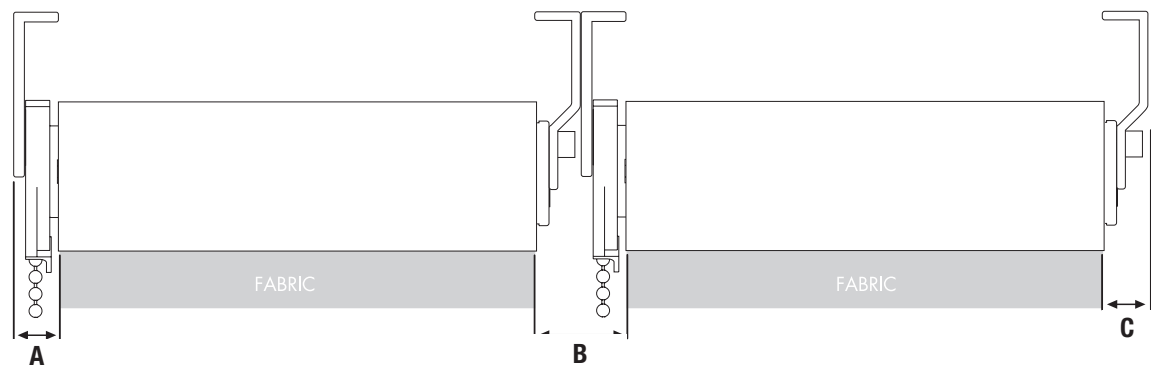
LEFT AND RIGHT CLUTCHES



INSIDE CLUTCHES



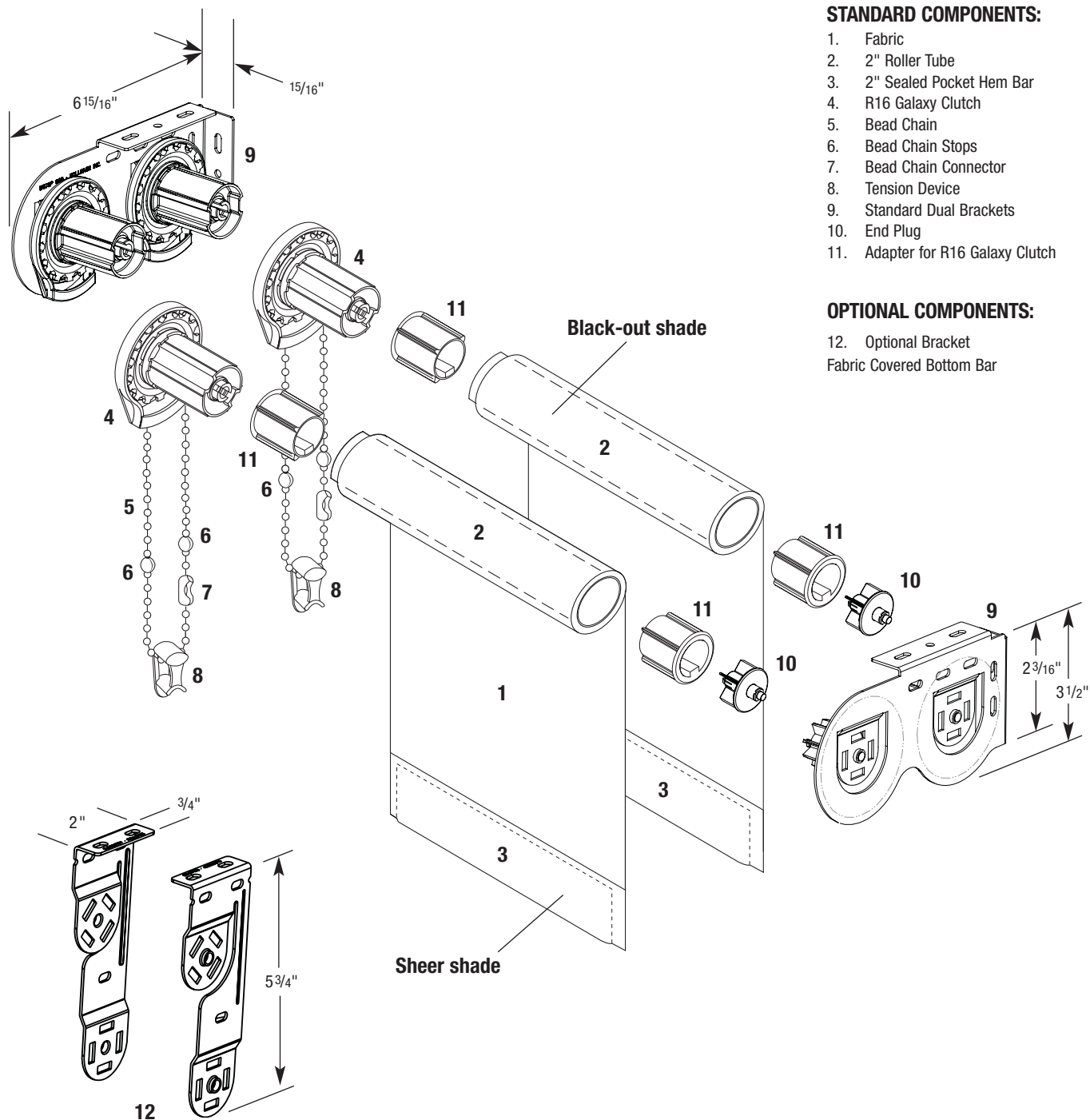
LEFT CLUTCHES



**SIDE-BY-SIDE GAP DIMENSIONS:**

CLUTCH MODEL	LEFT & RIGHT CLUTCHES			INSIDE CLUTCHES			LEFT CLUTCHES		
	A	B	C	A	B	C	A	B	C
<b>R8</b>	1/2"	1 1/8"	1/2"	9/16"	1"	9/16"	1/2"	1 1/16"	9/16"
<b>R16</b>	5/8"	1 1/8"	5/8"	9/16"	1 1/4"	9/16"	5/8"	1 3/16"	9/16"
<b>G40</b>	7/8"	1 1/4"	7/8"	5/8"	1 3/4"	5/8"	5/8"	1 1/2"	5/8"
<b>R24</b> with Spring Assist	7/8"	1 1/4"	7/8"	5/8"	1 3/4"	5/8"	5/8"	1 1/2"	5/8"

— DUAL MANUAL ROLLER SHADE —



**STANDARD COMPONENTS:**

1. Fabric
2. 2" Roller Tube
3. 2" Sealed Pocket Hem Bar
4. R16 Galaxy Clutch
5. Bead Chain
6. Bead Chain Stops
7. Bead Chain Connector
8. Tension Device
9. Standard Dual Brackets
10. End Plug
11. Adapter for R16 Galaxy Clutch

**OPTIONAL COMPONENTS:**

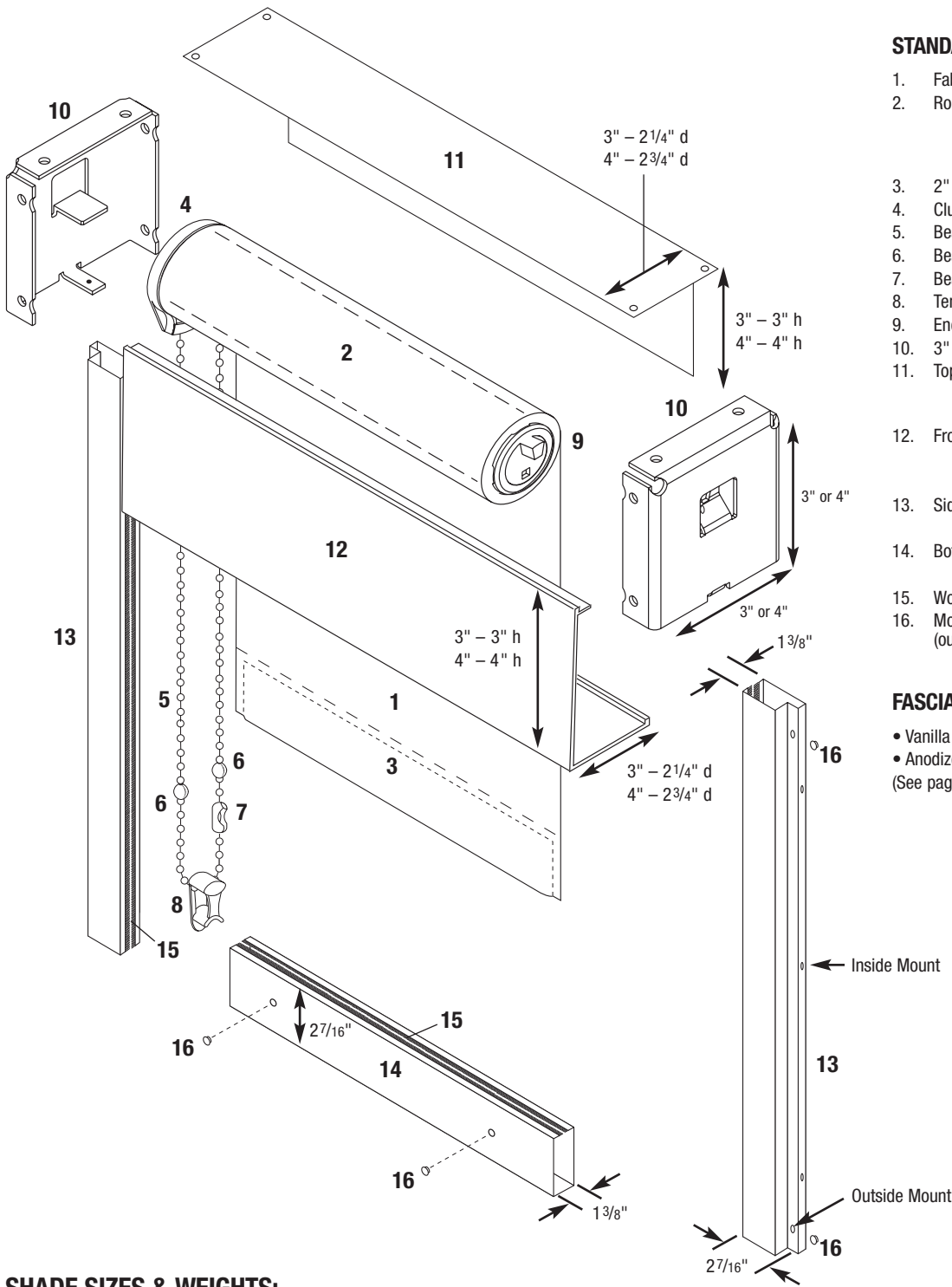
12. Optional Bracket
- Fabric Covered Bottom Bar

**SHADE SIZES & WEIGHTS:**

CLUTCH MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE	MAXIMUM ROLL-UP DIAMETER*
R16 Galaxy	18" – 120"	12" – 120"	16 lbs.	2"	3.4"

\* Roll-up diameter varies with the thickness of the fabric.  
Contact Hunter Douglas Contract if specific roll-up diameter information is required.

# — MANUAL SHADE WITH BLOCKOUT SYSTEM —



### STANDARD COMPONENTS:

1. Fabric
2. Roller Tube Dimensions:  
R8 ..... 1 1/8" Diameter  
R16 ..... 1 1/2" Diameter  
G40 ..... 2" Diameter
3. 2" Sealed Pocket Hem Bar
4. Clutch
5. Bead Chain
6. Bead Chain Stops
7. Bead Chain Connector
8. Tension Device
9. End Plug
10. 3" / 4" Fascia Brackets
11. Top/Back Fascia  
3" Dimensions: 3" h x 2 1/4" d  
4" Dimensions: 4" h x 2 3/4" d
12. Front Fascia  
3" Dimensions: 3" h x 2 1/4" d  
4" Dimensions: 4" h x 2 3/4" d
13. Side Channels  
Dimensions: 27/16" w x 1 3/8" d
14. Bottom Channel  
Dimensions: 27/16" h x 1 3/8" d
15. Wool Pile
16. Mounting Hole Plugs (outside mount only)

### FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
  - Anodized • Black
- (See page 4-2 for color chart.)

### SHADE SIZES & WEIGHTS:

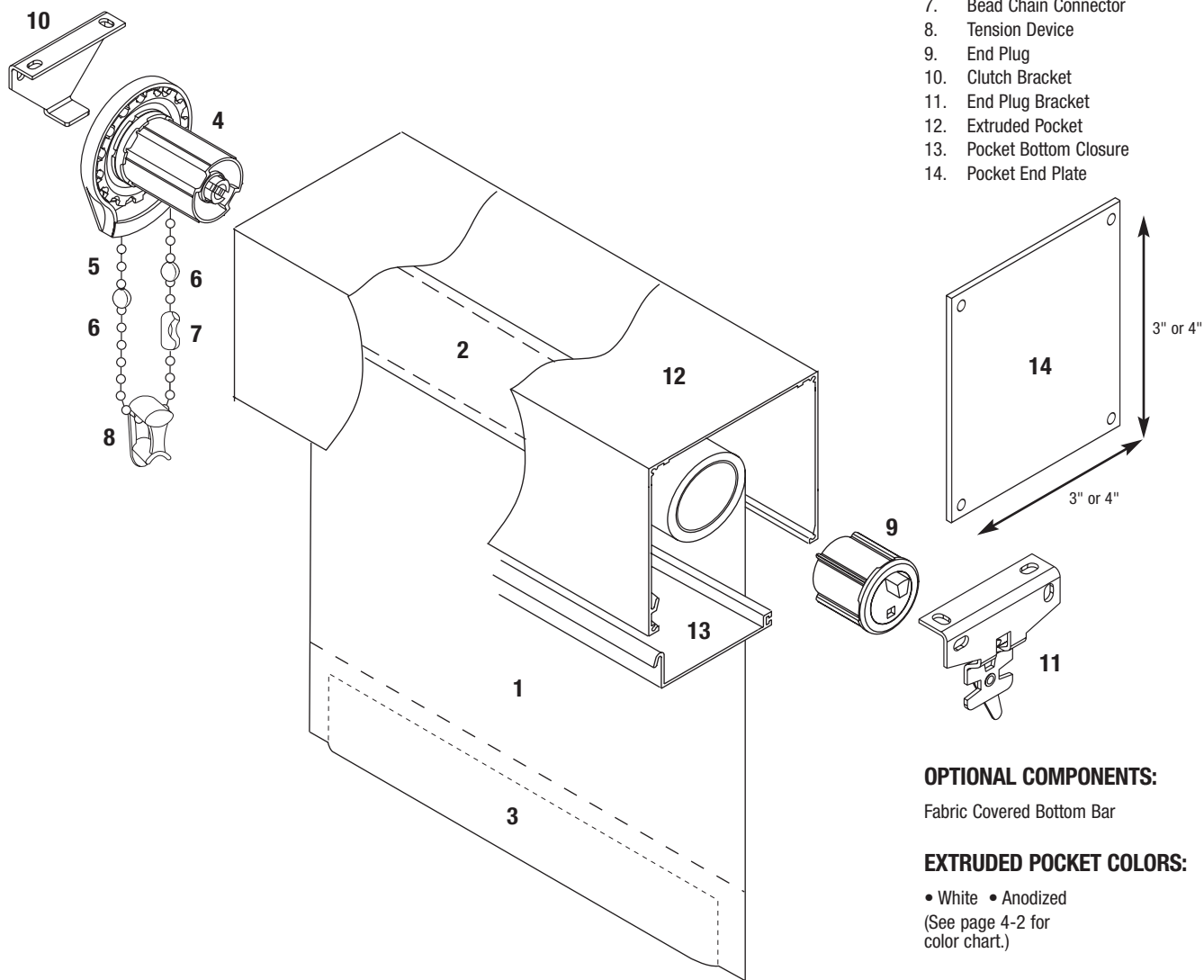
CLUTCH MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE		MAXIMUM ROLL-UP DIAMETER*	
				3" FASCIA	4" FASCIA	3" FASCIA	4" FASCIA
R8	12" – 72"	12" – 144"	8 lbs.	1 1/8"	—	2 7/8"	—
R16	72 1/8" – 90"	12" – 144"	16 lbs.	1 1/2"	1 1/2"	2 7/8"	3 7/8"
R16	90 1/8" – 120"	12" – 144"	16 lbs.	—	2"	—	3 7/8"
G40	120 1/8" – 156"	12" – 144"	40 lbs.	—	2 1/2"	—	3 7/8"

\* Roll-up diameter varies with the thickness of the fabric and tube diameter. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

— MANUAL SHADE WITH EXTRUDED POCKET —

**STANDARD COMPONENTS:**

1. Fabric
2. 2" Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Clutch
5. Bead Chain
6. Bead Chain Stops
7. Bead Chain Connector
8. Tension Device
9. End Plug
10. Clutch Bracket
11. End Plug Bracket
12. Extruded Pocket
13. Pocket Bottom Closure
14. Pocket End Plate



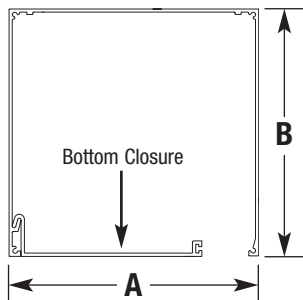
**OPTIONAL COMPONENTS:**

Fabric Covered Bottom Bar

**EXTRUDED POCKET COLORS:**

• White • Anodized  
(See page 4-2 for color chart.)

