

SC4000 MASTERSHADE®

Exterior Rolling Screen / Large Cassette

The SC4000 Mastershade® is an exterior rolling screen available with standard cable guides or with the optional magnetic lock and cable guide system. A specially designed horizontal weighted hem bar is used for each version. With the added optional magnetic lock device attached at each end, the magnetic base brackets keeping the entire fabric taut when the screen is lowered. The SC4000 utilizes a fully extruded aluminum cassette which is approximately 5 1/4" high x 5 3/16" deep.

Туре	Standard Frame Colors	Standard Widths	Standard Heights	Recommended Applications	Recommended Fabrics
Screen Exterior Retractable	9 standard Sunair colors	Through 20'/24' wide Height will vary with width	Through 14' high Depending on width, Fabric & Type	Residential & Commercial Windows	Various Mesh & Acrylic Fabrics

- Larger standard box screen.
- Available with standard cables or magnetic locks.
- Gear or Motorized operation.
- Cassette bolts to ceiling or wall without brackets.



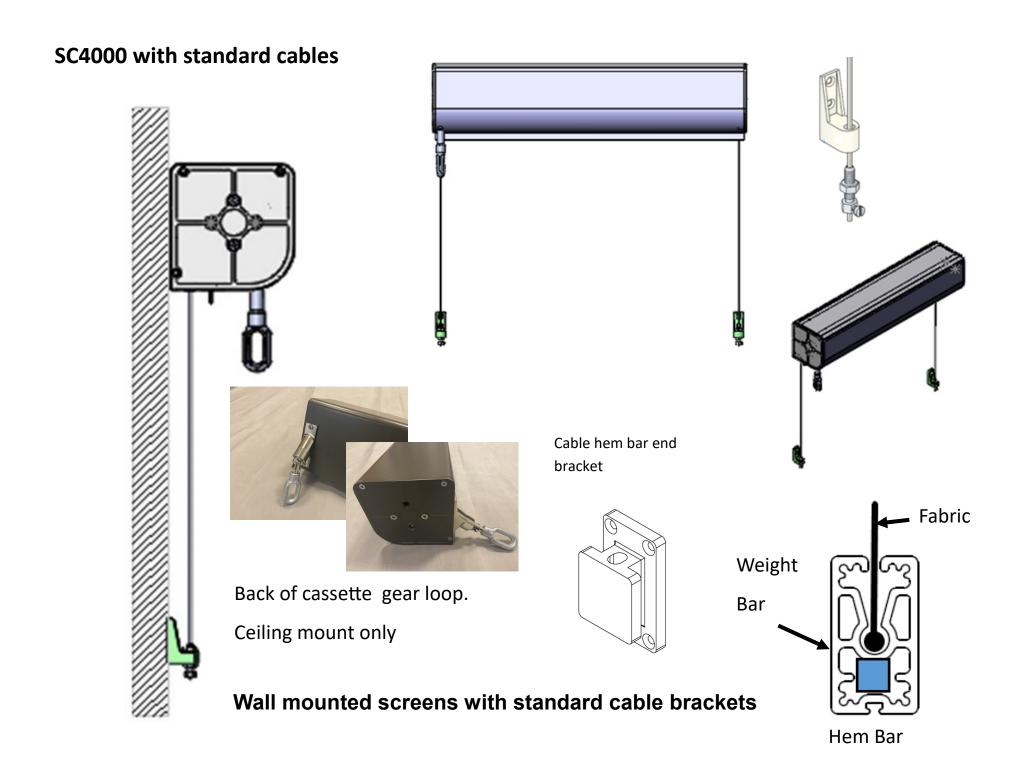
SC4000 Mastershade® Installations

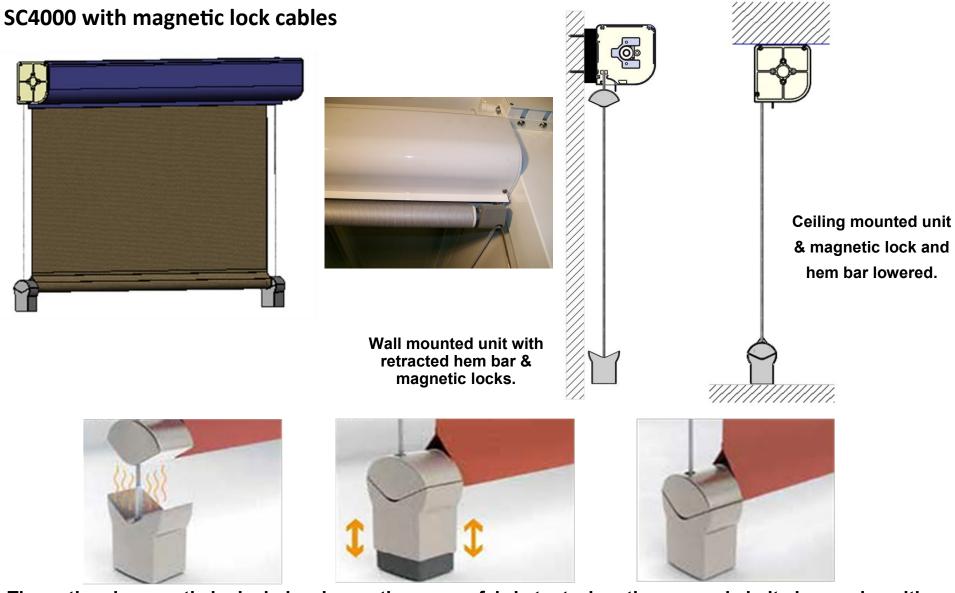








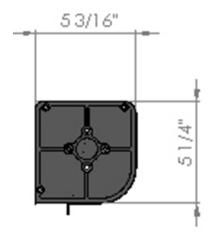




The optional magnetic locks below keeps the screen fabric taut when the screen is in its lowered position. If a wind gust lifts the hem bar, the magnetic lock will release the screen fabric from the pressure and then the magnetic lock will automatically reposition the hem bar back into the lock.*

^{*} Note: The magnetic device does not guarantee that strong winds will not damage the unit and is not a substitution for using caution.

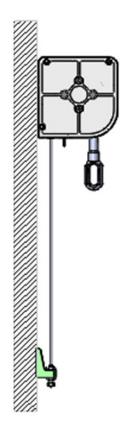
MEASURING SC4000 with standard cables:

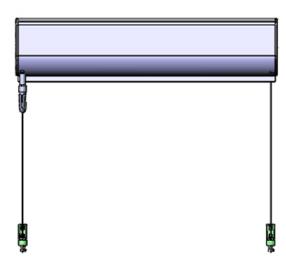