**POCKET PROFILE**

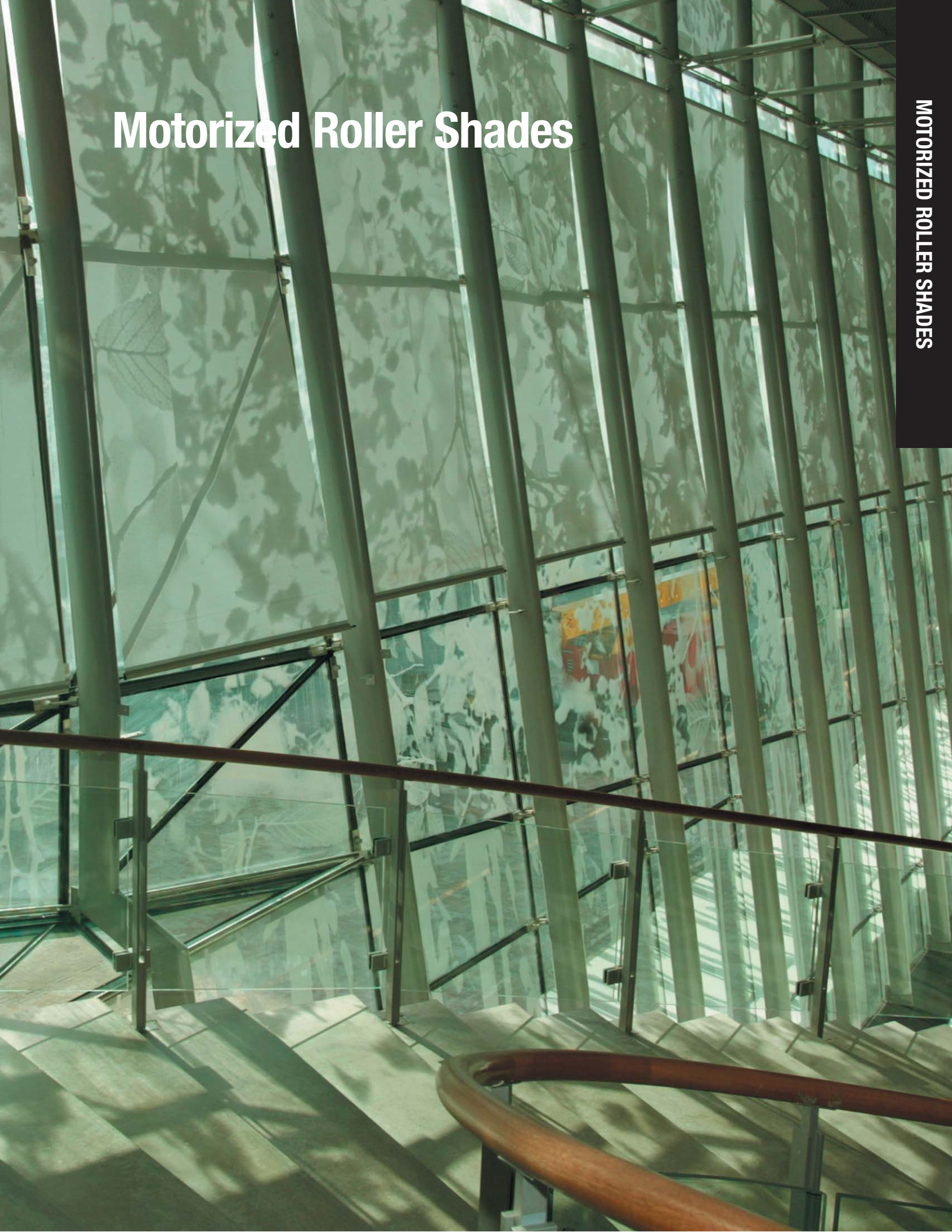


**POCKET DIMENSIONS:**

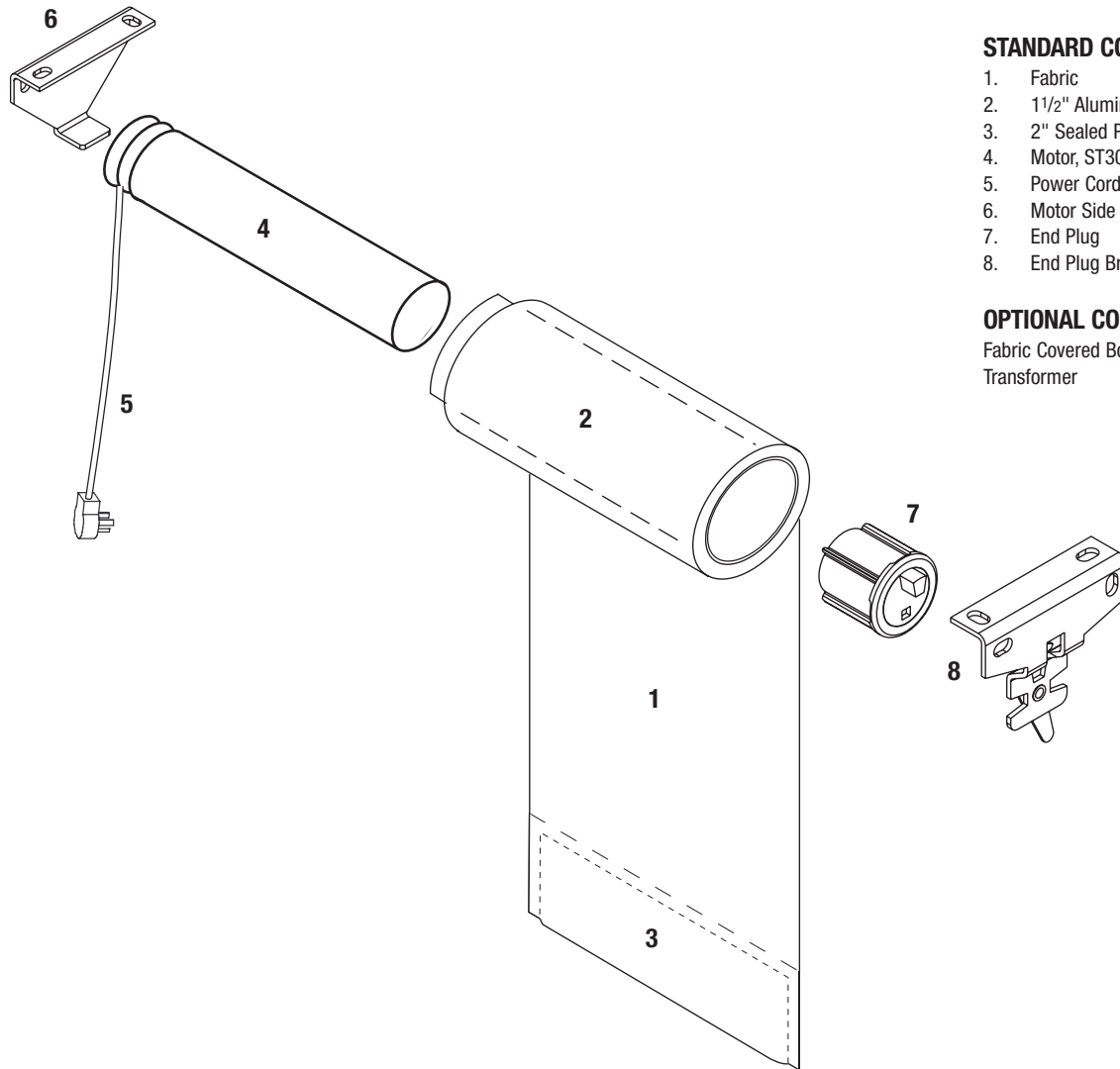
POCKET SIZE	WIDTH A	HEIGHT B
4"	4.52"	4.09"
5"	4.75"	4.75"
6"	6.52"	6.09"

# Motorized Roller Shades

MOTORIZED ROLLER SHADES



— **MOTORIZED ROLLER SHADE** —  
**ST30 DC MOTOR (RTS) / LT30 DC MOTOR (RTS)**



**STANDARD COMPONENTS:**

1. Fabric
2. 1 1/2" Aluminum Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Motor, ST30 / LT30
5. Power Cord
6. Motor Side Bracket
7. End Plug
8. End Plug Bracket

**OPTIONAL COMPONENTS:**

- Fabric Covered Bottom Bar
- Transformer

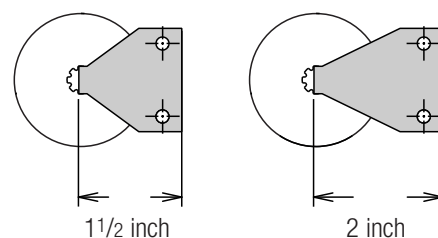
**TRANSFORMER DIMENSIONS:**

MOTOR MODEL	OUTPUT	INPUT	HEIGHT	LENGTH	WIDTH
ST30	24V-1.125A	AC 100-240V ~ 50/60Hz 0.7A	1.25"	3.75"	2.0"
ST30	24V-10A	AC 100-240V ~ 50/60Hz 3.5A	4.0"	4.9375"	4.9375"
ST30	24V-5A (On Switch)	AC 100-120V ~ 50/60Hz 3.3A	4.0"	4.9375"	2.5625"
		AC 200-240V ~ 50/60Hz 2.0A	4.0"	4.9375"	2.5625"
LT30	12V-2A	90-125V ~ 47-62Hz 0.6A	1.875"	3.25"	1.1875"

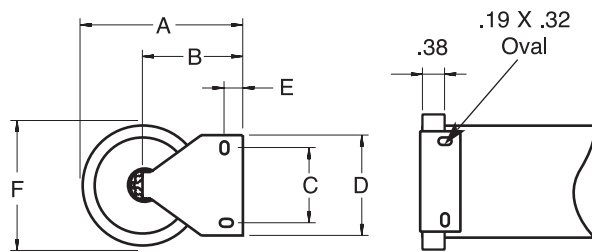
**SHADE SIZES & WEIGHTS:**

MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
ST30	20" – 72"	12" – 96"	12 lbs.
LT30	20" – 72"	12" – 96"	10 lbs.

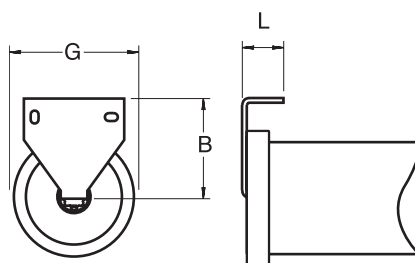
**BRACKET PROJECTIONS:**



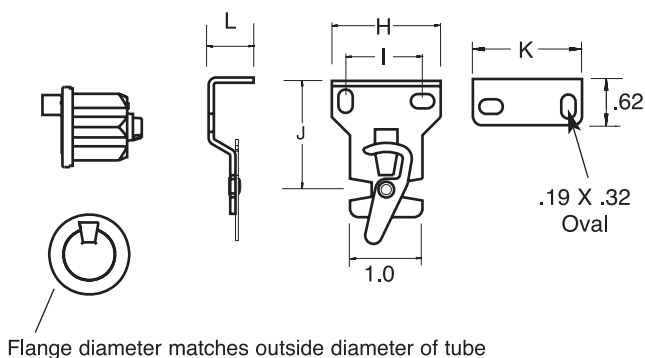
— COMPONENT DIMENSIONS —



**Outside & Inside Mount**



**Ceiling Mount**



**End Plug and Bracket with Retainer**

**COMPONENT DIMENSIONS:**

MOTOR MODEL	BRACKET MODEL	A	B	C	D	E	F	G	H	I	J	K	L
ST30 LT30	1 1/2" Projection	2.48"	1.5"	1.06"	1.5"	0.28"	1.95"	1.95"	1.5"	1.125"	1.5"	1.5"	0.62"
	2" Projection	2.98"	2.0"	1.06"	1.5"	0.28"	1.95"	1.95"	1.5"	1.125"	2.0"	1.5"	0.62"

**— MOTORIZED ROLLER SHADE —**  
**ST50 MOTOR (RTS) / ST50 MOTOR (STANDARD) / LS40 MOTOR (STANDARD) /**  
**LT525 MOTOR (RTS) / LT525 MOTOR (STANDARD)**

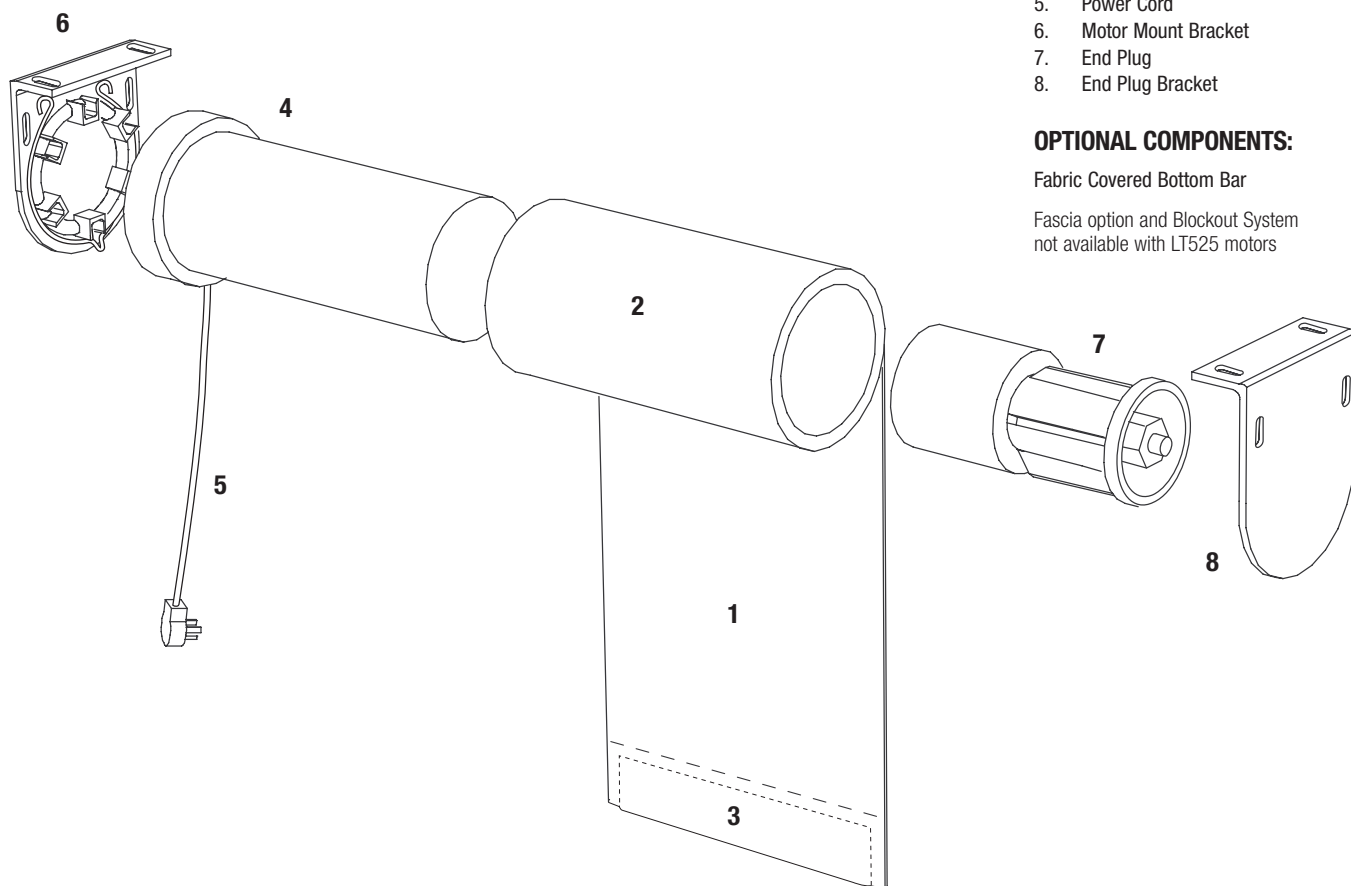
**STANDARD COMPONENTS:**

1. Fabric
2. 2" and 3" Heavy-Duty Aluminum Roller Tube
3. 2" Sealed Pocket Hem Bar
4. ST50 Motor
5. Power Cord
6. Motor Mount Bracket
7. End Plug
8. End Plug Bracket

**OPTIONAL COMPONENTS:**

Fabric Covered Bottom Bar

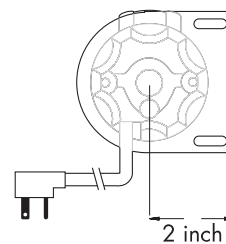
Fascia option and Blockout System not available with LT525 motors



**SHADE SIZES & WEIGHTS:**

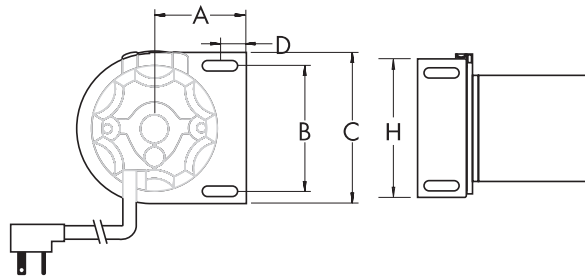
MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
<b>ST50 RTS</b>	45" – 156"	12" – 144"	24 lbs.
<b>ST50 Std</b>	45" – 156"	12" – 144"	24 lbs.
<b>LS40 Std</b>	26" – 44 <sup>7</sup> / <sub>8</sub> "	12" – 144"	20 lbs.
<b>LT525 RTS</b>	156 <sup>1</sup> / <sub>8</sub> " – 192"	12" – 144"	35 lbs.
<b>LT525 Std</b>	156 <sup>1</sup> / <sub>8</sub> " – 192"	12" – 144"	35 lbs.

**BRACKET PROJECTIONS:**

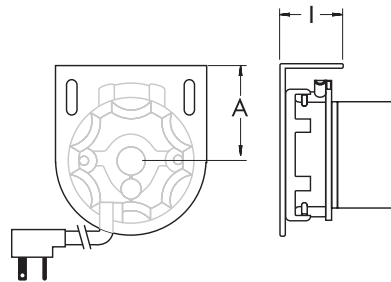




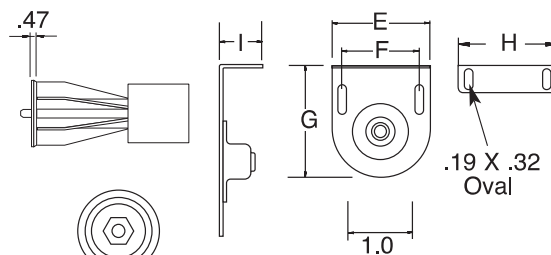
— COMPONENT DIMENSIONS —



**Outside & Inside Mount**



**Ceiling Mount**

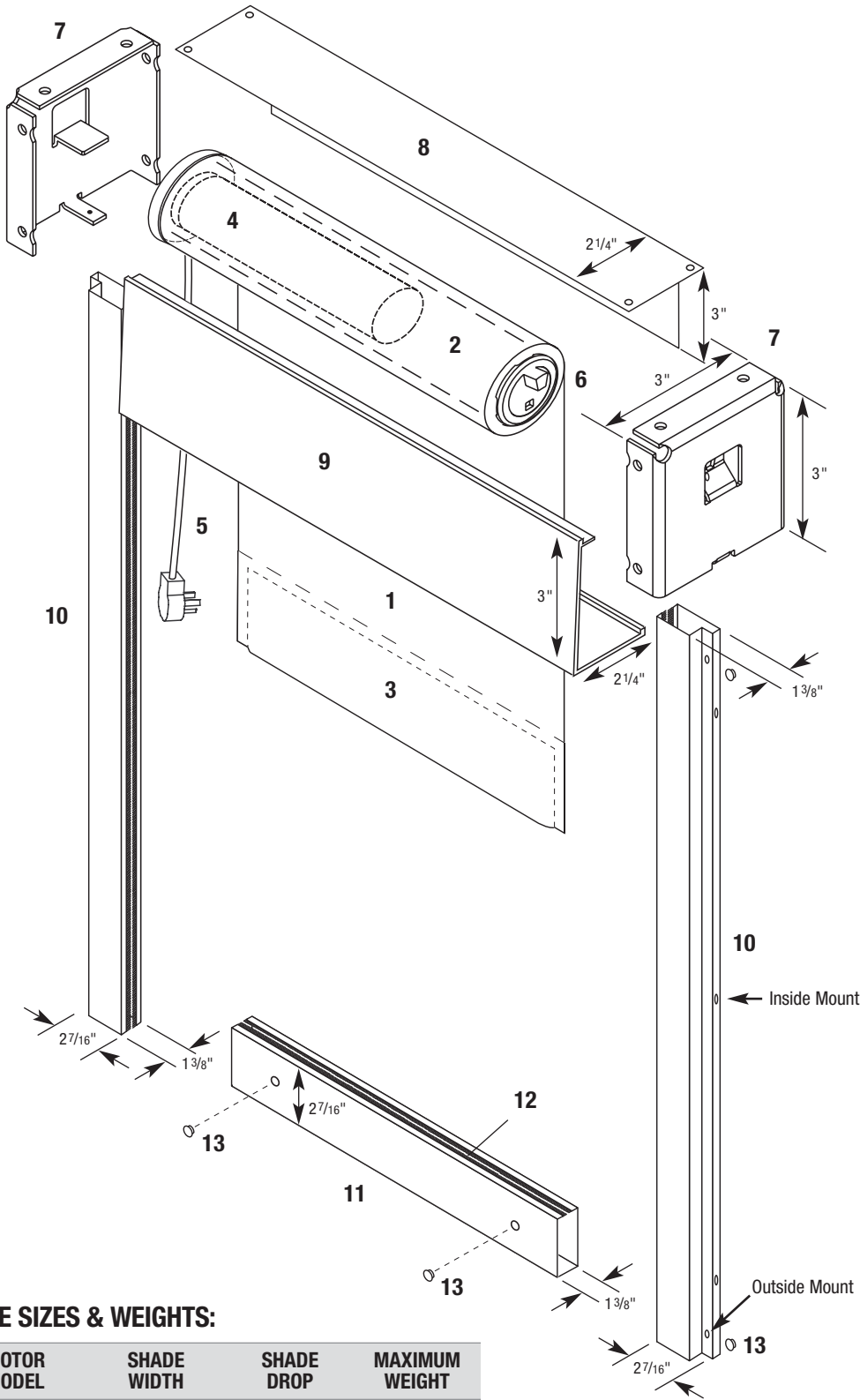


**End Plug and Bracket with Retainer**

**COMPONENT DIMENSIONS:**

MOTOR MODEL	BRACKET MODEL	A	B	C	D	E	F	G	H	I
ST50 RTS	2 1/8" Projection	2.12"	2 3/8"	3 1/8"	1 1/8"	3 1/8"	2 3/8"	3 3/4"	3 1/8"	1 3/8"
ST50 Std	2 1/8" Projection	2.12"	2 3/8"	3 1/8"	1 1/8"	3 1/8"	2 3/8"	3 3/4"	3 1/8"	1 3/8"
LS40 Std	2 1/8" Projection	2.12"	2 3/8"	3 1/8"	1 1/8"	3 1/8"	2 3/8"	3 3/4"	3 1/8"	1 3/8"
LT525 RTS	2 1/8" Projection	2.12"	2 3/8"	3 1/8"	1 1/8"	3 1/8"	2 3/8"	3 3/4"	3 1/8"	1 3/8"
LT525 Std	2 1/8" Projection	2.12"	2 3/8"	3 1/8"	1 1/8"	3 1/8"	2 3/8"	3 3/4"	3 1/8"	1 3/8"

**MOTORIZED ROLLER SHADE WITH 3" FASCIA, TOP COVER & BLOCKOUT SYSTEM — ST30 DC MOTOR (RTS) / LT30 DC MOTOR (RTS)**



**STANDARD COMPONENTS:**

1. Fabric
2. 1 1/2" Aluminum Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Motor, ST30 / LT30
5. Power Cord
6. End Plug
7. 3" Fascia Brackets
8. 3" Top/Back Fascia – 3" h x 2 1/4" d
9. 3" Front Fascia – 3" h x 2 1/4" d
10. Side Channels – 27/16" w x 1 3/8" d
11. Bottom Channel – 27/16" h x 1 3/8" d
12. Wool Pile
13. Mounting Hole Plugs (outside mount only)

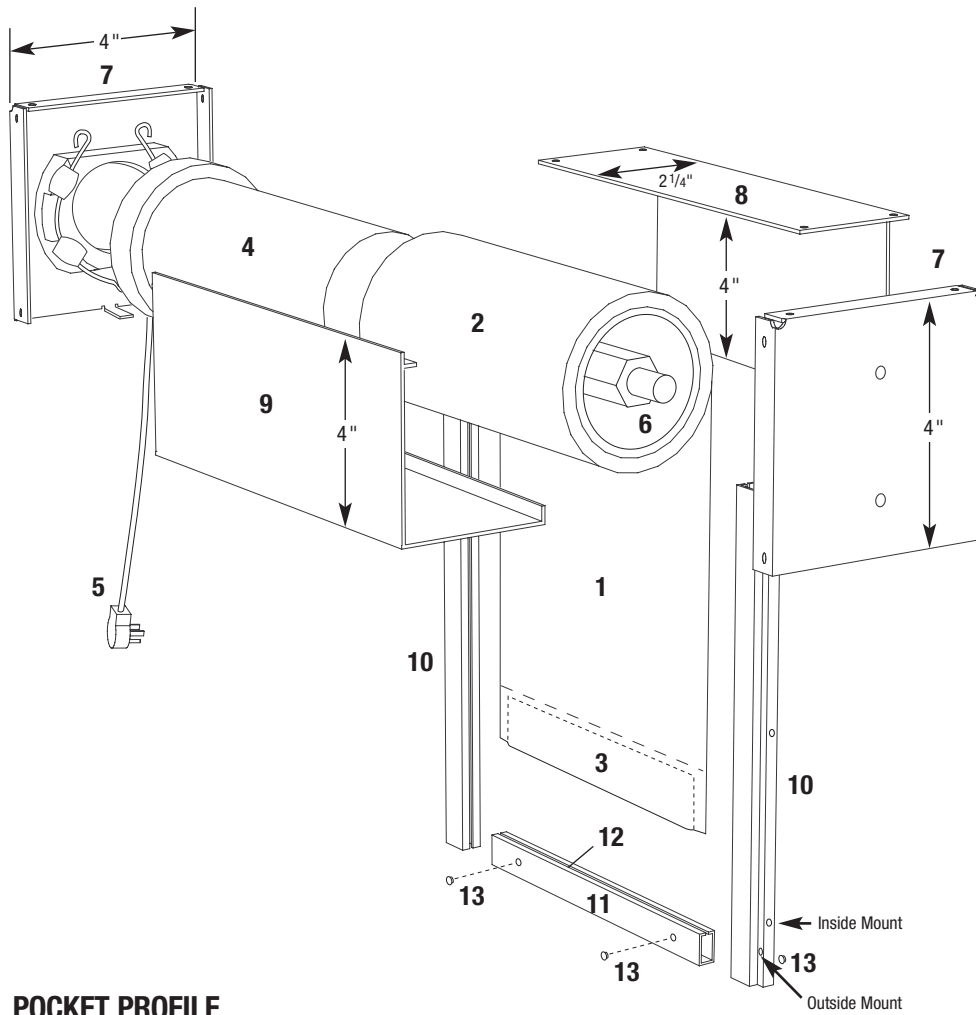
**FASCIA & BRACKET COLORS:**

- Vanilla • White • Bronze
  - Anodized • Black
- (See page 4-2 for color chart.)

**SHADE SIZES & WEIGHTS:**

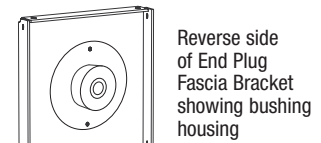
MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
ST30	20" – 72"	12" – 72"	12 lbs.
LT30	20" – 72"	12" – 72"	10 lbs.

**— MOTORIZED ROLLER SHADE WITH 4" FASCIA, TOP COVER & BLOCKOUT SYSTEM —  
ST50 MOTOR (RTS) / ST50 MOTOR (STANDARD)**



**STANDARD COMPONENTS:**

1. Fabric
2. 2" Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Motor
5. Power Cord
6. End Plug
7. 4" Fascia Brackets
8. 4" Top/Back Fascia – 4" h x 2 3/4" d
9. 4" Front Fascia – 4" h x 2 3/4" d
10. Side Channels – 2 7/16" w x 1 3/8" d
11. Bottom Channel – 2 7/16" h x 1 3/8" d
12. Wool Pile
15. Mounting Hole Plugs (outside mount only)



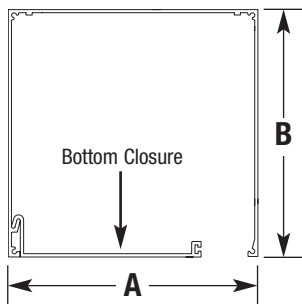
**FASCIA & BRACKET COLORS:**

- Vanilla • White • Bronze
  - Anodized • Black
- (See page 4-2 for color chart.)

**OPTIONAL COMPONENTS:**

- 4" Pocket Profile

**POCKET PROFILE**



**POCKET DIMENSIONS:**

POCKET SIZE	WIDTH A	HEIGHT B
4"	4.52"	4.09"
5"	4.75"	4.75"
6"	6.52"	6.09"

**SHADE SIZES & WEIGHTS:**

MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE 4" FASCIA	MAXIMUM ROLL-UP DIAMETER*
<b>ST50 RTS</b>	45" – 120"	12" – 144"	24 lbs.	2"	3 7/8"
<b>ST50 Std</b>	45" – 120"	12" – 144"	24 lbs.	2"	3 7/8"

\* Roll-up diameter varies with the thickness of the fabric and tube diameter. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

## MOTORS

### Standard Motors

Maintenance-free and permanently lubricated. Features overheating protection, sturdy electrical and mechanical design. Electromagnetic disk brake for a smooth and accurate stop without slippage.

MODEL	MINIMUM WIDTH
<b>LS40</b>	26"
<b>ST50</b>	45"
<b>LT525</b>	156"

### RTS Motors

With the RTS motor, the end user can have wireless control over any motorized window covering via a radio remote control or an RTS wall switch within a range of up to 90 feet in open space and up to 65 feet through two concrete walls.

MODEL	MINIMUM WIDTH
<b>ST30 (DC)</b>	20"
<b>LT30 (DC)</b>	20"
<b>ST50 RTS</b>	45"
<b>LT525 RTS</b>	156"

## CONTROLS

MODEL	DESCRIPTION
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### AC CONTROLS – PLUG & PLAY BOXES



**RP60ABMH-SINGLE**  
(2170000015)

60 Channel Control in "Plug & Play" box for a single AC motor. Kit includes male plug for motor attachment.

**L: 5.5" W: 3.25" H: 2.0"**



**RP60ABMH2-DOUBLE**  
(2170000016)

60 Channel Control in "Plug & Play" box for two AC motors.

**L: 5.5" W: 3.25" H: 2.0"**

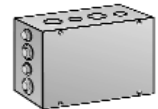
### AC CONTROLS – INDIVIDUAL – GROUP CONTROL MOUNTED IN ENCLOSURE



**ISO4B**  
(2170000021)

ISO4B allows user to switch up to 4 AC motors from any switched source. Can be coupled to accommodate up to 8 AC motors. Customized panels available for additional motors.

**L: 8.0" W: 8.0" H: 4.0"**



**GCS II**

Permits low voltage control of up to 4 motors with one or more switches, from one or more locations.

**L: 8.0" W: 10" D: 4.0"**

## DC TRANSFORMERS

MODEL	DESCRIPTION
-------	-------------



**ST30 DC TRANSFORMER**

Whenever DC motors or controls are specified, DC transformers must accompany them.

- 2.5 amp 24 (1 motor)
- 5.0 amp 24 (2 motor)
- 10 amp 24 (4 motor)





**LT30 DC TRANSFORMER**








- 1.25 amp 12 (1 motor)
- 4.16 amp 12 (2 motor)

— MOTORIZATION COMPONENTS —

**POWER CORDS**

	MODEL	DESCRIPTION
	<b>PC6 / PC8 / PC20</b> (2170000161) 6FT (2170000162) 10FT (2170000163) 20FT	Right angle AC power cord, white, 6, 10, 20 ft. IEC for direct connection to RP60ABMH and RP60ABMH2 series of "Plug & Play" motor controls.
	<b>LT CABLE</b>	Available with 3-wire (RTS) or 4-wire (Standard) and with plug attached. Sizes: 3 ft., 6 ft., 12 ft. and 24 ft.

**SWITCHES**



	MODEL	DESCRIPTION
	<b>RP BUS KEYPAD K6ST</b> (2170000080)	Keypad (Wall Switch) for operating RPs or RQs on channels 1 through 6. System programming unavailable.
	<b>RP BUS KEYPAD K24ST</b> (2170000079)	Keypad (Wall Switch) for operating RPs or RQs on channels 1 through 24 and ALL. Fully functional programming available.
	<b>DIGITAL KEYPAD</b>	Keypads are a simple and efficient method to deliver wall mounted control solution for multiple motors.
	<b>ROCKER SWITCH</b>	Provides easy control of all types of motorized window coverings.
	<b>KEY SWITCH</b>	Protected by a tamper-proof cover that cannot be removed without inserting the key. Includes heavy duty and light models with either momentary or maintained operation.
	<b>DECORATOR PADDLE SWITCH</b>	Designed for AC motors.
	<b>DECORATOR IGC SWITCH</b>	Designed to be used with ISO4B/GCSII Controllers.

— MOTORIZATION COMPONENTS —



**SWITCHES – RTS**

MODEL	DESCRIPTION
 <p><b>RTS SWITCH</b></p>	<p>The Decora RTS Switch (single or four channel) is a wireless radio transmitter.</p> <p><b>L: 4.5" W: 2.75" D: 1.25"</b></p>


**REMOTE TRANSMITTERS**

MODEL	DESCRIPTION
 <p><b>T6S DUAL 433</b> (217000055)</p>	<p>IR &amp; RF Transmitter for operating RPs or RQs on channels 1 through 6.</p>
 <p><b>T24S DUAL 433</b> (217000054)</p>	<p>IR &amp; RF Transmitter for operating and programming RPs or RQs on channels 1 through 24.</p>

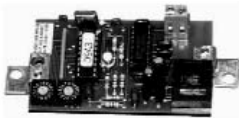
**IR RECEIVING EYE**

MODEL	DESCRIPTION
 <p><b>RE-6S</b> (217000097)</p>	<p>IR Receiver Eye on 6 ft. modular cable.</p>
 <p><b>REB V2</b> (2170000100)</p>	<p>IR Receiver Eye in white, wall mount case. Modern styling and construction.</p> <p><b>L: 2.1" W: 1.75" H: 1.1"</b></p>






**RF RECEIVER**

MODEL	DESCRIPTION
 <p><b>RR433 V2</b> (217000095)</p>	<p>433MHz Radio Receiver module complete with white plastic enclosure and external antenna. Programmable pairing up to 5 transmitters.</p> <p><b>L: 3.8" W: 3.8"</b></p>

**RTS INTERFACE**

MODEL	DESCRIPTION
 <p><b>RS232</b></p>	<p>Connect to any PC, home automation or lighting system.</p> <p><b>L: 1.75" W: 3.0"</b></p>

— MOTORIZATION COMPONENTS —

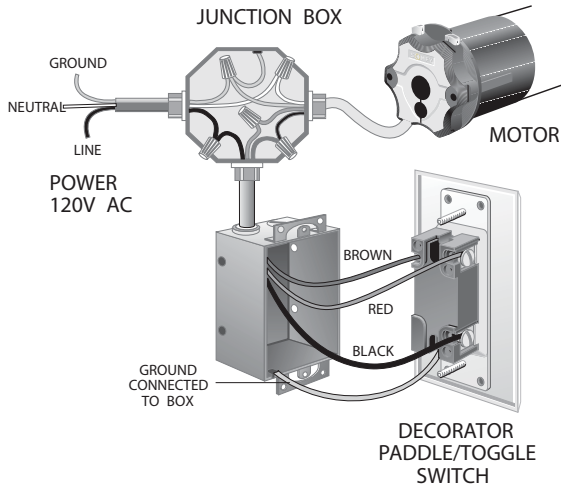
SENSORS		
	MODEL	DESCRIPTION
	<b>LISEN INT V2</b> (2170000120)	Sun sensor installed in an interior box. <b>L: 2.1" W: 1.75" H: 1.1"</b>
	<b>PSSW</b> (2170000125)	Programmable Switch Sun and Wind Sensor control unit.
	<b>TIMER</b>	Wireless digital timer compatible with all RTS motors. Includes built-in Sun Sensor. <b>L: 3.125" W: 3.125" H: 1"</b>
PLUGS		
	MODEL	DESCRIPTION
	<b>MPS</b> (2170000156)	AC Motor Plug Set. Two part set for use as a 4-wire disconnect of AC motors. <b>L: 4.25"</b>
	<b>WEP</b> (2170000176)	Wall Entry Plate. Kit comes complete with: single gang cover plate – grey (white optional) with two screws. 90° 4-conductor UL plug, male plug for motor wire, tool (not required to assemble) and strain relief.

Motorized Roller Shades may also be installed as dual (2 shades per window) or banded (1 motor controlling 2 or more shades coupled together on one tube).

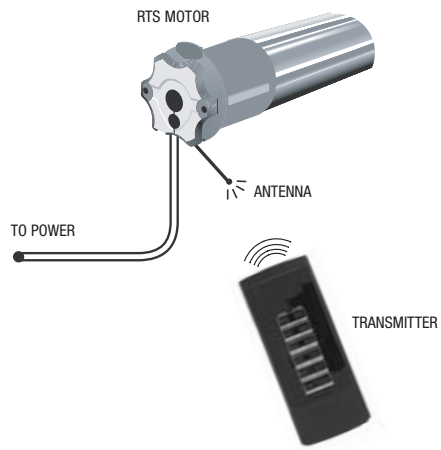
Customization available for AC controls and sun and wind variables.  
Contact Hunter Douglas Contract for assistance.