Width: Determine the desired width. The width you order is the measurement end of cassette to end of cassette. If mounting in front of a window opening, add 3" to the width of the window glass opening on the idler end and 4" on the gear or motor end for a total seven (7") to properly cover the opening or glass area with fabric.

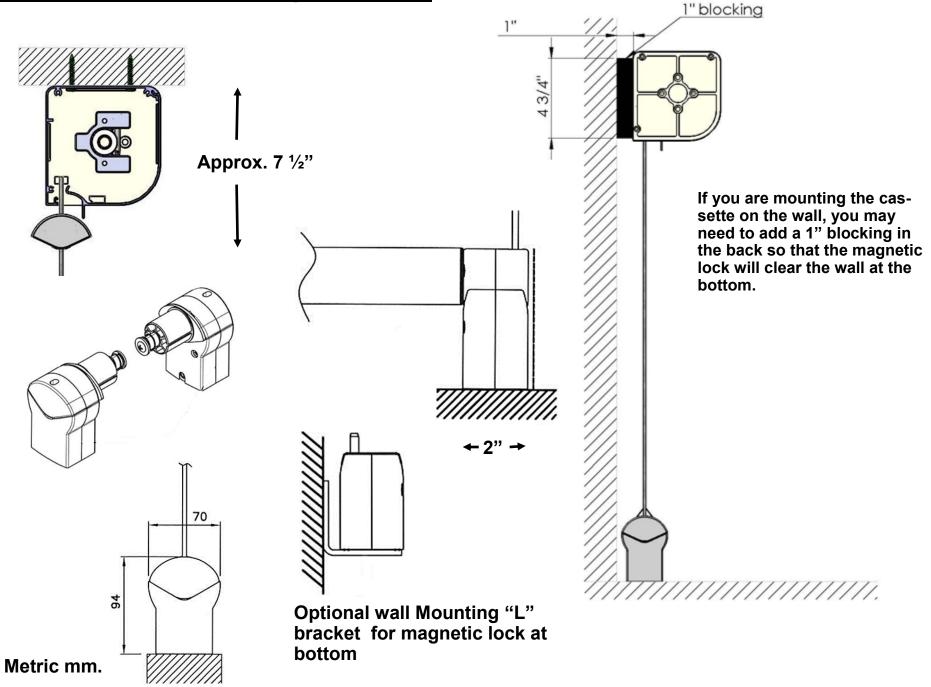
Height: Determine the height of the opening or window. The fabric or screen mesh should cover the height of the window. The height of the delivered screen includes the cassette. To calculate the height of the shade, add the height of the cassette (5 1/4") and the standard or magnetic lock height / hem bar (approx. 2 ½") to the total height of opening to be covered if mounted in front of a window. If mounting on an open porch, allow about 7 ½" for the cassette assembly when the screen is retracted. See below and next page)

Note: Pay attention to casement windows that will interfere with the hem bar when the shade is retracted (In such a case, mount the top of the cassette 7" above the opening window edge). In addition, if the hem bar needs to go above the glass area as not to be seen through the glass when the shade is raised, it is important to add the 7 1/2" to the opening height as well. The SC4000 can be ordered in any increments in both the width and the height.





MEASURING SC4000 with magnetic cables:



BENEFITS OF SOLAR SCREENS



Screen fully lowered down

- Reduces indoor temperatures and saves energy cooling your space.
- Cuts down on solar glare while retaining your view depending on mesh fabric type and openness factor.
- Cuts down on interior fading of floors, carpets and furniture.
- Can offer complete black out privacy blocking all light.