— WIRING DIAGRAMS —

**LS40 / ST50 / LT525 STANDARD**



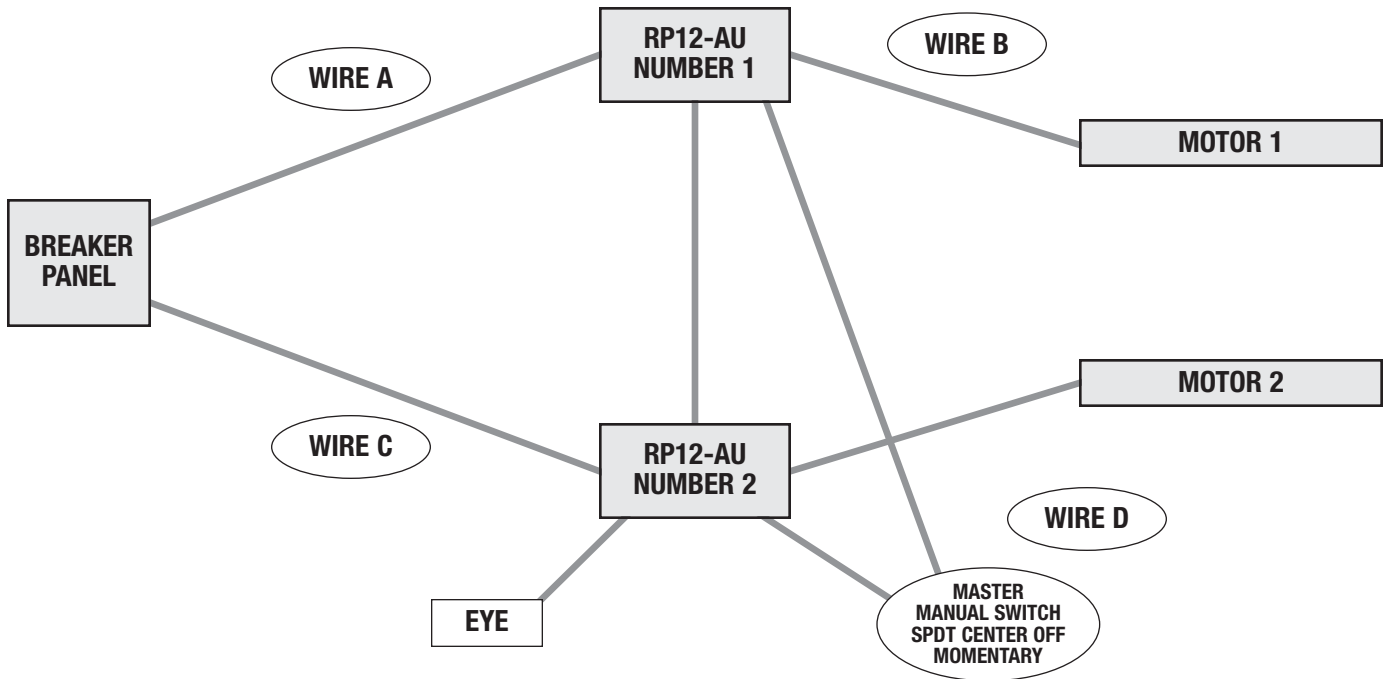
**LT525 / ST50 RTS**



**ST30 / LT30 RTS**



**GENERAL WIRING AC RECEIVERS**





— **MOTORIZATION COMPONENTS & MOTOR COMPATIBILITY CHART** —

MOTORIZATION COMPONENT	AVAILABLE MOTORS						
	LS40 STD	ST50 STD	LT525 STD	ST30 DC	LT30 DC	ST50 RTS	LT525 RTS
<b>RP60ABMH</b> – Plug & play control box – single motor	●	●	●				
<b>RP60ABMH2</b> – Plug & play control box – two motors	●	●	●				
<b>ISO4B</b> – Enclosed control to switch up to 4 motors	●	●	●				
<b>GCS II</b> – Group control of up to 4 motors	●	●	●				
<b>DC TRANSFORMER</b> – All DC motors & controls require transformers				●	●		
<b>PC6 / PC8 / PC20</b> – AC power cord	●	●	●				
<b>LT CABLE</b> – Power cord with 3 or 4 wire & plug attached	●	●	●				
<b>RP BUS K6ST</b> – Wall switch for operating RPs/RQs channels 1-6	●	●	●				
<b>RP BUS K24ST</b> – Wall switch for operating RPs/RQs channels 1-24	●	●	●				
<b>DIGITAL KEYPAD</b> – Indoor or outdoor security switch	●	●	●				
<b>ROCKER SWITCH</b> – Fingertip control with Up, Down and Center Stop	●	●	●				
<b>KEY SWITCH</b> – Momentary or maintained operation security switch	●	●	●				
<b>DECORATOR PADDLE SWITCH</b> – Designed for AC motors	●	●	●				
<b>DECORATOR IGC SWITCH</b> – To be used with ISO4B/GCSII	●	●	●				
<b>RTS SWITCH</b> – Single or four channel wireless radio transmitter				●	●	●	●
<b>T6S DUAL 433</b> – Remote transmitter operating RPs/RQs channels 1-6	●	●	●				
<b>T24S DUAL 433</b> – Remote transmitter operating RPs/RQs channels 1-24	●	●	●				
<b>RE-6S</b> – Infrared receiving eye on 6 ft. modular cable	●	●	●				
<b>REB V2</b> – Infrared receiving eye in a white wall mount case	●	●	●				
<b>RR433 V2</b> – Radio receiver programmable with up to 5 transmitters	●	●	●				
<b>RS232</b> – RTS interface allows connection to PC, home automation				●	●	●	●
<b>LTSN INT V2</b> – Sun sensor installed in an interior box	●	●	●				
<b>PSSW</b> – Programmable switch sun and wind sensor control unit	●	●	●				
<b>TIMER</b> – Wireless digital timer compatible with all RTS motors				●	●	●	●
<b>MPS</b> – AC motor plug set. Used as a 4-wire disconnect of AC motors	●	●	●				
<b>WEP</b> – Wall entry plate 90° 4-conductor UL plug	●	●	●				



# Deduction Charts

DEDUCTION CHARTS



**— DEDUCTION CHARTS —**

(Ordering dimensions versus finished product dimensions.  
All deductions/additions are based on customer's IM or OM size.)

**Manual Roller Shade (Single Shade)**

<b>Clutch Model</b>	<b>Tube Plus Fabric</b>	<b>Finished Shade With Brackets</b>
<b>INSIDE MOUNT (IM)</b>		
<b>R8</b>	Ordered Width – 1 1/4"	Ordered Width – 1/8"
<b>R16</b>	Ordered Width – 1 3/8"	Ordered Width – 1/8"
<b>G40</b>	Ordered Width – 1 1/2"	Ordered Width – 1/8"
<b>R24 with Spring Assist</b>	Ordered Width – 1 1/2"	Ordered Width – 1/8"
Finished Drop	Ordered Drop	+ 1/8"
<b>OUTSIDE MOUNT (OM)</b>		
<b>R8</b>	Ordered Width – 1 1/8"	Ordered Width
<b>R16</b>	Ordered Width – 1 1/4"	Ordered Width
<b>G40</b>	Ordered Width – 1 3/8"	Ordered Width
<b>R24 with Spring Assist</b>	Ordered Width – 1 3/8"	Ordered Width
Finished Drop	Ordered Drop	+ 1/8"

**Dual Manual Roller Shade (2" Tube with Adapter)**

	<b>Standard Deduction/ Addition</b>
<b>INSIDE MOUNT (IM)</b>	
2" Tube/Fabric (Galaxy Clutch with Adapter)	Ordered Width – 1 1/4"
Finished Width	Ordered Width – 1/8"
Finished Drop	Ordered Drop
<b>OUTSIDE MOUNT (OM)</b>	
2" Tube/Fabric (Galaxy Clutch with Adapter)	Ordered Width – 1 1/8"
Finished Width	Ordered Width
Finished Drop	Ordered Drop

**— DEDUCTION CHARTS —**

(Ordering dimensions versus finished product dimensions.  
All deductions/additions are based on customer's IM or OM size.)

**3" & 4" Blockout Roller Shade** (Roller shade with Fascia and Side Channels)

	<b>Standard Deduction/ Addition</b>
<b>INSIDE MOUNT (IM)</b>	
1 1/2" Tube/Fabric (R16 Clutch only)	Ordered Width – 1 3/8"
1 1/8" Tube/Fabric (R8 Clutch only)	Ordered Width – 1 1/4"
Side Channel & Wool Pile (3" Pocket)	Ordered Width – 3 1/8"
Side Channel & Wool Pile (4" Pocket)	Ordered Width – 4 1/8"
Bottom Channel & Wool Pile	Ordered Width – 5"
Fascia	Ordered Width – 1/8"
Flat Rod (Sealed Pocket)	Ordered Width – 1"
<b>OUTSIDE MOUNT (OM)</b>	
1 1/2" Tube/Fabric (R16 Clutch only)	Ordered Width – 1 1/4"
1 1/8" Tube/Fabric (R8 Clutch only)	Ordered Width – 1 1/8"
Side Channel & Wool Pile (3" Pocket)	Ordered Width – 3 1/8"
Side Channel & Wool Pile (4" Pocket)	Ordered Width – 4 1/8"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"
Fascia	Ordered Width + 1/8"
Flat Rod (Sealed Pocket)	Ordered Width – 1"

**Manual Roller Shade with Extruded Pocket**

<b>Pocket Size</b>	<b>2" Tube Plus Fabric</b>	<b>2 1/2" Tube Plus Fabric</b>	<b>Pocket Length (2" &amp; 2 1/2" Tubes)</b>	<b>Closure Length (2" &amp; 2 1/2" Tubes)</b>
<b>INSIDE MOUNT (IM)</b>				
<b>4"</b>	Ordered Width – 1 3/4"	Ordered Width – 1 5/8"	Ordered Width – 3/8"	Ordered Width – 2 1/8"
<b>5"</b>	Ordered Width – 1 3/4"	Ordered Width – 1 5/8"	Ordered Width – 3/8"	Ordered Width – 2 1/8"
<b>6"</b>	Ordered Width – 1 3/4"	Ordered Width – 1 5/8"	Ordered Width – 3/8"	Ordered Width – 2 1/8"
<b>OUTSIDE MOUNT (OM)</b>				
<b>4"</b>	Ordered Width – 1 5/8"	Ordered Width – 1 1/2"	Ordered Width – 1/4"	Ordered Width – 2"
<b>5"</b>	Ordered Width – 1 5/8"	Ordered Width – 1 1/2"	Ordered Width – 1/4"	Ordered Width – 2"
<b>6"</b>	Ordered Width – 1 5/8"	Ordered Width – 1 1/2"	Ordered Width – 1/4"	Ordered Width – 2"

— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.  
All deductions/additions are based on customer's IM or OM size.)

**Motorized Shade (ST30 / LT30)**

MOTOR MODEL:	1 1/2" TUBE PLUS FABRIC	FINISHED WIDTH	FINISHED DROP
<b>INSIDE MOUNT (IM):</b>			
ST30	Ordered Width – 1 1/8"	Ordered Width – 1/8"	Ordered Drop
LT30	Ordered Width – 1 1/8"	Ordered Width – 1/8"	Ordered Drop
<b>OUTSIDE MOUNT (OM):</b>			
ST30	Ordered Width – 1"	Ordered Width	Ordered Drop
LT30	Ordered Width – 1"	Ordered Width	Ordered Drop

**Motorized Shade (ST50 / LS40)**

MOTOR MODEL:	2" TUBE PLUS FABRIC	FINISHED WIDTH	FINISHED DROP
<b>INSIDE MOUNT (IM):</b>			
ST50	Ordered Width – 2"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
LS40	Ordered Width – 2"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
<b>OUTSIDE MOUNT (OM):</b>			
ST50	Ordered Width – 1 7/8"	Ordered Width	Ordered Drop
LS40	Ordered Width – 1 7/8"	Ordered Width	Ordered Drop

**Wide Motorized Shade (LT525 RTS / LT525 STD)**

MOTOR MODEL:	3" TUBE PLUS FABRIC	FINISHED WIDTH	FINISHED DROP
<b>INSIDE MOUNT (IM):</b>			
LT525 RTS	Ordered Width – 2 1/8"	Ordered Width – 1/8"	Ordered Drop
LT525 STD	Ordered Width – 2 1/8"	Ordered Width – 1/8"	Ordered Drop
<b>OUTSIDE MOUNT (OM):</b>			
LT525 RTS	Ordered Width – 2"	Ordered Width	Ordered Drop
LT525 STD	Ordered Width – 2"	Ordered Width	Ordered Drop

**— DEDUCTION CHARTS —**

(Ordering dimensions versus finished product dimensions.  
All deductions/additions are based on customer's IM or OM size.)

**4" / 5" Motorized Pocket Roller Shade** (Shade Width 45" to 120")

	<b>Standard Deduction/ Addition</b>
<b>INSIDE MOUNT (IM)</b>	
2" Tube	Ordered Width – 2 1/2"
Closer	Ordered Width – 2 1/8"
Pocket	Ordered Width – 3/8"
<b>OUTSIDE MOUNT (OM)</b>	
2" Tube	Ordered Width – 2 3/8"
Closer	Ordered Width – 2"
Pocket	Ordered Width – 1/4"

**5" / 6" Motorized Pocket Roller Shade** (Shade Width 45" to 192") (Thicker Fabric and Larger Width and Drop)

	<b>Standard Deduction/ Addition</b>
<b>INSIDE MOUNT (IM)</b>	
3" Tube	Ordered Width – 2 1/2"
Closer	Ordered Width – 2 1/8"
Pocket	Ordered Width – 3/8"
<b>OUTSIDE MOUNT (OM)</b>	
3" Tube	Ordered Width – 2 3/8"
Closer	Ordered Width – 2"
Pocket	Ordered Width – 1/4"

**— DEDUCTION CHARTS —**

(Ordering dimensions versus finished product dimensions.  
All deductions/additions are based on customer's IM or OM size.)

**3" Blockout Motorized Roller Shade** (Roller shade with Fascia and Side Channel)

**Standard Deduction/  
Addition**

**INSIDE MOUNT (IM)**

1 1/2" Tube/Fabric	Ordered Width – 1 1/8"
Fascia Width	Ordered Width – 1/8"
Finished Width	Ordered Width – 1/8"
Finished Drop	Ordered Drop

**OUTSIDE MOUNT (OM)**

1 1/2" Tube/Fabric	Ordered Width – 1 "
Fascia Width	Ordered Width + 1/8"
Finished Width	Ordered Width
Finished Drop	Ordered Width

**4" Blockout Motorized Roller Shade** (Roller shade with Fascia and Side Channel)

**Standard Deduction/  
Addition**

**INSIDE MOUNT (IM)**

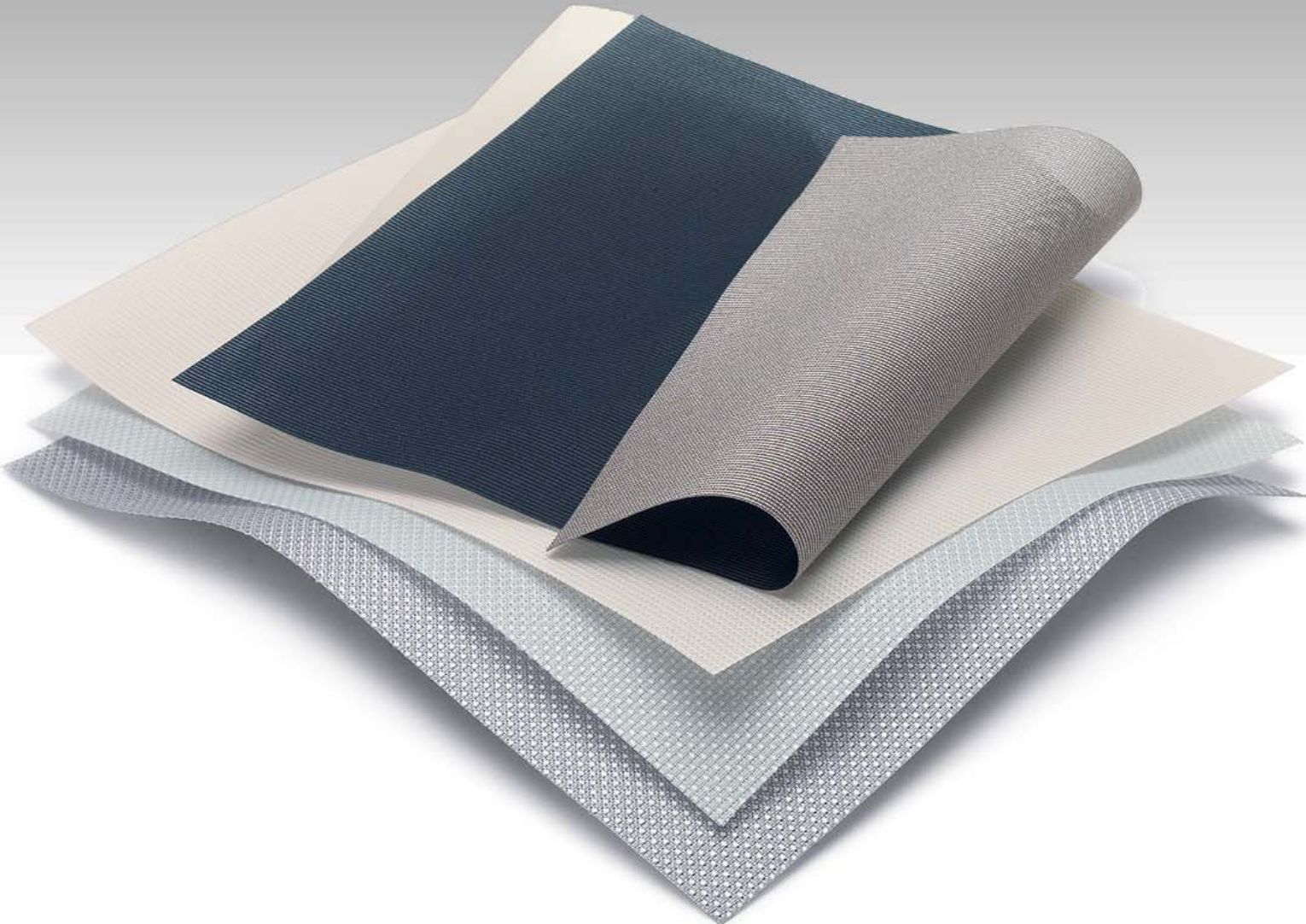
2" Tube/Fabric	Ordered Width – 2 1/8"
Side Channel & Wool Pile	Ordered Width – 4 1/8"
Bottom Channel & Wool Pile	Ordered Width – 5"
Fascia	Ordered Width – 1/8"
Flat Rod (Sealed Pocket)	Ordered Width – 1"

**OUTSIDE MOUNT (OM)**

2" Tube/Fabric	Ordered Width – 2 "
Side Channel & Wool Pile	Ordered Width – 4 1/8"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"
Fascia	Ordered Width + 1/8"
Flat Rod (Sealed Pocket)	Ordered Width – 1"



# Fabric Selector



— FABRIC COLLECTION INDEX —

FABRIC NAME	MAX. WIDTH	CONTENT	OPENNESS FACTOR	PAGE
GreenScreen Solitude	102"	61% polyester, 39% polyurethane (PVC free)	0%	4-4
GreenScreen X-Lite	118"	100% polyester (PVC free)	0%	4-5
GreenScreen Eco	118"	100% polyester (PVC free)	3%	4-6
GreenScreen Balance	94"	100% polyester (PVC free)	4%	4-7
GreenScreen Spectra	94"	100% polyester (PVC free)	10%	4-8
Flocke 11201	78"	51% acrylic, 42% fiberglass, 7% titanium oxide + cotton flocked backing	0%	4-9
Morocco	72"	100% fiberglass with vinyl laminates	0%	4-10
Pima	72"	100% cotton with vinyl coating	0%	4-11
Sheerweave 7000	94"	100% polyester with acrylic foamed backing (PVC free)	0%	4-12
Sheerweave 7100	72"	PVC coated fiberglass laminated with 2-ply 100% PVC blackout film	0%	4-13
GlacierScreen HD2001	114"	78% PVC, 22% Polyester	1%	4-14
Sheerweave 4800	96"	76% PVC on polyester, 24% polyester	1%	4-15
Fiz 12905	78"	100% woven fiberglass/ EVA coating	2%	4-16
M Screen 8503	98"	64% PVC, 36% fiberglass	3%	4-17
Sheerweave 2410	98"	65% PVC on fiberglass, 35% fiberglass	3%	4-19
Sheerweave 4400	84"	75% PVC on polyester, 25% polyester	3%	4-20
Sheerweave 4600	98"	78% vinyl on polyester, 22% polyester	3%	4-21
Sheerweave 4650	98"	83% vinyl on polyester, 17% polyester	3%	4-22
Star 2115	98"	66% PVC, 34% fiberglass	4%	4-23
E Screen 7505	98"	64% PVC, 36% fiberglass	5%	4-24
GlacierScreen HD1005	114"	78% PVC, 22% Polyester	5%	4-25
M Screen 8505	98"	64% PVC, 36% fiberglass	5%	4-26
Sheerweave 2000	96"	63% vinyl on fiberglass, 37% fiberglass	5%	4-28
Sheerweave 2390	98"	65% vinyl on fiberglass, 35% fiberglass	5%	4-29
Sheerweave 4000	98"	75% PVC on polyester, 25% polyester	5%	4-30
Sheerweave 4500	98"	83% vinyl on polyester, 17% polyester	5%	4-31
Sheerweave 4550	98"	83% vinyl on polyester, 17% polyester	5%	4-32
Sheerweave 5000	74"	72% vinyl on polyester, 28% polyester	5% – 10%	4-33
E Screen 7510	98"	64% PVC, 36% fiberglass	10%	4-34
New Orleans	98"	66% PVC, 34% fiberglass	10%	4-35
Sheerweave 2100	96"	63% vinyl on fiberglass, 37% fiberglass	10%	4-36
Sheerweave 2360	98"	63% vinyl on fiberglass, 37% fiberglass	10%	4-37
Sheerweave 4100	98"	75% PVC on polyester, 25% polyester	10%	4-38
Sheerweave 3000	72"	65% PVC on fiberglass, 35% fiberglass; 69% PVC on polyester, 31% polyester	14%	4-39
Granite	72"	65% PVC, 35% fiberglass	15%	4-41

For additional fabric specification and fenestration information, see individual fabric selector pages.