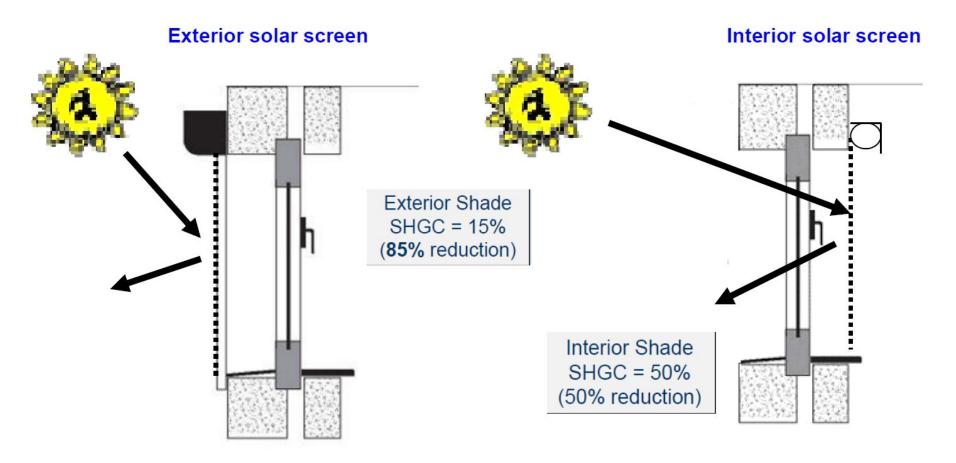


Screen partially down showing glare



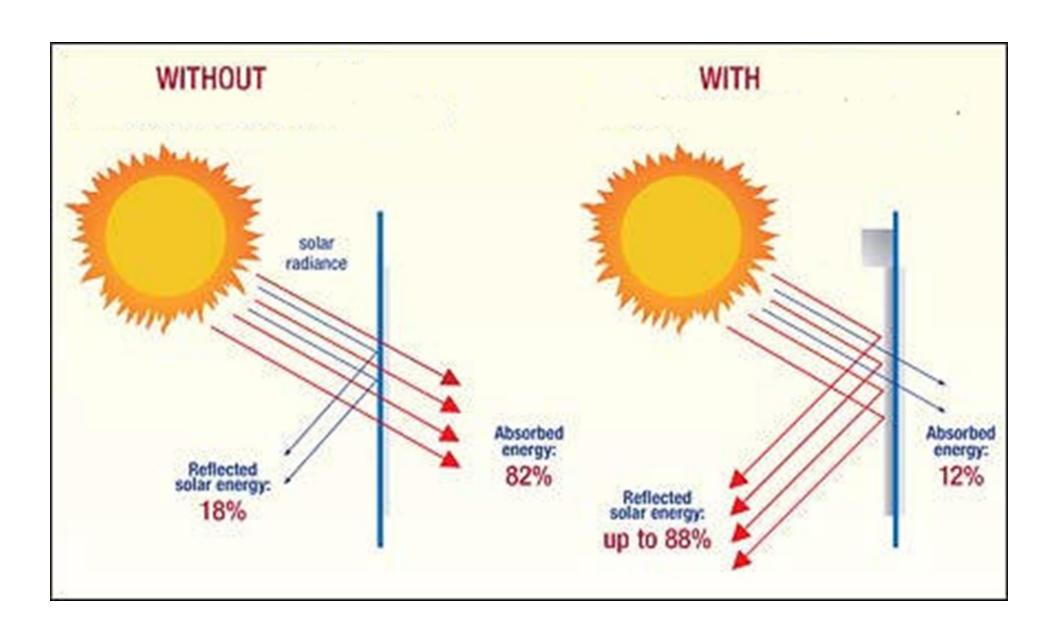
Screen fully down and no glare

BENEFITS OF SOLAR SCREENS cont:



Solar screens can be installed both on the exterior and interior applications of residential and commercial spaces. The benefit with exterior solar screens is that the fabric blocks the sun before it enters the home or space through the glass. Sometimes it is not feasible to install an exterior screen. In such a case, interior screens offer a good alternative. Interior screens are also more economical.

BENEFITS OF EXTERIOR SOLAR SCREENS:



FRAME COLORS (STANDARD)

Screens*

*Note: See each model technical page for available frame colors. <u>Available interior screen colors are different than depicted below (see Interior screens).</u>



NOTE: All these colors except Green Ral 6005 and Desert Sand / Ivory are "super durables" which offer better durability compared with standard polyesters powders.



NOTE: ACTUAL FRAME COLOR MAY VARY FROM DIGITAL IMAGES







ACRYLIC FABRIC COLLECTION



Fabric covers sewn with Tenara thread.