**FASCIA & BRACKET COLORS:**



— ADDITIONAL FABRIC INFORMATION —

FABRIC NAME	MIN WIDTH	MAX WIDTH	MAX HEIGHT	MAX WIDTH TURNED	MAX HEIGHT TURNED WITHOUT SEAM	MAX WIDTH RAILROAD	MAX HEIGHT RAILROAD WITH SEAM	FABRIC CAN BE SEALED (HEMBARS) Y/N
GreenScreen Solitude	12"	102"	144"	192"	88"	192"	144"	NA
GreenScreen X-Lite	12"	118"	144"	192"	104"	NA	NA	NA
GreenScreen Eco	12"	118"	144"	192"	104"	NA	NA	NA
GreenScreen Balance	12"	94"	144"	192"	80"	NA	NA	NA
GreenScreen Spectra	12"	78"	144"	192"	64"	NA	NA	NA
Flocke	12"	78"	144"	192"	64"	192"	144"	Y
Morocco	12"	72"	144"	192"	58"	192"	144"	Y
Pima	12"	72"	144"	NA	NA	NA	NA	NA
Sheerweave 7000	12"	94"	144"	192"	80"	192"	144"	Y
Sheerweave 7100	12"	72"	144"	192"	58"	192"	144"	Y
GlacierScreen HD2001	12"	114"	144"	192"	100"	NA	NA	NA
Sheerweave 4800	12"	96"	144"	144"	82"	144"	144"	Y
Fiz	12"	118"	144"	192"	104"	192"	144"	NA
M Screen 8503	12"	98"	144"	192"	84"	192"	144"	Y
Sheerweave 2410	12"	98"	144"	192"	84"	192"	144"	Y
Sheerweave 4400	12"	84"	144"	144"	70"	144"	144"	Y
Sheerweave 4600	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 4650	12"	98"	144"	144"	84"	144"	144"	Y
Star 2115	12"	98"	144"	192"	84"	192"	144"	Y
E Screen 7505	12"	98"	144"	192"	84"	192"	144"	Y
GlacierScreen HD1005	12"	114"	144"	192"	100"	NA	NA	NA
M Screen 8505	12"	98"	144"	192"	84"	192"	144"	Y
Sheerweave 2000	12"	96"	144"	192"	82"	192"	144"	Y
Sheerweave 2390	12"	98"	144"	192"	84"	192"	144"	Y
Sheerweave 4000	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 4500	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 4550	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 5000	12"	74"	144"	NA	60"	192"	144"	Y
E Screen 7510	12"	98"	144"	192"	84"	192"	144"	Y
New Orleans	12"	98"	144"	192"	84"	192"	144"	Y
Sheerweave 2100	12"	96"	144"	192"	82"	192"	144"	Y
Sheerweave 2360	12"	98"	144"	192"	84"	192"	144"	Y
Sheerweave 4100	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 3000	12"	96"	144"	192"	82"	192"	144"	Y
Granite	12"	72"	144"	192"	58"	192"	144"	Y

**Note:** The digital colors throughout this catalog may vary from the actual material. Call 800-727-8953 for fabric samples.

The fenestration data provided in this fabric selector are derived from information provided by Hunter Douglas's vendors and/or testing conducted by Hunter Douglas or its vendors. Test methods used are intended to demonstrate the qualities and performance of the specific fabric samples tested, and the data may not reflect or predict the qualities or performance of the fabrics under actual conditions. In addition, tests may not have been conducted by certified or governmentally approved testing facilities and, accordingly, the results may vary from those that would be obtained at such certified or approved facilities. Hunter Douglas assumes no liability to its customer or any other person or entity whatsoever arising out of any loss or damage suffered or sustained, or for any amounts required to be paid, as a result of the performance (or nonperformance) of the fabric under actual conditions.

# GreenScreen Solitude | 0% openness



## Specifications

MAX. FABRIC WIDTH: 102"  
 ROLL LENGTH: 27.3 yd  
 FABRIC WEIGHT: 7.96 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.011"

OPENNESS FACTOR: 0%  
 COMPOSITION: 61% Polyester, 39% Polyurethane (PVC free)  
 FIRE CLASSIFICATION: NFPA 701-99 (small scale)

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
	TS	RS	AS	Tuv	Tv	O-F	1/8 CL	1/4 CL	1/4 HA
White	0	62	38	0	0	0	0.32	0.32	0.31
Birch	0	64	36	0	0	0	0.31	0.31	0.30
Sand	0	63	37	0	0	0	0.31	0.32	0.31
Wheat	0	61	39	0	0	0	0.33	0.33	0.31
Mushroom	0	63	37	0	0	0	0.31	0.32	0.31
Canyon	0	64	36	0	0	0	0.31	0.31	0.30
Graphite	0	62	38	0	0	0	0.32	0.32	0.31
Onyx	0	61	39	0	0	0	0.33	0.33	0.31

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**Tuv** Ultra-violet Transmittance  
**TV** Visual Transmittance  
**O-F** Openness Factor

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



## Specifications

MAX. FABRIC WIDTH: 118"	OPENNESS FACTOR: 0%
ROLL LENGTH: 27.3 yd	COMPOSITION: 100% Polyester (PVC free)
FABRIC WEIGHT: 8.85 oz/yd <sup>2</sup>	FIRE CLASSIFICATION: NFPA 701-99 (small scale) M1, B1
FABRIC THICKNESS: 0.015"	

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
	TS	RS	AS	Tuv	Tv	O-F	1/8CL	1/4CL	1/4HA
White	0	61	38	0	0	0	0.32	0.32	0.31
Antique White	0	61	38	0	0	0	0.32	0.32	0.31
Beige	0	61	38	0	0	0	0.32	0.32	0.31
Gray	0	61	38	0	0	0	0.32	0.32	0.31
Dark Gray	0	61	38	0	0	0	0.32	0.32	0.31
Bronze	0	61	38	0	0	0	0.32	0.32	0.31
Charcoal	0	61	38	0	0	0	0.32	0.32	0.31

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**Tuv** Ultra-violet Transmittance  
**Tv** Visual Transmittance  
**O-F** Openness Factor

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.

# GreenScreen Eco | 3% openness



## Specifications

MAX. FABRIC WIDTH:	118"	OPENNESS FACTOR:	3%
ROLL LENGTH:	54.6 yd	COMPOSITION:	100% Polyester (PVC free)
FABRIC WEIGHT:	4.72 oz/yd <sup>2</sup>	FIRE CLASSIFICATION:	NFPA 701-99 (small scale)
FABRIC THICKNESS:	0.015"		

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
	TS	RS	AS	Tuv	Tv	O-F	1/8CL	1/4CL	1/4HA
White	47	44	9	15	39	3	0.57	0.55	0.44
Linen	45	42	13	14	35	4	0.58	0.56	0.44
Pearl/Linen	39	39	22	13	26	4	0.58	0.56	0.44
Pearl	39	39	22	13	27	3	0.58	0.56	0.44
Pewter	30	32	38	8	11	3	0.61	0.58	0.45
Charcoal/Bronze	24	28	48	5	7	3	0.62	0.59	0.46
Charcoal	25	29	46	6	6	3	0.62	0.59	0.46

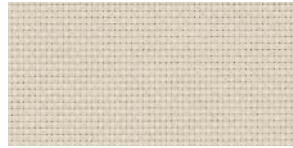
**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**Tuv** Ultra-violet Transmittance  
**TV** Visual Transmittance  
**O-F** Openness Factor  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" Heat Absorbing Glass

- 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.

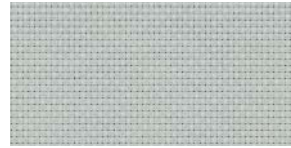
# GreenScreen Balance | 4% openness



WHITE



BEIGE



GRAY



BLUE



BRONZE



ANTHRACITE

Gray, Bronze and Anthracite are also available with metallic backing.

## Specifications

MAX. FABRIC WIDTH: 94"  
 ROLL LENGTH: 54.6 yd  
 FABRIC WEIGHT: 5.16 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.020"

OPENNESS FACTOR: 4%  
 COMPOSITION: 100% Polyester (PVC free)  
 FIRE CLASSIFICATION: NFPA 701-99 (small scale)

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
	TS	RS	AS	Tuv	Tv	O-F	1/8 CL	1/4 CL	1/4 HA
White	35	56	9	5	30	4	0.45	0.44	0.38
Beige	28	51	21	7	21	4	0.47	0.46	0.39
Gray	25	46	29	7	18	4	0.50	0.48	0.40
Blue	15	30	55	6	7	3	0.59	0.56	0.44
Bronze	13	27	60	4	5	4	0.60	0.58	0.45
Anthracite	15	29	56	4	5	3	0.59	0.57	0.44
Gray Metallic	11	36	52	*	11	6	0.53	0.51	0.41
Bronze Metallic	*	*	*	*	*	*	*	*	*
Anthracite Metallic	8	35	57	*	7	6	0.53	0.51	0.41

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**Tuv** Ultra-violet Transmittance  
**Tv** Visual Transmittance  
**O-F** Openness Factor

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



WHITE



CREAM



GRAY



ANTHRACITE

## Specifications

MAX. FABRIC WIDTH: 94"  
 ROLL LENGTH: 54.6 yd  
 FABRIC WEIGHT: 5.90 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.018"

OPENNESS FACTOR: 10%  
 COMPOSITION: 100% Polyester (PVC free)  
 FIRE CLASSIFICATION: NFPA 701-99 (small scale) M1, B1

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
	TS	RS	AS	Tuv	Tv	O-F	1/8CL	1/4CL	1/4HA
White	53	40	7	*	41	13	0.61	0.59	0.46
Cream	44	42	14	*	32	11	0.57	0.55	0.44
Gray	43	42	15	*	30	9	0.57	0.55	0.44
Anthracite	30	28	42	*	14	11	0.64	0.61	0.47

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**Tuv** Ultra-violet Transmittance  
**TV** Visual Transmittance  
**O-F** Openness Factor

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.





## Specifications

**MAX. FABRIC WIDTH:** 78"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 12.3 oz/yd<sup>2</sup> – 606, 614, 619  
 15.3 oz/yd<sup>2</sup> – 600, 623, 618, 603, 625, 626,  
 608, 609, 615  
**FABRIC THICKNESS:** 0.018" – 606, 614, 619  
 0.020" – 600, 623, 618, 603, 625, 626,  
 608, 609, 615  
**OPENNESS FACTOR:** 0% (total blackout)

**COMPOSITION:** 51% acrylic, 42% fiberglass,  
 7% titanium oxide + cotton  
 flocked backing  
**UV BLOCKAGE:** 100%  
**FIRE CLASSIFICATION:** NFPA 701 (small scale)  
 California Title 19  
**BREAKING STRENGTH:** warp 305 lbs  
 weft 197 lbs  
**STRETCH:** warp <5%  
 weft <5%

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	SINGLE		
					1/8 CL	1/4 CL	1/4 HA
BLANC	0	69	31	0	0.27	0.28	0.29
NOIR	0	68	32	0	0.28	0.28	0.29
ALL OTHER COLORS	*	*	*	*	*	*	*

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



## Specifications

**MAX. FABRIC WIDTH:** 72"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 11 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.012"  
**OPENNESS FACTOR:** 0% (room darkening)

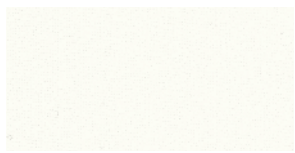
**COMPOSITION:** 100% fiberglass with vinyl laminates  
**FIRE CLASSIFICATION:** NFPA 701, CCC-C-521E (type 11 fiberglass) A-A150

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	SINGLE		
					1/8CL	1/4CL	1/4HA
ALL COLORS	*	*	*	*	*	*	*

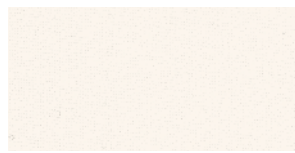
\* Test results not yet available.

**TS** Solar Transmittance **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

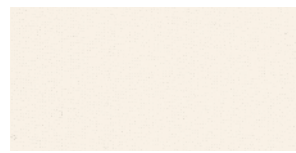
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



BRIGHT WHITE



LINEN



BAMBOO



BEACH SHELLS



BARLEY

## Specifications

MAX. FABRIC WIDTH: 72"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 6 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.010"  
 OPENNESS FACTOR: 0%

COMPOSITION: 100% cotton with vinyl coating  
 FIRE CLASSIFICATION: NFPA 701 (small scale), CCC-C-521E

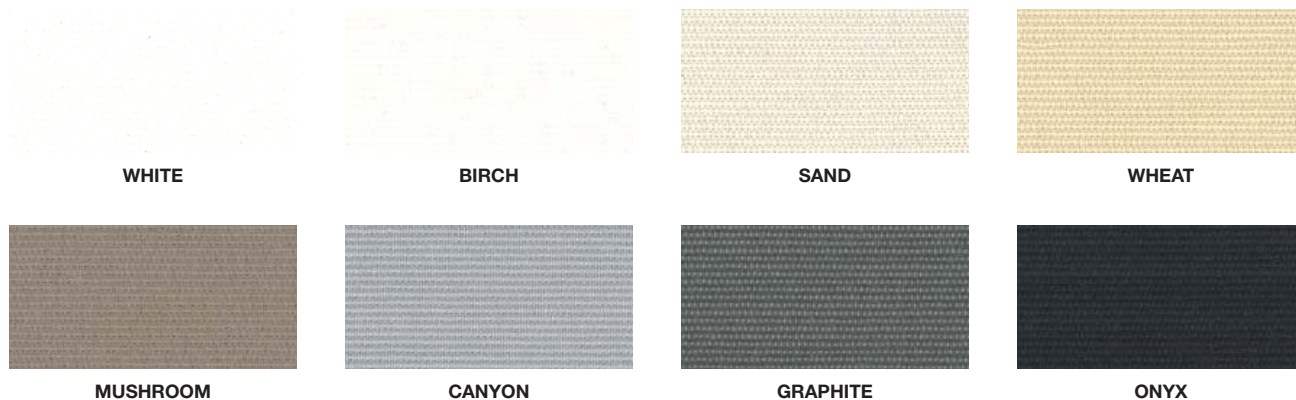
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	SINGLE		
					1/8 CL	1/4 CL	1/4 HA
ALL COLORS	*	*	*	*	*	*	*

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



## Specifications

**MAX. FABRIC WIDTH:** 94"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 10.0 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.018"  
**OPENNESS FACTOR:** 0%  
**COMPOSITION:** 100% polyester with acrylic foamed backing

**UV BLOCKAGE:** 90% – 95%  
**FIRE CLASSIFICATION:** NFPA 701-99 TM#1 (small scale), California Title 19 (small scale), British Standard  
**BREAKING STRENGTH:** warp 205 lbs  
 fill 225 lbs

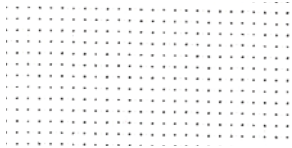
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
WHITE	0	64	36	0	0.31	0.31	0.3	*	0.3	0.24
ONYX	0	64	36	0	0.31	0.31	0.3	*	0.3	0.24
ALL OTHER COLORS	*	*	*	*	*	*	*	*	*	*

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" Heat Absorbing Glass

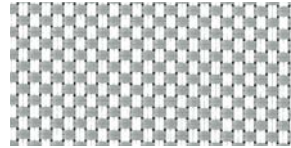
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



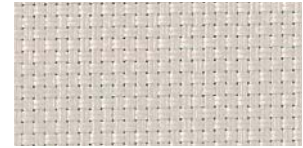
WHITE



WHITE / BONE



WHITE / PLATINUM



BONE



BONE / PLATINUM



CHARCOAL

## Specifications

**MAX. FABRIC WIDTH:** 72"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 19.8 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.023"  
**OPENNESS FACTOR:** 0%  
**COMPOSITION:** PVC coated fiberglass laminated with 2-ply 100% PVC blackout film

**FIRE CLASSIFICATION:** NFPA 701-99 TM#1, California Title 19  
**BREAKING STRENGTH:** warp 253 lbs fill 263 lbs

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
WHITE	0	71	29	0	0.25	0.26	0.28	*	0.26	0.22
CHARCOAL	0	69	31	0	0.27	0.28	0.29	*	0.28	0.23
ALL OTHER COLORS	*	*	*	*	*	*	*	*	*	*

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



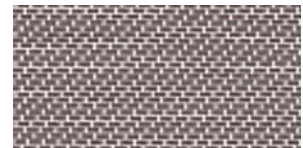
WHITE / WHITE



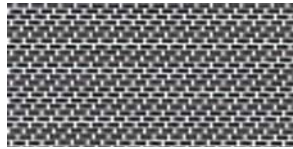
WHITE / LINEN



WHITE / SAND



WHITE / BRONZE



WHITE / BLACK

## Specifications

**MAX. FABRIC WIDTH:** 114"  
**ROLL LENGTH:** 32.8 yd  
**FABRIC WEIGHT:** 14.9 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.0268"  
**OPENNESS FACTOR:** 1%

**COMPOSITION:** 78% PVC, 22% polyester  
**FIRE CLASSIFICATION:** NFPA 701-99 (small scale),  
 Silver nano sterilization verified  
 for anti-microbial performance

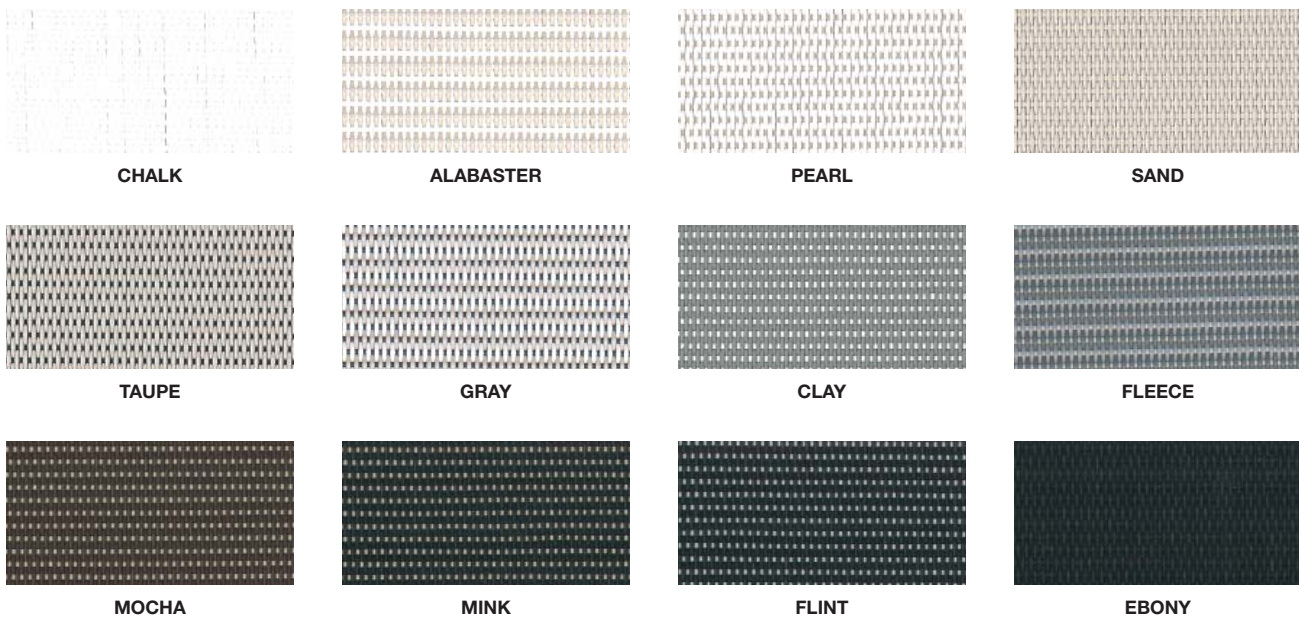
COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT WITH INSULATING			
	Ts	Rs	As	Tuv	Tv	O-F	1/8 CL	1/4 CL	1/4 HA	
WHITE / WHITE	20	64	16	1	13	< 0.5%	0.36	0.36	0.33	
WHITE / LINEN	LIGHT SIDE	18	62	20	1	12	1	0.37	0.37	0.34
	DARK SIDE	18	59	23	1	12	1	0.39	0.38	0.35
WHITE / SAND	LIGHT SIDE	14	59	27	1	8	< 0.5%	0.38	0.38	0.34
	DARK SIDE	14	47	39	1	8	< 0.5%	0.46	0.45	0.38
WHITE / BRONZE	LIGHT SIDE	7	52	41	1	5	< 0.5%	0.41	0.40	0.35
	DARK SIDE	7	29	64	1	5	< 0.5%	0.57	0.55	0.43
WHITE / BLACK	LIGHT SIDE	6	50	44	1	5	< 0.5%	0.42	0.41	0.36
	DARK SIDE	6	24	70	1	5	< 0.5%	0.60	0.58	0.45

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**Tuv** Ultra-violet Transmittance  
**TV** Visual Transmittance  
**O-F** Openness Factor

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.