5 Forest Green



7 Moss Green



8 Medium Green



11 Red



12 Yellow



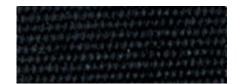
13 Ocean Blue



14 Toast



15 White



24 Black



33 Forest Green / White



35 Red / White



37 Yellow / White



47 Brown / Stone



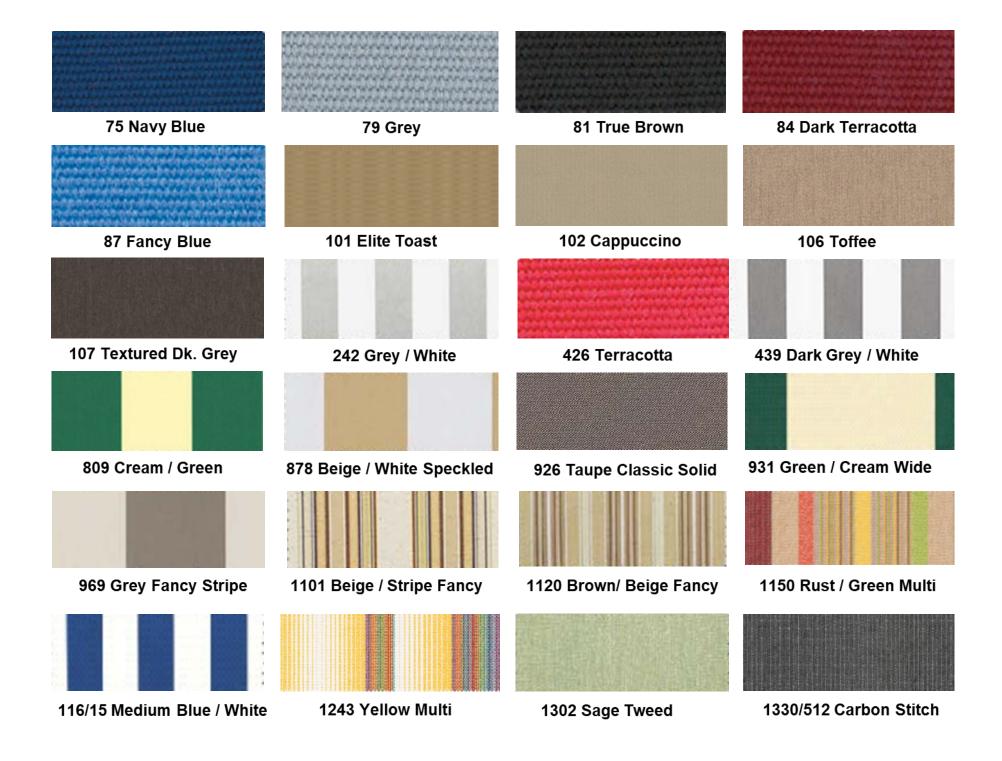
52 Tan

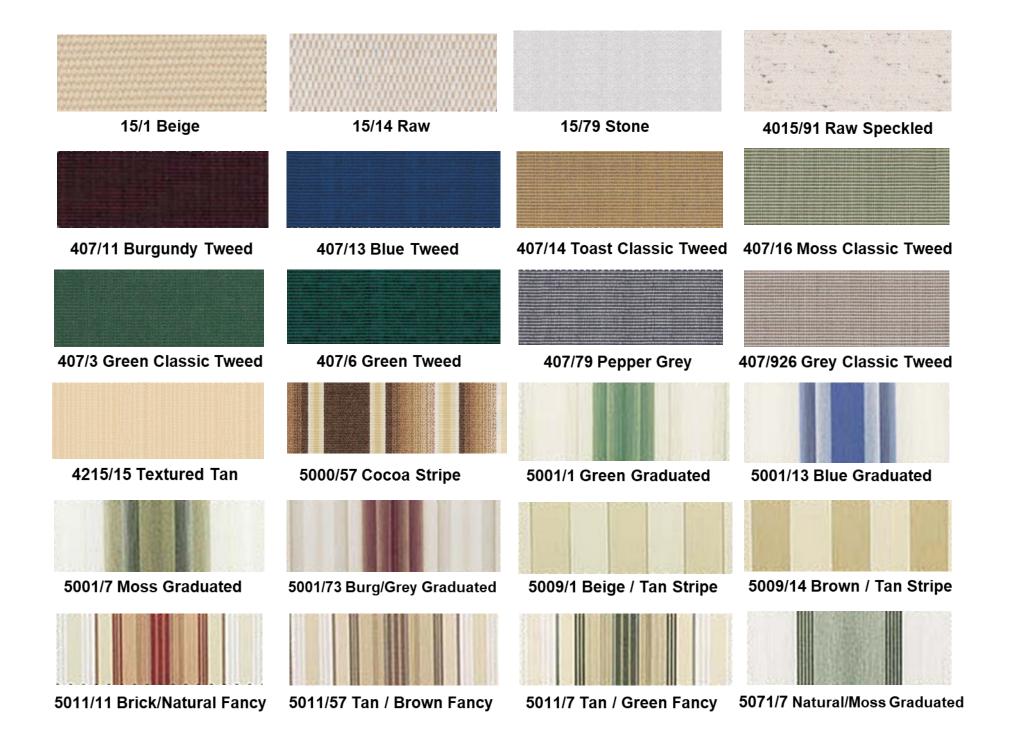


53 Pale Peach



73 Burgundy



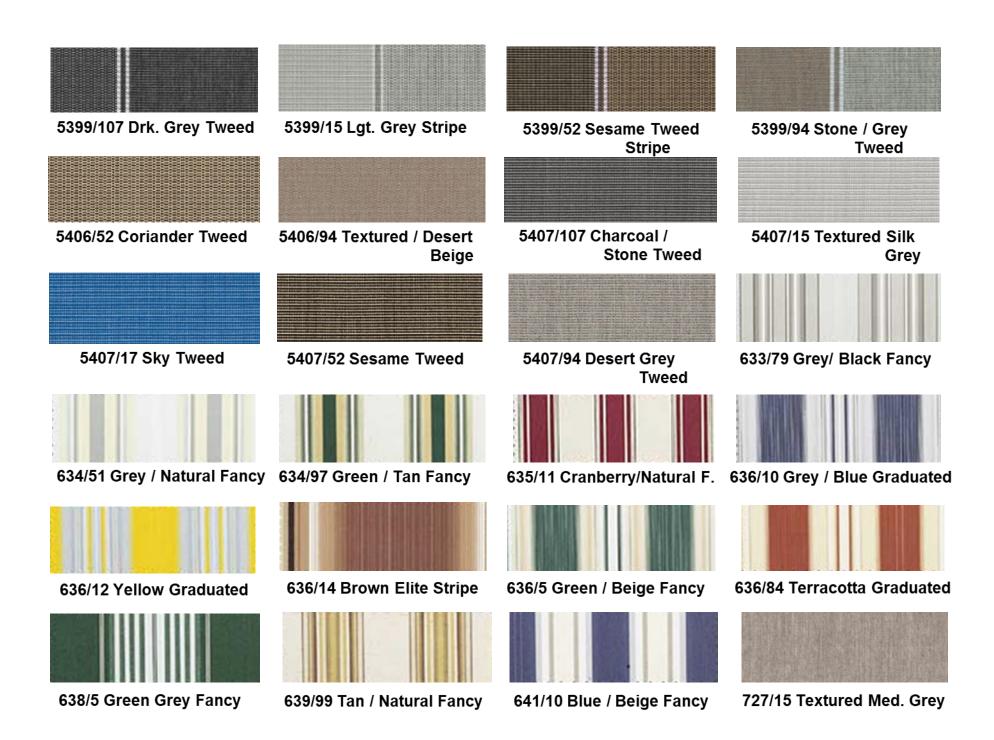




Graduated

5398/107 Carbon Blue Blend

5398/930 Dune / Brown Striped





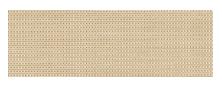
739/701 Sage / Beige Fancy



769/75 Cream / Blue Fancy



782/14 Beige Classic Solid



873/151 Dune Tweed



873/2 Textured Cocoa



939/94 Grey Elite Stripe



940/5 Green Elite Stripe



947/14 Pale / Beige Classic



949/91 Brown Beige Classic



950/24 Grey / Charcoal Classic



951/92 Grey / Navy Classic



967/926 Grey/Charcoal Elite



968/426 Terracotta Cream Fancy



97/84 Plum



986/106 Textured Beige



986/15 Textured Lt. Grey



986/727 Textured Pebble Grey

SOLIDS · TWEEDS · BLOCK STRIPES · FANCY STRIPES · GRADUATED STRIPES

5	Forest Green	407/14	Toast Classic Tweed	5406/52	Coriander Tweed
7	Moss Green	407/16	Moss Classic Tweed	5406/94	Textured Desert Beige
8	Medium Green	407/3	Green Classic Tweed	5407/107	Charcoal/Stone Tweed
11	Red	407/6	Green Tweed	5407/15	Textured Silk Grey
12	Yellow	407/79	Pepper Grey	5407/17	Sky Tweed
13	Ocean Blue	407/926	Grey Classic Tweed	5407/52	Sesame Tweed
14	Toast	4215/15	Textured Tan	5407/94	Desert Grey Tweed
15	White	5000/57	Cocoa Stripe	633/79	Grey/Black Fancy
24	Black	5001/1	Green Graduated	634/51	Grey/Natural Fancy
33	Forest Green/White	5001/13	Blue Graduated	634/97	Green/Tan Fancy
35	Red/White	5001/7	Moss Graduated	635/11	Cranberry/Natural Fancy
37	Yellow/White	5001/73	Burgundy/Grey Graduated	636/10	Grey/Blue Graduated
47	Brown/Stone	5009/1	Beige/Tan Stripe	636/12	Yellow Graduated
52	Tan	5009/14	Brown/Tan Stripe	636/14	Brown Elite Stripe
53	Pale Peach	5011/11	Brick/Natural Fancy	636/5	Green/Beige Fancy
73	Burgundy	5011/57	Tan/Brown Fancy	636/84	Terracotta Graduated
75	Navy Blue	5011/7	Tan/Green Fancy	638/5	Green/Grey Fancy
79	Grey	5071/7	Natural/Moss Graduated	639/99	Tan/Natural Fancy
81	True Brown	5072/86	Brown/Stone Fancy	641/10	Blue/Beige Fancy
84	Dark Terracotta	5118/62	Yellow/White Fancy	727/15	Textured Medium Grey
87	Fancy Blue	5144/14	Pastel/Natural Fancy	739/701	Sage/Beige Fancy
101	Elite Toast	5167/11	Red/Grey Fancy	769/75	Cream/Blue Fancy
102	Cappuccino	5167/2	Blue/Grey Fancy	782/14	Beige Solid Classic
106	Toffee	5167/5	Green/Grey Fancy	873/151	Dune Tweed
107	Textured Dark Grey	5173/12	Yellow/Grey Stripe	873/2	Textured Cocoa
242	Grey/White	5304/15	Rose/Grey Stripe	939/94	Grey Elite Stripe
426	Terracotta	5347/58	Grey/Wheat Multi	940/5	Green Elite Stripe
439	Dark Grey/White	5347/79	Platinum Grey Multi	947/14	Pale Beige Classic
809	Cream/Green	5348/58	Beige/Wheat Multi	949/91	Brown/Beige Classic
878	Beige/White Speckled	5348/79	Grey/Slate Multi	950/24	Grey/Charcoal Classic
926	Taupe Classic Solid	5349/106	Brown/Cream Stripe	951/92	Grey/Navy Classic
931	Green/Cream Wide	5349/930	Beige/Brown Classic	967/926	Grey/Charcoal Elite
969	Grey Fancy Stripe	5369	Charcoal/Brown	968/426	Terracotta/Cream Fancy
1101	Beige/Stripe Fancy	5370	Beige/Grey	97/84	Plum
1120	Brown/Beige Fancy	5371/727	Grey/Black Stripe	986/106	Textured Beige
1150	Rust/Green Multi	5374	Smoke/Grey Stripe	986/15	Textured Light Grey
116/15	Medium Blue/White	5396/78	Green Tweed Stripe	986/727	Textured Pebble Grey
1243	Yellow Multi	5396/930	Hazelnut Stripe		•
1302	Sage Tweed	5396/97	Charcoal Tweed Stripe		
1330/512	Carbon Stitch	5397/97	Grey/Black Graduated		
			<u> </u>		