# SheerWeave 4800 | 1% openness



## Specifications

**MAX. FABRIC WIDTH:** 96"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 18.5 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.036"  
**OPENNESS FACTOR:** 1%  
**COMPOSITION:** 76% PVC on polyester, 24% polyester  
**UV BLOCKAGE:** 99%

**FIRE CLASSIFICATION:** NFPA 701 (small scale)  
**BREAKING STRENGTH:** warp 400 lbs  
                                   fill 120 lbs  
**STIFFNESS:** warp 800 Mg  
                                   fill 300 Mg  
**STRETCH:** warp 1.0%, fill 3.0%  
**YARN DIAMETER:** 0.020"

COLOR	SOLAR OPTICAL PROPERTIES					SHADING COEFFICIENT WITH					
						SINGLE			INSULATING		
	TS	RS	AS	TuV	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
CHALK	8	77	15	6	< 0.5%	0.21	0.22	0.26	0.22	0.24	0.21
ALABASTER	10	62	28	4	*	0.35	0.35	0.32	0.33	0.33	0.26
PEARL	4	67	29	3	< 0.5%	0.29	0.30	0.3	0.28	0.29	0.24
SAND	1	51	48	1	< 0.5%	0.40	0.40	0.35	0.39	0.38	0.29
TAUPE	1	41	58	< 0.5%	0	0.47	0.46	0.38	0.45	0.43	0.32
GRAY	4	51	45	2	*	0.41	0.40	0.35	0.39	0.38	0.29
CLAY	< 0.5%	32	68	< 0.5%	< 0.5%	0.53	0.51	0.41	0.51	0.48	0.34
FLEECE	< 0.5%	24	76	1	< 0.5%	0.59	0.56	0.44	0.56	0.52	0.37
MOCHA	< 0.5%	12	88	1	< 0.5%	0.67	0.64	0.48	0.63	0.58	0.40
MINK	< 0.5%	7	93	< 0.5%	< 0.5%	0.70	0.67	0.49	0.66	0.61	0.42
FLINT	0	8	92	< 0.5%	0	0.70	0.66	0.49	0.65	0.60	0.41
EBONY	0	3	97	< 0.5%	< 0.5%	0.73	0.69	0.51	0.68	0.63	0.43

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TuV** Ultra-violet Transmittance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



BLANC



RIZ



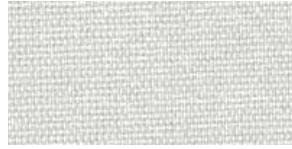
SEMOULE



CHANVRE



BEIGE



POIVRE

## Specifications

**MAX. FABRIC WIDTH:** 78"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 4.72 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.010"  
**OPENNESS FACTOR:** 2%  
**COMPOSITION:** 100% woven fiberglass / EVA coating

**UV BLOCKAGE:** 90%  
**FIRE CLASSIFICATION:** NFPA 701-99 TM#1, California Title 19  
**BREAKING STRENGTH:** warp 112 lbs  
 weft 112 lbs

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
	TS	RS	AS	T <sub>uv</sub>	T <sub>v</sub>	O-F	1/8 CL	1/4 CL	1/4 HA
Blanc	41	51	8	26	29	2	0.50	0.49	0.40
Riz	39	48	13	24	28	2	0.52	0.50	0.41
Semoule	39	50	11	23	27	2	0.51	0.49	0.40
Chanvre	39	48	13	22	27	2	0.52	0.50	0.41
Beige	35	46	19	16	24	2	0.52	0.51	0.41
Poivre	37	46	17	22	26	2	0.53	0.51	0.42

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**T<sub>uv</sub>** Ultra-violet Transmittance  
**T<sub>v</sub>** Visual Transmittance  
**O-F** Openness Factor

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



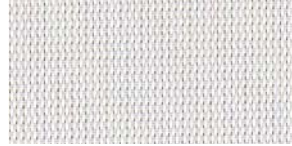
# M Screen 8503

3% openness

Fabric is also available in 5% openness (see M Screen 8505, page 4-26)



WHITE/WHITE



WHITE/LOTUS



WHITE/STONE



WHITE/LINEN



LINEN/LINEN



WHITE/SABLE



LINEN/STONE



PEARL/APRICOT



WHITE/PEARL



PEARL/LOTUS



PEARL/LINEN



PEARL/SABLE



PEARL/PEARL



LINEN/ULTRAMARINE



WHITE/CANARY



PEARL/CANARY



CHARCOAL/APRICOT



CHARCOAL/SABLE



GRAY/LOTUS



CHARCOAL/LOTUS



GRAY/HUNTER



CHARCOAL/SKY



GRAY/ULTRAMARINE



CHARCOAL/GRAY



CHARCOAL/MANDARIN



CHARCOAL/PARROT



CHARCOAL/HUNTER



CHARCOAL/ULTRAMARINE



CHARCOAL/BRONZE



CHARCOAL/CHARCOAL

See next page for M Screen 8503 fabric specifications.

# M Screen 8503 | Specifications

**MAX. FABRIC WIDTH:** 98.4"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 12.7 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.022"  
**OPENNESS FACTOR:** 3%  
**COMPOSITION:** 64% PVC, 36% fiberglass

**UV BLOCKAGE:** 97%  
**FIRE CLASSIFICATION:** NFPA 701 (small scale), California Title 19  
**BREAKING STRENGTH:** warp 231 lbs  
 fill 246 lbs  
**YARN DIAMETER:** 0.012"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA
WHITE/WHITE	17	63	20	12	0.36	0.36	0.33
WHITE/LOTUS	19	57	24	12	0.41	0.40	0.35
WHITE/STONE	*	*	*	*	*	*	*
WHITE/LINEN	14	59	27	9	0.38	0.38	0.34
LINEN/LINEN	11	55	34	7	0.40	0.39	0.35
WHITE/SABLE	19	48	33	11	0.47	0.46	0.38
LINEN/STONE	*	*	*	*	*	*	*
PEARL/APRICOT	20	39	41	11	0.54	0.52	0.42
WHITE/PEARL	14	49	37	10	0.45	0.44	0.37
PEARL/LOTUS	14	39	47	9	0.52	0.50	0.41
PEARL/LINEN	10	43	47	7	0.48	0.47	0.39
PEARL/SABLE	15	34	51	10	0.56	0.54	0.43
PEARL/PEARL	11	34	55	7	0.55	0.53	0.42
LINEN/ULTRAMARINE	6	33	61	5	0.54	0.52	0.42
WHITE/CANARY	*	*	*	*	*	*	*
PEARL/CANARY	*	*	*	*	*	*	*
CHARCOAL/APRICOT	5	14	81	4	0.67	0.64	0.48
CHARCOAL/SABLE	4	12	84	4	0.68	0.65	0.48
GRAY/LOTUS	9	27	64	6	0.59	0.57	0.44
CHARCOAL/LOTUS	5	15	80	5	0.66	0.63	0.47
GRAY/HUNTER	*	*	*	*	*	*	*
CHARCOAL/SKY	*	*	*	*	*	*	*
GRAY/ULTRAMARINE	5	15	80	4	0.66	0.63	0.47
CHARCOAL/GRAY	4	9	87	5	0.70	0.66	0.49
CHARCOAL/MANDARIN	6	13	81	4	0.68	0.65	0.48
CHARCOAL/PARROT	*	*	*	*	*	*	*
CHARCOAL/HUNTER	4	6	90	4	0.72	0.68	0.5
CHARCOAL/ULTRAMARINE	3	6	91	4	0.72	0.68	0.50
CHARCOAL/BRONZE	3	6	91	4	0.72	0.68	0.50
CHARCOAL/CHARCOAL	3	4	93	4	0.73	0.69	0.51

\* Test results not yet available.

**TS** Solar Transmittance    **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance     **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance    **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

- 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.

See previous page for M Screen 8503 fabric colors.



OYSTER



OYSTER/BEIGE



OYSTER/PEARL GRAY



BEIGE



BEIGE/PEARL GRAY



PEARL GRAY



CHARCOAL/GRAY



CHARCOAL/CHESTNUT



CHARCOAL

## Specifications

MAX. FABRIC WIDTH: 98"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 13.9 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.019"  
 OPENNESS FACTOR: 3%  
 COMPOSITION: 65% PVC on fiberglass,  
 35% fiberglass  
 UV BLOCKAGE: 97%

FIRE CLASSIFICATION: NFPA 701 (small scale), ASTM-G21 and  
 ASTM-G22 (bacterial and fungal resistance)  
 BREAKING STRENGTH: warp 255 lbs  
 fill 325 lbs  
 STIFFNESS: warp 212 Mg  
 fill 233 Mg  
 YARN DIAMETER: warp 0.011"  
 fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
OYSTER	17	64	19	12	0.35	0.35	0.33	0.33	0.33	0.26
OYSTER/BEIGE	11	55	34	8	0.40	0.39	0.35	0.38	0.37	0.28
OYSTER/PEARL GRAY	9	44	47	7	0.47	0.46	0.38	0.44	0.43	0.31
BEIGE	10	48	42	7	0.45	0.44	0.37	0.42	0.41	0.30
BEIGE/PEARL GRAY	7	39	54	5	0.50	0.49	0.40	0.47	0.45	0.33
PEARL GRAY	6	31	63	5	0.56	0.53	0.42	0.52	0.49	0.35
CHARCOAL/GRAY	3	9	88	3	0.70	0.66	0.49	0.65	0.60	0.41
CHARCOAL/CHESTNUT	3	6	91	3	0.72	0.68	0.50	0.67	0.62	0.42
CHARCOAL	3	3	94	3	0.74	0.70	0.51	0.69	0.63	0.43

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.

# SheerWeave 4400

3% openness

Fabric is also available in 5% openness (see SheerWeave 4000, page 4-30) and 10% openness (see SheerWeave 4100, page 4-38)



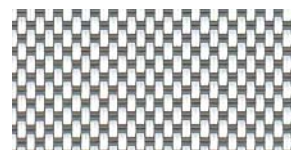
CHALK



ALABASTER



PEBBLESTONE



GRANITE



GRAYSTONE



PEWTER



ASH



TOBACCO



EBONY

## Specifications

**MAX. FABRIC WIDTH:** 84"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 20.7 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.037"  
**OPENNESS FACTOR:** 3%  
**COMPOSITION:** 75% PVC on polyester, 25% polyester  
**UV BLOCKAGE:** 97%

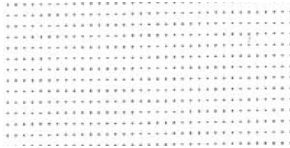
**FIRE CLASSIFICATION:** NFPA 701 (small scale)  
**BREAKING STRENGTH:** warp 340 lbs  
                                   fill 250 lbs  
**STIFFNESS:** warp 650 Mg  
                                   fill 450 Mg  
**STRETCH:** warp 1.5%, fill 4.0%  
**YARN DIAMETER:** 0.020"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
CHALK	12	70	18	7	*	0.30	0.30	*	0.16	0.15
ALABASTER	10	62	28	6	*	0.35	0.32	*	0.19	0.17
PEBBLESTONE	9	51	40	6	*	0.42	0.36	*	0.38	0.28
GRANITE	6	48	46	5	*	0.43	0.37	*	0.25	0.20
GRAYSTONE	6	39	55	5	*	0.48	0.40	*	0.44	0.32
PEWTER	3	26	71	2	*	0.56	0.44	*	0.34	0.25
ASH	3	10	87	4	*	0.66	0.49	*	0.60	0.41
TOBACCO	3	5	92	3	*	0.69	0.50	*	0.62	0.42
EBONY	3	3	94	3	*	0.70	0.51	*	0.63	0.43

\* Test results not yet available.

**TS** Solar Transmittance    **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance    **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance    **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

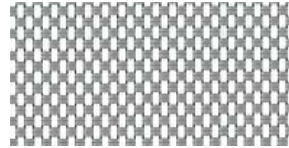
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



**CHALK**



**ECRU**



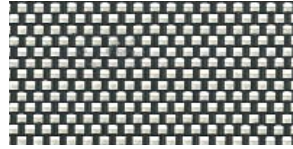
**GRANITE**



**SANDSTONE**



**GOLDEN SAND**



**SABLE**



**EBONY**

## Specifications

**MAX. FABRIC WIDTH:** 98"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 17.4 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.030"  
**OPENNESS FACTOR:** 3%  
**COMPOSITION:** 78% vinyl on polyester, 22% polyester  
**UV BLOCKAGE:** 97%

**FIRE CLASSIFICATION:** NFPA 701 (small scale)  
**BREAKING STRENGTH:** warp 183 lbs  
 fill 308 lbs  
**STIFFNESS:** warp 230 Mg  
 fill 439 Mg  
**YARN DIAMETER:** 0.020"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
CHALK	10	74	16	9	0.26	0.27	0.28	*	0.26	0.22
ECRU	7	58	35	8	0.37	0.37	0.33	*	0.34	0.27
GRANITE	5	43	52	7	0.47	0.46	0.38	*	0.43	0.31
SANDSTONE	5	39	56	6	0.50	0.48	0.40	*	0.45	0.33
GOLDEN SAND	6	37	57	7	0.51	0.50	0.40	*	0.46	0.33
SABLE	5	29	66	6	0.57	0.54	0.43	*	0.50	0.36
EBONY	3	3	94	5	0.74	0.70	0.51	*	0.63	0.43

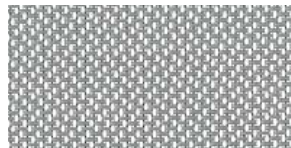
\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" Heat Absorbing Glass

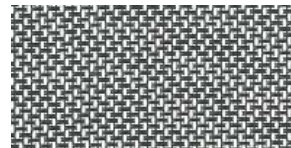
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



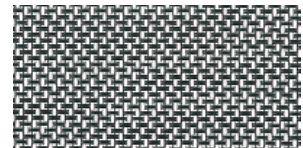
LINEN



GRANITE



CHESTNUT



COAL

## Specifications

MAX. FABRIC WIDTH: 98"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 13.3 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.026"  
 OPENNESS FACTOR: 3%  
 COMPOSITION: 83% vinyl on polyester, 17% polyester  
 UV BLOCKAGE: 97%

FIRE CLASSIFICATION: NFPA 701 (small scale)  
 BREAKING STRENGTH: warp 180 lbs.  
 fill 135 lbs.  
 STIFFNESS: warp 215 Mg  
 fill 175 Mg  
 YARN DIAMETER: 0.013"

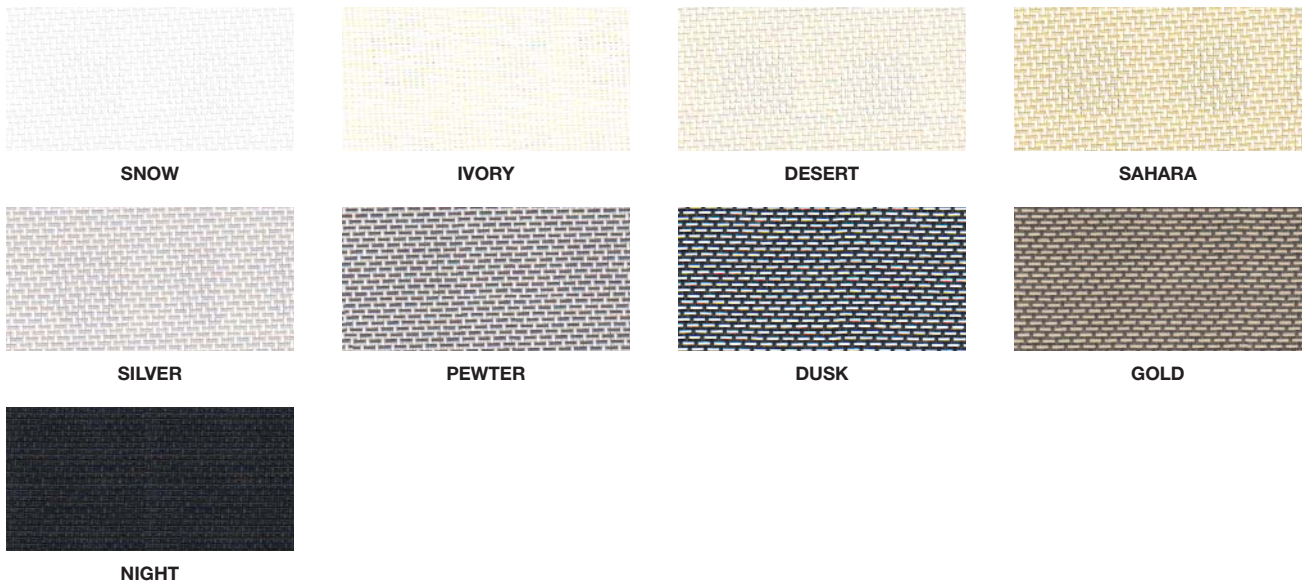
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
LINEN	7	58	35	8	0.37	0.37	0.33	*	0.35	0.27
GRANITE	6	55	39	8	0.39	0.38	0.34	*	0.36	0.28
CHESTNUT	7	48	45	8	0.44	0.43	0.37	*	0.40	0.30
COAL	5	47	48	7	0.44	0.43	0.37	*	0.40	0.30