Carbon Blue Blend

Dune/Brown Stripe
Dark Grey Tweed
Light Grey Stripe
Sesame Tweed Stripe
Stone/Grey Tweed

5398/107

5398/930

5399/107

5399/15

5399/52

5399/94

Beige

Stone

Raw Speckled

Blue Tweed

Burgundy Tweed

Raw

15/1

15/14

15/79

4015/91

407/11

407/13





300 Charcoal / Charcoal

Specifications

Composition: 15% Polyester, 85% Vinyl

Syle: Basket Weave

Mesh Weight: 14,75 (oz/yd2) Openness Factor: 5.5 % Fabric Thickness (in): .026

Width: 118"

Fire classification: NFPA 701 Test 1, and CA Fire Marshall Title 19, Section 1237.1

Warranty: 5 years exterior

Bacteria and Fungal Resistance: AATCC Test Method 100-2004







Specifications

Composition: 18% Polyester, 82% Vinyl

Syle: Twill

Mesh Weight: 17,8 (oz/yd²) Openness Factor: 3 %

Fabric Thickness (in): .78 mm

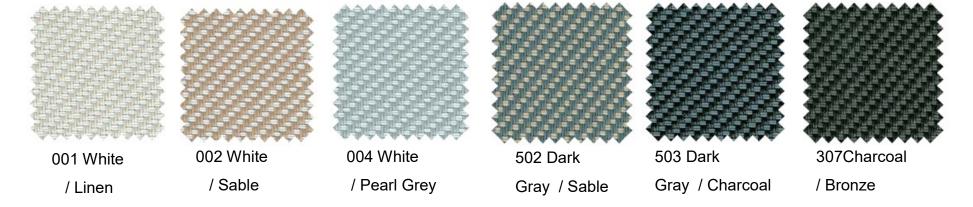
Width: 118"

Fire classification: NFPA 701 Test 1, and CA Fire Marshall Title 19, Section 1237.1

Warranty: 10 Year Limited. Visit www.recasensusa.com for full warranty.

Bacteria and Fungal Resistance: AATCC Test Method 100-2004

300 Charcoal / Charcoal



Exterior Screen Fabric



Outdoor Screen Fabric. 42% Fiberglass 58% vinyl

3%, 5%, & 10%











910902 Sable/White 10M127 Sable/Sable-Fog 910988 Sable/Wood 901910 Grey/Sable 30M687 Charcoal/ Cocoa-Fawn 930961 Charcoal/Cocoa 930992 Charcoal/Gamet 901901 Grey/Grey 901930 Grey/Charcoal 30M394 Charcoal/ Charcoal-Navy 930993 Charcoal/Forest 930930 Charcoal/ Charcoal

Sun Control Textiles™

Exterior Screen Fabric

Outdoor Screen Fabric.





42% Fiberglass

1% & 5%

58% vinyl

10M986 Sable/

910993 Sable/Forest

30M386

901994

01M230

30M301

930992 Charcoal/Garnet

910988 Sable/Wood

Garnet-Auburn

30M687 Charcoal/ Cocoa-Fawn

930961 Charcoal/Cocoa

Charcoal/ Charcoal-Auburn

Grey/Navy 30M394 Charcoal/ Charcoal-Navy

Grey/Fog-Charcoal

Charcoal/ Charcoal-Grey

930930 Charcoal/Charcoal



30M394 | Charcoal/Charcoal-Navy





5%

MERMET. Sun Control Textiles™

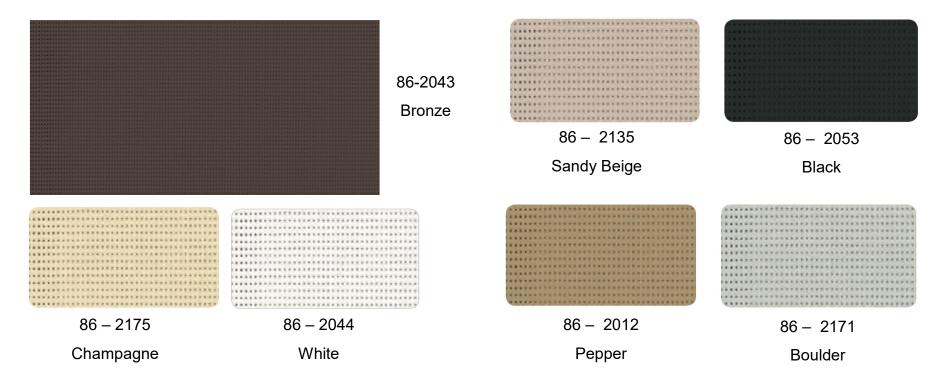




Exterior Screen Fabric

5 year warranty from Ferrari

14 % Open Screen Mesh



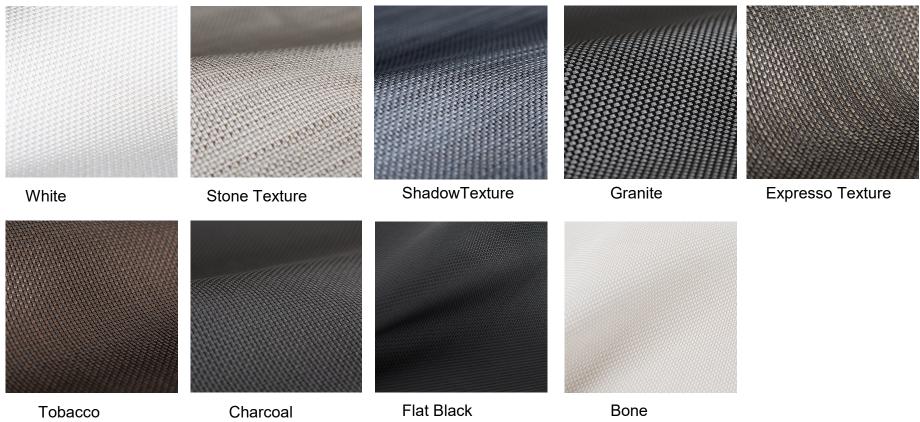
Technical properties

Openess factor	14%
Weight	380 g/m² — 11.2 oz/sqyd
Thickness	0.45 mm — 450 microns
Width	177 cm - 267 cm — 69.7 in 105.1 in.

Superior elongation and tear resistance
No deformation during processing and use
Superior aesthetic and mechanical durability
Smooth finish easy to clean, space saving, easy rolling



5 % Open Screen Mesh



TEXTILENE® nano™ 95 is a durable, yet lightweight synthetic fabric. It is lighter and finer with the same technical qualities as the original TEXTILENE®. TEXTILENE® nano™95 is excellent for exterior use and can reduce energy costs while blocking up to 95% of the sun's harmful rays.



Exterior Vinyl Fabric Zipper Screens only

502 PROOF SOLTIS / OPAQUE SATINE FINISH COLORS

The Precontraint 502 fabric from Ferrari also offers excellent dimensional stability with minimal stretching and exceptional dirt resistance thanks to a PVDF topcoat on both sides. The fabric is therefore perfect for use on retractable zipper screens with window film. The fabric is 16.8 oz / sq. yd. with a satin finish. Fabrics are fire retardant / certificate is available upon request.

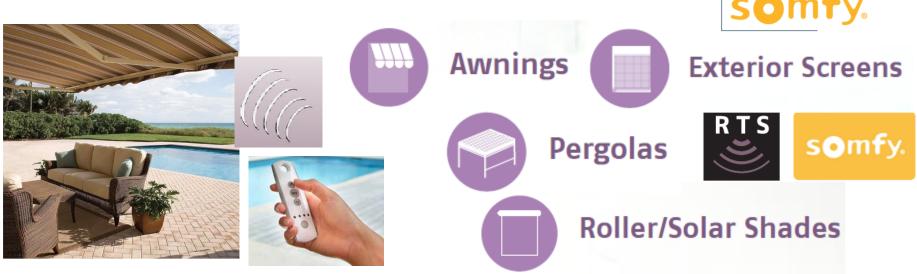


satin finish

5 year warranty from Ferrari



MOTORIZATION



POWERED by

Sunair is proud to offer the full line of Somfy motors and controls for our awnings and screens program SOMFY RTS features motors with an integrated radio receiver that allows you to operate the awning by remote control with a wall mounted or hand held remote or by smart phone device. With a simple click of your remote, the awning or shade will extend or retract automatically. The manual override Sunea motor is ideal for awnings and the Altus motors is ideal for exterior screens. Each motor can be configured with a cord & plug which can simply be plugged into your patio outlet. They are available in 1.4", 11',17', & 23' lengths. Altus motor cords depend on motor model and is standard either 6' or 10' pigtail cords. Optional Altus plug in cords are available in 10', 18', and 24 ' lengths. Optional screen motor is Maestria with obstacle detection. Add Tahoma smart phone and table interface.