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



### Specifications

MAX. FABRIC WIDTH:	98"	UV BLOCKAGE:	90%
ROLL LENGTH:	55 yd	FIRE CLASSIFICATION:	NFPA 701 (small scale)
FABRIC WEIGHT:	12.38 oz/yd <sup>2</sup>	BREAKING STRENGTH:	warp 190 lbs weft 110 lbs
FABRIC THICKNESS:	0.022"	STRETCH:	warp 3.6%, fill 3.4%
OPENNESS FACTOR:	4%	YARN DIAMETER:	0.001"
COMPOSITION:	66% PVC, 34% fiberglass		

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
SNOW	19	62	19	13	0.37	0.34	*	*	0.34	0.27
IVORY	20	59	21	13	0.39	0.39	0.35	*	0.36	0.28
DESERT	17	60	23	11	0.38	0.34	*	*	0.38	0.29
	17	55	28	11	0.41	0.36	*	*	0.38	0.29
SAHARA	19	56	25	12	0.41	0.41	0.36	*	0.38	0.29
	19	50	31	12	0.46	0.44	0.38	*	0.41	0.31
SILVER	13	56	31	9	0.39	0.35	*	*	0.37	0.28
	13	45	42	9	0.46	0.39	*	*	0.43	0.31
PEWTER	11	46	43	9	0.46	0.45	0.38	*	0.42	0.31
	11	26	63	9	0.60	0.58	0.45	*	0.52	0.37
DUSK	5	8	87	5	*	*	*	*	*	*
	5	24	71	5	*	*	*	*	*	*
GOLD	4	7	89	5	*	*	*	*	*	*
	4	20	76	5	*	*	*	*	*	*
NIGHT	4	4	92	4	*	*	*	*	*	*
	4	4	92	4	*	*	*	*	*	*

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



## Specifications

**MAX. FABRIC WIDTH:** 98.4"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 11.6 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.016"  
**OPENNESS FACTOR:** 5%  
**COMPOSITION:** 64% PVC, 36% fiberglass

**UV BLOCKAGE:** 95%  
**FIRE CLASSIFICATION:** NFPA 701 (small scale)  
 California Title 19  
**BREAKING STRENGTH:** warp 250 lbs  
 fill 270 lbs  
**YARN DIAMETER:** 0.012"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
WHITE/WHITE	19	61	20	12	0.38	0.37	0.34	*	*	*
WHITE/LINEN	16	56	28	9	0.40	0.40	0.35	*	*	*
LINEN/STONE	*	*	*	*	*	*	*	*	*	*
LINEN/LINEN	14	50	36	9	0.44	0.43	0.37	*	*	*
WHITE/PEARL	12	47	41	8	0.46	0.45	0.38	*	*	*
PEARL/LINEN	10	41	49	7	0.50	0.48	0.40	*	*	*
PEARL/PEARL	9	35	56	7	0.54	0.52	0.41	*	*	*
CHARCOAL/GRAY	6	9	85	5	0.71	0.67	0.49	*	*	*
CHARCOAL/BRONZE	7	7	86	6	0.72	0.68	0.50	*	*	*
CHARCOAL/CHARCOAL	6	4	90	6	0.74	0.70	0.51	*	*	*

\* Test results not yet available.

**TS** Solar Transmittance    **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance    **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance    **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

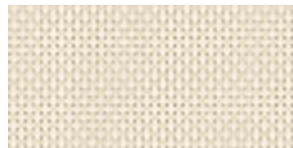
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



# GlacierScreen HD1005 | 5% openness



WHITE / WHITE



WHITE / LINEN



WHITE / SAND



WHITE / PEARL



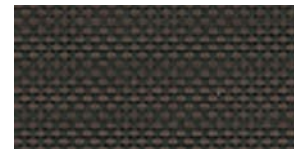
WHITE / GRAY



WHITE / BLACK



BLACK / PEARL



BLACK / BRONZE



BLACK / BLACK

## Specifications

MAX. FABRIC WIDTH: 114"  
 ROLL LENGTH: 33 yd.  
 FABRIC WEIGHT: 14.6 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.0268"

OPENNESS FACTOR: 5%  
 COMPOSITION: 78% PVC, 22% polyester  
 FIRE CLASSIFICATION: NFPA 701-99 (small scale), Silver nano sterilization verified for anti-microbial performance

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT WITH INSULATING		
	Ts	Rs	As	Tuv	Tv	O-F	1/8CL	1/4CL	1/4HA
WHITE/WHITE	23	63	14	5	18	6	0.37	0.37	0.34
WHITE/LINEN	21	60	19	5	16	5	0.39	0.39	0.35
WHITE/SAND	15	48	37	5	12	6	0.46	0.45	0.38
WHITE/PEARL	17	52	31	5	13	5	0.44	0.43	0.37
WHITE/GRAY	10	36	54	5	10	6	0.53	0.51	0.41
WHITE/BLACK	8	27	65	5	9	5	0.59	0.56	0.44
BLACK/PEARL	7	18	75	5	8	6	0.65	0.62	0.47
BLACK/BRONZE	6	6	88	5	7	5	0.73	0.69	0.50
BLACK/BLACK	6	4	90	5	7	5	0.74	0.70	0.51

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**Tuv** Ultra-violet Transmittance  
**Tv** Visual Transmittance  
**O-F** Openness Factor

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.

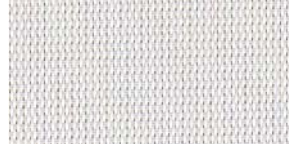
# M Screen 8505

5% openness

Fabric is also available in 3% openness (see M Screen 8503, page 4-17)



WHITE/WHITE



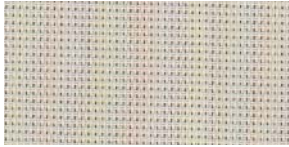
WHITE/LOTUS



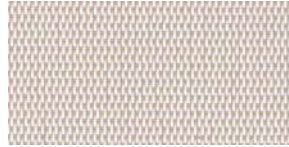
WHITE/STONE



WHITE/LINEN



LINEN/LINEN



WHITE/SABLE



LINEN/STONE



PEARL/APRICOT



WHITE/PEARL



PEARL/LOTUS



PEARL/LINEN



PEARL/SABLE



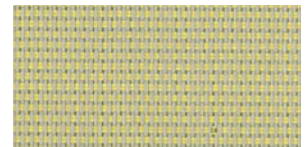
PEARL/PEARL



LINEN/ULTRAMARINE



WHITE/CANARY



PEARL/CANARY



CHARCOAL/APRICOT



CHARCOAL/SABLE



GRAY/LOTUS



CHARCOAL/LOTUS



GRAY/HUNTER



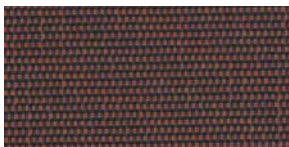
CHARCOAL/SKY



GRAY/ULTRAMARINE



CHARCOAL/GRAY



CHARCOAL/MANDARIN



CHARCOAL/PARROT



CHARCOAL/HUNTER



CHARCOAL/ULTRAMARINE



CHARCOAL/BRONZE



CHARCOAL/CHARCOAL

See next page for M Screen 8505 fabric specifications.

# M Screen 8505 | Specifications

**MAX. FABRIC WIDTH:** 98.4"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 11.9 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.022"  
**OPENNESS FACTOR:** 5%  
**COMPOSITION:** 64% PVC, 36% fiberglass

**UV BLOCKAGE:** 95%  
**FIRE CLASSIFICATION:** NFPA 701 (small scale),  
 California Title 19  
**BREAKING STRENGTH:** warp 239 lbs  
 fill 233 lbs  
**YARN DIAMETER:** 0.012"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
WHITE/WHITE	20	63	17	15	0.36	0.36	0.33
WHITE/LOTUS	21	56	23	15	0.42	0.41	0.36
WHITE/STONE	22	56	22	15	0.42	0.41	0.36
WHITE/LINEN	21	56	23	15	0.42	0.41	0.36
LINEN/LINEN	18	51	31	12	0.45	0.44	0.37
WHITE/SABLE	20	48	32	12	0.47	0.46	0.39
LINEN/STONE	23	48	29	15	0.48	0.47	0.39
PEARL/APRICOT	22	38	40	13	0.55	0.53	0.42
WHITE/PEARL	16	49	35	12	0.45	0.44	0.38
PEARL/LOTUS	18	40	42	13	0.52	0.51	0.41
PEARL/LINEN	19	40	41	13	0.53	0.51	0.41
PEARL/SABLE	18	33	49	11	0.57	0.55	0.43
PEARL/PEARL	15	35	50	11	0.55	0.53	0.42
LINEN/ULTRAMARINE	12	27	61	9	0.60	0.57	0.44
WHITE/CANARY	*	*	*	*	*	*	*
PEARL/CANARY	*	*	*	*	*	*	*
CHARCOAL/APRICOT	7	13	80	7	0.68	0.65	0.48
CHARCOAL/SABLE	7	12	81	7	0.69	0.65	0.49
GRAY/LOTUS	12	27	61	9	0.6	0.57	0.44
CHARCOAL/LOTUS	8	16	76	8	0.66	0.63	0.47
GRAY/HUNTER	8	16	76	7	0.66	0.63	0.47
CHARCOAL/SKY	*	*	*	*	*	*	*
GRAY/ULTRAMARINE	8	15	77	7	0.67	0.64	0.48
CHARCOAL/GRAY	6	10	84	7	0.70	0.66	0.49
CHARCOAL/MANDARIN	7	13	80	5	0.68	0.65	0.48
CHARCOAL/PARROT	*	*	*	*	*	*	*
CHARCOAL/HUNTER	6	7	87	7	0.72	0.68	0.50
CHARCOAL/ULTRAMARINE	6	7	87	7	0.72	0.68	0.50
CHARCOAL/BRONZE	6	7	87	7	0.72	0.68	0.50
CHARCOAL/CHARCOAL	6	5	89	7	0.73	0.69	0.51

\* Test results not yet available.

**TS** Solar Transmittance    **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance    **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance    **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

- 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.

See previous page for M Screen 8505 fabric colors.



WHITE



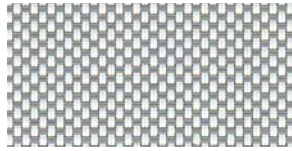
WHITE / BONE



BONE



BONE / PLATINUM



WHITE / PLATINUM



PLATINUM



BRONZE



CHARCOAL

## Specifications

**MAX. FABRIC WIDTH:** 96"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 14.26 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.019"  
**OPENNESS FACTOR:** 5%  
**COMPOSITION:** 63% vinyl on fiberglass,  
 37% fiberglass  
**UV BLOCKAGE:** 95%

**FIRE CLASSIFICATION:** California Title 19 (small scale), NFPA 701-99  
 TM#1 (small scale), NFPA 101 (Class A Rating),  
 UBC (Class I), ASTM-G21 and ASTM-G22  
 (bacterial and fungal resistance)  
**BREAKING STRENGTH:** warp 224 lbs  
 fill 200 lbs  
**STIFFNESS:** warp 137 lbs  
 fill 171 lbs  
**YARN DIAMETER:** warp 0.013"  
 fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	SINGLE		
					1/8CL	1/4CL	1/4HA
WHITE	20	67	13	16	0.33	0.34	0.32
WHITE/BONE	18	61	21	13	0.37	0.37	0.34
BONE	18	55	27	12	0.42	0.41	0.36
BONE/PLATINUM	12	43	45	10	0.49	0.47	0.39
WHITE/PLATINUM	13	49	38	11	0.45	0.44	0.37
PLATINUM	10	35	55	9	0.54	0.52	0.42
BRONZE	5	7	88	6	0.72	0.68	0.50
CHARCOAL	6	4	90	6	0.74	0.70	0.51

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



OYSTER



OYSTER / BEIGE



OYSTER / PEARL GRAY



BEIGE



BEIGE / PEARL GRAY



PEARL GRAY



CHARCOAL / GRAY



CHARCOAL / CHESTNUT



CHARCOAL

## Specifications

**MAX. FABRIC WIDTH:** 98"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 11.9 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.017"  
**OPENNESS FACTOR:** 5%  
**COMPOSITION:** 65% vinyl on fiberglass  
 35% fiberglass  
**UV BLOCKAGE:** 95%

**FIRE CLASSIFICATION:** California Title 19 (small scale), NFPA 701-99 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), ASTM-G21 and ASTM-G22 (bacterial and fungal resistance)  
**BREAKING STRENGTH:** warp 250 lbs  
 fill 235 lbs  
**STIFFNESS:** warp 190 Mg  
 fill 220 Mg  
**YARN DIAMETER:** warp 0.011"  
 fill 0.011"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
OYSTER	21	61	18	14	0.38	0.38	0.34	0.36	0.35	0.27
OYSTER/BEIGE	17	54	29	12	0.42	0.41	0.36	0.39	0.38	0.29
OYSTER/PEARL GRAY	14	45	41	10	0.48	0.46	0.39	0.45	0.43	0.32
BEIGE	14	47	39	10	0.46	0.45	0.38	0.43	0.42	0.31
BEIGE/PEARL GRAY	11	38	51	9	0.52	0.50	0.41	0.49	0.46	0.33
PEARL GRAY	10	31	59	9	0.57	0.54	0.43	0.53	0.50	0.35
CHARCOAL/GRAY	5	9	86	6	0.70	0.67	0.49	0.66	0.60	0.41
CHARCOAL/CHESTNUT	6	6	88	6	0.73	0.69	0.50	0.68	0.62	0.42
CHARCOAL	4	4	92	5	0.73	0.69	0.51	0.69	0.63	0.43

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.

# SheerWeave 4000

5% openness

Fabric is also available in 3% openness (see SheerWeave 4400, page 4-20) and 10% openness (see SheerWeave 4100, page 4-38)



CHALK



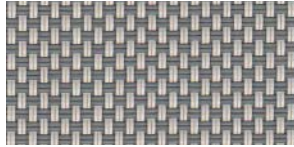
ALABASTER



PEBBLESTONE



GRANITE



GRAYSTONE



PEWTER



ASH



TOBACCO



EBONY

## Specifications

MAX. FABRIC WIDTH: 98"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 19.2 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.036"  
 OPENNESS FACTOR: 5%  
 COMPOSITION: 75% PVC on polyester  
 25% polyester  
 UV BLOCKAGE: 95%

FIRE CLASSIFICATION: NFPA 701 (small scale), ASTM-G21 and ASTM-G22 (bacterial and fungal resistance)  
 BREAKING STRENGTH: warp 315 lbs  
 fill 260 lbs  
 STIFFNESS: warp 600 Mg  
 fill 400 Mg  
 STRETCH: warp 1.0%  
 fill 7.0%  
 YARN DIAMETER: warp 0.020"  
 fill 0.020"

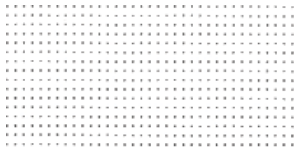
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
CHALK	16	68	16	12	*	0.32	0.31	*	0.31	0.25
ALABASTER	15	57	28	13	*	0.39	0.35	*	0.36	0.28
PEBBLESTONE	14	49	37	12	*	0.44	0.37	*	0.41	0.30
GRANITE	11	41	48	10	*	0.48	0.40	*	0.29	0.23
GRAYSTONE	10	34	56	9	*	0.52	0.42	*	0.32	0.24
PEWTER	8	27	65	9	*	0.56	0.44	*	0.51	0.36
ASH	7	11	82	8	*	0.66	0.49	*	0.41	0.30
TOBACCO	7	5	88	8	*	0.70	0.51	*	0.44	0.31
EBONY	10	4	86	11	*	0.69	0.51	*	0.63	0.43

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" Heat Absorbing Glass

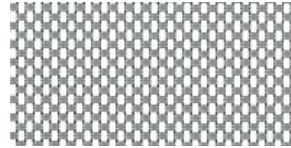
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



**CHALK**



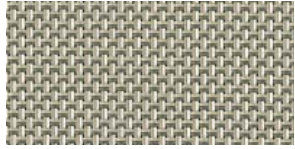
**ECRU**



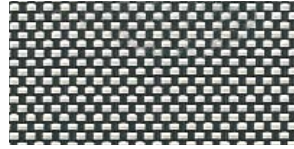
**GRANITE**



**SANDSTONE**



**GOLDEN SAND**



**SABLE**



**EBONY**

## Specifications

MAX. FABRIC WIDTH: 98"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 14.4 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.024"  
 OPENNESS FACTOR: 5%  
 COMPOSITION: 83% vinyl on polyester, 17% polyester  
 UV BLOCKAGE: 95%

FIRE CLASSIFICATION: NFPA 701 (small scale)  
 BREAKING STRENGTH: warp 181 lbs  
 fill 168 lbs  
 STIFFNESS: warp 240 Mg  
 fill 190 Mg  
 YARN DIAMETER: warp 0.013"  
 fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
CHALK	12	74	14	11	0.26	0.27	0.29	*	0.27	0.22
ECRU	9	56	35	9	0.39	0.38	0.34	*	0.38	0.28
GRANITE	6	47	47	8	0.44	0.43	0.37	*	0.41	0.30
SANDSTONE	8	40	52	9	0.50	0.48	0.40	*	0.45	0.33
GOLDEN SAND	7	37	56	8	0.52	0.50	0.40	*	0.46	0.33
SABLE	6	28	66	8	0.58	0.55	0.43	*	0.51	0.36
EBONY	5	3	92	7	0.74	0.70	0.51	*	0.63	0.43

\* Test results not yet available.

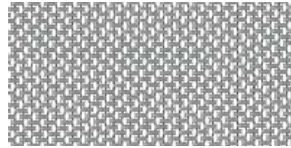
**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" Heat Absorbing Glass

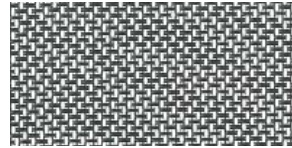
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



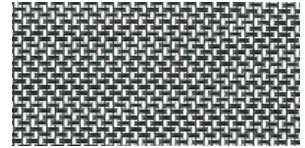
LINEN



GRANITE



CHESTNUT



COAL

### Specifications

MAX. FABRIC WIDTH: 98"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 12.5 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.025"  
 OPENNESS FACTOR: 5%  
 COMPOSITION: 83% vinyl on polyester, 17% polyester  
 UV BLOCKAGE: 95%

FIRE CLASSIFICATION: NFPA 701 (small scale)  
 BREAKING STRENGTH: warp 182 lbs  
 fill 129 lbs  
 STIFFNESS: warp 216 Mg  
 fill 159 Mg  
 YARN DIAMETER: warp 0.013"  
 fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
LINEN	9	59	32	10	0.36	0.36	0.33	*	0.34	0.27
GRANITE	7	56	37	8	0.38	0.38	0.34	*	0.36	0.28
CHESTNUT	9	48	43	11	0.44	0.43	0.37	*	0.40	0.30
COAL	8	48	44	9	0.44	0.43	0.37	*	0.40	0.30

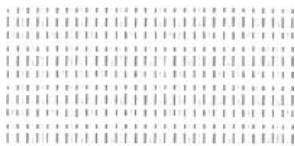
\* Test results not yet available.

**TS** Solar Transmittance **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

- 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.



# SheerWeave 5000 | 5% – 10% openness



**BAMBOO WHITEWASH**



**BAMBOO BIRCH**



**MARBLE SAND**

## Specifications

<p>MAX. FABRIC WIDTH: 74"</p> <p>ROLL LENGTH: 30 yd</p> <p>MESH: <b>See Chart Below</b></p> <p>FABRIC WEIGHT: <b>See Chart Below</b></p> <p>FABRIC THICKNESS: 0.038"</p> <p>OPENNESS FACTOR: <b>See Chart Below</b></p> <p>COMPOSITION: 72% vinyl on polyester, 28% polyester</p> <p>UV BLOCKAGE: <b>See Chart Below</b></p>	<p>FIRE CLASSIFICATION: California Title 19 (Small Scale), NFPA 701-99 TM#1 (Small and Large Scale), British Standard 5867, NFPA (Class A Rating, and UBC (Class 1)</p> <p>BREAKING STRENGTH: <b>See Chart Below</b></p> <p>STIFFNESS: <b>See Chart Below</b></p> <p>STRETCH: warp 1.0% fill 8.0%</p> <p>YARN DIAMETER: warp 0.018" fill 0.018"</p>
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COLOR	MESH (ENDS/IN.)	MESH WEIGHT	OPENNESS FACTOR	UV BLOCKAGE	BREAKING STRENGTH (LBS./IN.)	STIFFNESS (MG.)
BAMBOO WHITEWASH	42 warp 20 fill	14.5 (oz./yd <sup>2</sup> )	approx 10%	approx 90%	330 warp 180 fill	700 warp 500 fill
BAMBOO BIRCH	42 warp 20 fill	14.5 (oz./yd <sup>2</sup> )	approx 10%	approx 90%	330 warp 180 fill	700 warp 500 fill
MARBLE SAND	42 warp 20 fill	14.5 (oz./yd <sup>2</sup> )	approx 5%	approx 95%	330 warp 180 fill	700 warp 500 fill

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
BAMBOO WHITEWASH	20	65	15	17	0.35	0.35	0.33	0.33	0.33	0.26
BAMBOO BIRCH	21	59	20	18	0.40	0.39	0.35	0.37	0.36	0.28
MARBLE SAND	9	48	43	9	0.44	0.43	0.37	0.42	0.40	0.30

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance

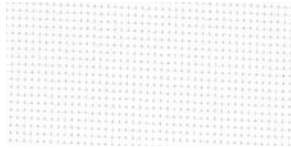
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" Heat Absorbing Glass

- 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.

# E Screen 7510

10% openness

Fabric is also available in 5% openness (see E Screen 7505, page 4-24)



WHITE / WHITE



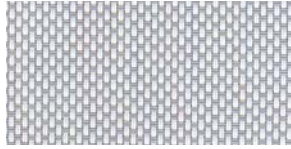
WHITE / LINEN



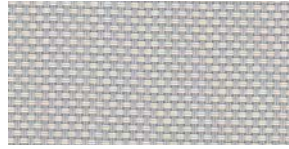
LINEN / STONE



LINEN / LINEN



WHITE / PEARL



PEARL / LINEN



PEARL / PEARL



CHARCOAL / GRAY



CHARCOAL / BRONZE



CHARCOAL / CHARCOAL

## Specifications

MAX. FABRIC WIDTH: 98.4"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 10.3 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.016"  
 OPENNESS FACTOR: 10%  
 COMPOSITION: 64% PVC, 36% fiberglass

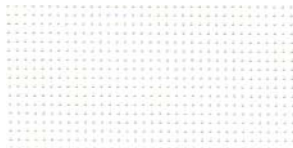
UV BLOCKAGE: 90%  
 FIRE CLASSIFICATION: NFPA 701 (small scale)  
 California Title 19  
 BREAKING STRENGTH: warp 243 lbs  
 fill 204 lbs  
 YARN DIAMETER: 0.012"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
WHITE/WHITE	23	60	17	17	0.39	0.39	0.35
WHITE/LINEN	21	56	23	16	0.42	0.41	0.36
LINEN/STONE	*	*	*	*	*	*	*
LINEN/LINEN	19	52	29	14	0.44	0.43	0.37
WHITE/PEARL	17	49	34	14	0.46	0.45	0.38
PEARL/LINEN	14	41	45	12	0.51	0.49	0.40
PEARL/PEARL	12	36	52	11	0.54	0.52	0.41
CHARCOAL/GRAY	8	8	84	9	0.72	0.68	0.50
CHARCOAL/BRONZE	8	5	87	9	0.74	0.70	0.51
CHARCOAL/CHARCOAL	8	4	88	8	0.74	0.70	0.51

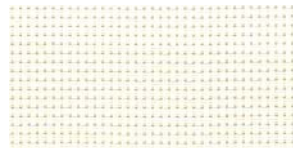
\* Test results not yet available.

**TS** Solar Transmittance    **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance    **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance    **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

- 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.



RIVERBOAT WHITE



MAGNOLIA



CHICORY



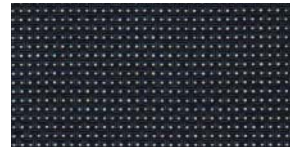
DIJON



VANILLA BELLE



ON THE WHARF



WROUGHT IRON

## Specifications

**MAX. FABRIC WIDTH:** 98"  
**ROLL LENGTH:** 55 yd  
**FABRIC WEIGHT:** 11.79 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.022"  
**OPENNESS FACTOR:** 10%  
**COMPOSITION:** 66% PVC, 34% fiberglass

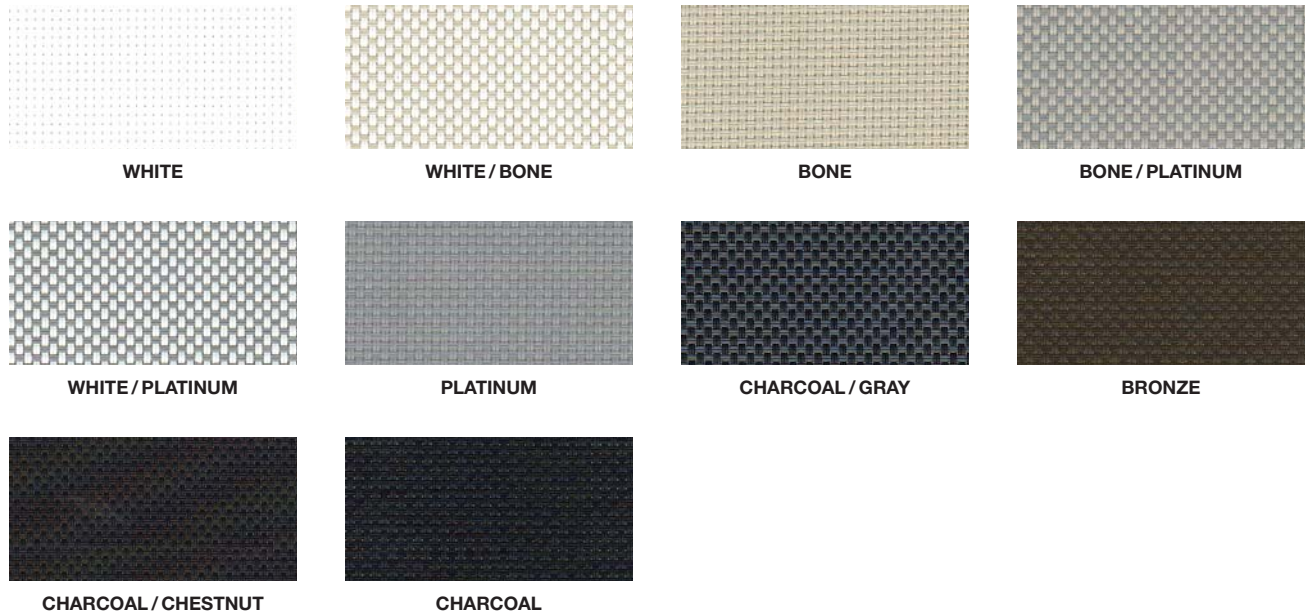
**UV BLOCKAGE:** 90%  
**FIRE CLASSIFICATION:** NFPA 701 (small scale)  
**BREAKING STRENGTH:** warp 150 lbs  
 weft 140 lbs  
**YARN DIAMETER:** 0.0114"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
RIVERBOAT WHITE	26	58	16	21	*	0.41	0.36	0.38	*	0.29
MAGNOLIA	21	58	21	17	*	0.40	0.35	0.37	*	0.28
CHICORY	20	48	32	16	*	0.46	0.39	0.42	*	0.31
DIJON	17	40	43	15	*	0.50	0.41	0.46	*	0.33
VANILLA BELLE	17	40	43	15	*	0.50	0.41	0.46	*	0.33
ON THE WHARF	19	48	33	16	*	0.46	0.38	0.42	*	0.31
WROUGHT IRON	11	4	85	13	*	0.71	0.52	0.64	*	0.43

\* Test results not yet available.

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



## Specifications

**MAX. FABRIC WIDTH:** 96"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 12.4 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.020"  
**OPENNESS FACTOR:** 10%  
**COMPOSITION:** 63% vinyl on fiberglass,  
 37% fiberglass  
**UV BLOCKAGE:** 90%

**FIRE CLASSIFICATION:** California Title 19 (small scale), NFPA 701-99  
 TM#1 (small scale), NFPA 101 (Class A Rating),  
 UBC (Class I), ASTM-G21 and ASTM-G22  
 (bacterial and fungal resistance)  
**BREAKING STRENGTH:** warp 260 lbs  
 fill 200 lbs  
**STIFFNESS:** warp 200 Mg  
 fill 240 Mg  
**YARN DIAMETER:** warp 0.013"  
 fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	SINGLE		
					1/8CL	1/4CL	1/4HA
WHITE	22	60	18	16	0.39	0.39	0.35
WHITE/BONE	19	54	27	14	0.43	0.42	0.36
BONE	19	44	37	15	0.50	0.48	0.40
BONE/PLATINUM	16	38	46	14	0.53	0.51	0.41
WHITE/PLATINUM	16	47	37	12	0.47	0.46	0.38
PLATINUM	10	31	59	9	0.59	0.54	0.43
CHARCOAL/GRAY	11	8	81	12	0.72	0.69	0.50
BRONZE	8	5	87	9	0.74	0.70	0.51
CHARCOAL/CHESTNUT	11	6	83	12	0.74	0.70	0.51
CHARCOAL	9	4	87	10	0.75	0.71	0.51

**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" 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.



OYSTER



OYSTER / BEIGE



OYSTER / PEARL GRAY



BEIGE



BEIGE / PEARL GRAY



PEARL GRAY



CHARCOAL / GRAY



CHARCOAL / CHESTNUT



CHARCOAL

## Specifications

**MAX. FABRIC WIDTH:** 98"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 10.5 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.017"  
**OPENNESS FACTOR:** 10%  
**COMPOSITION:** 63% vinyl on fiberglass,  
 37% fiberglass  
**UV BLOCKAGE:** 90%

**FIRE CLASSIFICATION:** California Title 19 (small scale), NFPA 701-99 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), ASTM-G21 and ASTM-G22 (bacterial and fungal resistance)  
**BREAKING STRENGTH:** warp 255 lbs  
 fill 180 lb.  
**STIFFNESS:** warp 225 Mg  
 fill 200 Mg  
**YARN DIAMETER:** warp 0.011"  
 fill 0.011"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8CL	1/4CL	1/4HA	1/2 CL	1CL	1HA
OYSTER	27	57	16	21	0.43	0.42	0.36	0.39	0.38	0.29
OYSTER/BEIGE	24	51	25	19	0.46	0.45	0.38	0.43	0.41	0.31
OYSTER/PEARL GRAY	20	45	35	16	0.49	0.48	0.40	0.46	0.44	0.32
BEIGE	19	44	37	16	0.50	0.48	0.40	0.46	0.44	0.32
BEIGE/PEARL GRAY	17	39	44	15	0.53	0.51	0.41	0.49	0.46	0.34
PEARL GRAY	16	30	54	14	0.59	0.56	0.44	0.55	0.51	0.36
CHARCOAL/GRAY	12	8	80	14	0.73	0.69	0.51	0.68	0.62	0.42
CHARCOAL/CHESTNUT	11	5	84	12	0.74	0.70	0.51	0.69	0.63	0.43
CHARCOAL	10	4	86	11	0.75	0.71	0.52	0.70	0.64	0.43

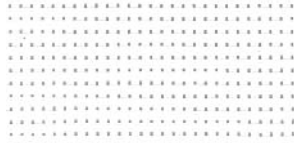
**TS** Solar Transmittance  
**RS** Solar Reflectance  
**AS** Solar Absorptance  
**TV** Visual Transmittance  
**1/8 CL** 1/8" Clear Glass  
**1/4 CL** 1/4" Clear Glass  
**1/4 HA** 1/4" Heat Absorbing Glass

- 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.

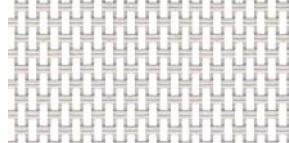
# SheerWeave 4100

10% openness

Fabric is also available in 3% openness (see SheerWeave 4400, page 4-20) and 5% openness (see SheerWeave 4000, page 4-30)



CHALK



ALABASTER



PEBBLESTONE



GRANITE



GRAYSTONE



PEWTER



ASH



TOBACCO



EBONY

## Specifications

MAX. FABRIC WIDTH: 98"  
 ROLL LENGTH: 30 yd  
 FABRIC WEIGHT: 17.5 oz/yd<sup>2</sup>  
 FABRIC THICKNESS: 0.035"  
 OPENNESS FACTOR: 10%  
 COMPOSITION: 75% PVC on polyester,  
 25% polyester  
 UV BLOCKAGE: 90%

FIRE CLASSIFICATION: NFPA 701 (small scale)  
 BREAKING STRENGTH: warp 315 lbs  
 fill 230 lbs  
 STIFFNESS: warp 600 Mg  
 fill 350 Mg  
 STRETCH: warp 1.0%  
 fill 8.0%  
 YARN DIAMETER: 0.020"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
	TS	RS	AS	TV	SINGLE			INSULATING		
					1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
CHALK	18	66	16	15	*	0.34	0.32	*	0.32	0.25
ALABASTER	19	56	25	16	*	0.41	0.36	*	0.38	0.29
PEBBLESTONE	16	48	36	15	*	0.45	0.38	*	0.41	0.31
GRANITE	15	42	43	14	*	0.49	0.40	*	0.29	0.23
GRAYSTONE	14	35	51	14	*	0.53	0.42	*	0.48	0.34
PEWTER	12	26	62	14	*	0.58	0.45	*	0.53	0.37
ASH	10	10	80	11	*	0.67	0.50	*	0.42	0.31
TOBACCO	10	5	85	11	*	0.70	0.51	*	0.45	0.32
EBONY	10	4	86	11	*	0.71	0.52	*	0.64	0.43

\* Test results not yet available.

**TS** Solar Transmittance **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

- 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.



PEARL WHITE



MUSHROOM SAND



CUSTARD CREAM



SAND DOLLAR



HONEY SAGE



HARVEST WHEAT



PALE GRAY



SPANISH GRAY



DUSTY GRAY



MOSSY GREEN



NINJA GRAY



ESPRESSO



CHOCOLATE

See next page for SheerWeave 3000 fabric specifications.

# SheerWeave 3000 | Specifications

**MAX. FABRIC WIDTH:** 96"  
**ROLL LENGTH:** 30 yd  
**FABRIC WEIGHT:** 13.46 oz/yd<sup>2</sup>  
**FABRIC THICKNESS:** 0.028"  
**OPENNESS FACTOR:** 14%  
**COMPOSITION:** 65% PVC on fiberglass, 35% fiberglass  
 69% PVC on polyester, 31% polyester  
**UV BLOCKAGE:** 86%  
**FIRE CLASSIFICATION:** NFPA 701-99 TM#1 (small scale), CCC-C-521E  
 (type 11 fiberglass), A-A150, ASTM-G21 and  
 ASTM-G22 (bacterial and fungal resistance)

**BREAKING STRENGTH:** warp 250 lbs  
 fill 262 lbs  
**STIFFNESS:** warp 291 Mg  
 fill 318 Mg  
**STRETCH:** warp 0.7%  
 fill 0.8%  
**YARN DIAMETER:** warp 0.011"  
 fill 0.022"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	SINGLE		
					1/8CL	1/4CL	1/4HA
PEARL WHITE	24	62	14	20	0.38	0.38	0.34
MUSHROOM SAND	23	46	31	21	0.49	0.48	0.40
CUSTARD CREAM	24	52	24	22	0.45	0.44	0.38
SAND DOLLAR	26	40	34	24	0.54	0.52	0.42
HONEY SAGE	22	28	50	22	0.62	0.59	0.45
HARVEST WHEAT	19	16	65	20	0.69	0.66	0.49
PALE GRAY	20	42	38	19	0.51	0.50	0.41
SPANISH GRAY	14	25	61	15	0.62	0.59	0.45
DUSTY GRAY	16	17	67	16	0.68	0.64	0.48
MOSSY GREEN	18	16	66	20	0.69	0.65	0.49
NINJA GRAY	14	10	76	16	0.72	0.68	0.50
ESPRESSO	19	8	73	21	0.74	0.70	0.52
CHOCOLATE	14	5	81	17	0.75	0.71	0.52

**TS** Solar Transmittance    **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance    **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance    **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

- 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.

See previous page for SheerWeave 3000 fabric colors.





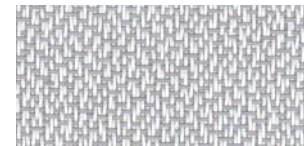
**WHITE**



**WHITE / BONE**



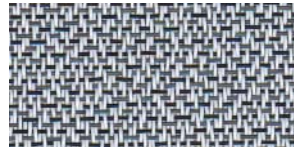
**WHITE / BEIGE**



**WHITE / LIGHT GRAY**



**WHITE / ROSE / LIGHT GRAY**



**WHITE / BLACK / DARK GRAY**

## Specifications

MAX. FABRIC WIDTH:	72"
ROLL LENGTH	30 yd
FABRIC WEIGHT:	10.5 oz/yd <sup>2</sup>
FABRIC THICKNESS:	0.025"
OPENNESS FACTOR:	12% – 17%
COMPOSITION:	65% PVC, 35% fiberglass
UV BLOCKAGE:	90%

FIRE CLASSIFICATION:	NFPA 701 (small scale)
BREAKING STRENGTH:	warp 200 lbs weft 150 lbs
STIFFNESS:	warp 1.75 weft 1.65
STRETCH:	warp 1%
YARN DIAMETER:	0.011"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
WHITE	29	57	14	24	*	0.42	0.37
WHITE/BONE	23	55	22	20	*	0.42	0.37
WHITE/LIGHT GRAY	23	55	22	20	*	0.42	0.37
WHITE/BEIGE	25	46	29	21	*	0.49	0.38
WHITE/ROSE/LIGHT GRAY	25	46	29	21	*	0.49	0.38
WHITE/BLACK/DARK GRAY	15	33	52	15	*	0.54	0.43

\* Test results not yet available.

**TS** Solar Transmittance    **1/8 CL** 1/8" Clear Glass  
**RS** Solar Reflectance    **1/4 CL** 1/4" Clear Glass  
**AS** Solar Absorptance    **1/4 HA** 1/4" Heat Absorbing Glass  
**TV** Visual Transmittance

- 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.



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