SOMFY REMOTES:



Telis 1 & 4 RTS Hand-held Remotes



Situo 1 & 4 hand held remotes

One (1) through (16) channel hand held or wall mounted remotes are available. Remotes are available in different colors to suit your style, please inquire.

RTS somfy.

Telis hand-held remotes offer convenient and simple operation of every type of motorized application. Channels help organize the motorized products that are operated. Single channel remotes can operate one individual product or one group of motorized products. Multiple channel remotes can handle groups of motorized products.



Telis 1 Chronis RTS Timer



DecoFlex WireFree™ RTS Wall Switches



Telis 1 Patio for exterior use



Smoove® 1 RTS Surfact Mount Wall Switch



Telis 16 RTS Hand-held Remote

AVAILABLE AUTOMATIC SENSORS & CONTROLS



SOLIRIS RTS 24V KIT

Sun & Wind Sensor

The Soliris RTS Sun and Wind Sensor automatically controls your RTS motorized products based on current weather conditions.



ONDEIS® WIREFREE Sun & Rain Sensor

The Rain Sensor is a solar-powered combined rain and sun sensor compatible with Radio Technology Somfy® motorized exterior products, including awnings and screens.



Sunis & ThermoSunis Indoor WireFree™ RTS Sensors



SOMFY MOTOR WIRING





Radio Technology Somfy

Radio Technology Somfy® (RTS) allows wireless radio control of motorized applications via the RTS family of controls.

Optional molded plug is available for "awning" motors only



All Somfy Motors are UL and CSA

 All SOMFY motors are UL Recognized and can be found under the following file numbers:

E60495, E60888, E63714





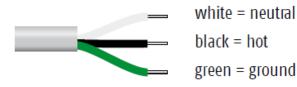


The three (3) wire cords can be wired in parallel and can be ordered with a molded plug to simply plug into an exterior UL approved GFI outlet. The standard four (4) wire cords must be hard wired with a traditional toggle wall switch. Screens can not be ordered with molded plugs on the end.

Type of power cable

RTS plug in capable motor cord

RTS 120V AC / 60Hz 3 conductor cable



Type of power cable

Power

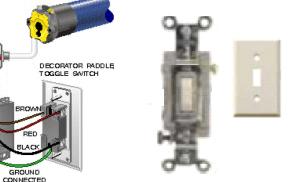
STANDARD Hardwire motor cord

Wired 120V AC / 60Hz 4 conductor cable



white = neutral red = direction 1 black = direction 2 green = ground

Hardwired motors with a wall switch



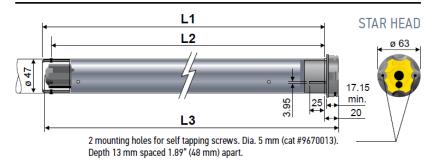


Recognized





Dimensions



LT50 Altus® RTS

506	510	525	535	550
6 Nm	10 Nm	25 Nm	35 Nm	50 Nm
120V / 60HZ				
1.1A	1.3A	1.6A	2.1A	2.1A
38 rpm	38 rpm	20 rpm	20 rpm	14 rpm

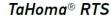
Somfy TaHoma® RTS Smartphone and Tablet Interface

The Somfy TaHoma[®] gateway and smart phone app provides convenient and customized control of Somfy powered motorized shades, blinds, and other motorized solutions. Control up to 40 RTS (Radio Technology Somfy) channels using the TaHoma app. Multiple TaHoma devices can be joined for multi-zone control.



- North America app, you can remotely activate both Zigbee and RTS products Supports UP/ DOWN/MY/STOP commands for motorized shades/blinds.
- Supports incremental control for Tilt motors and lighting 2 Supports ON/OFF commands for control of lighting or other devices powered via the Zigbee Smart Plug Multiple users .
- Remote access Control4® Certified I Integration with third-party systems over IP I Compatible with Somfy Synergy™ API

















works with the





Bond Home / Smartphone and Tablet Interface

<u>Bond Bridge</u> and <u>Bond Bridge Pro</u> works as a bridge between Wi-Fi and your remotes recorded signal allowing you to operate your Sunair shades, awnings, pergolas, ceiling fans, fireplaces and more with the Bond app. Works with Somfy and other motor manufacturers.



Remote control from anywhere

Be able to control everything even from outside your home.



- Works with Alexa, Google Home, and SmartThings,
- Remote Control via Bond Home app
- · Works with iPhone or Android
- No installation needed
- Smart home functionality without breaking the bank

Bond Bridge Pro: Added features...

- Ethernet port & PoE technology
- Smart home integrations
- Ceiling and wall mount

OPTIONAL:

• Sidekick for Shades: 5-channel Shade and awning

BOND REMOTE SWITCH:

Sidekick for Shades/Awnings: 5-channel Shade Keypad



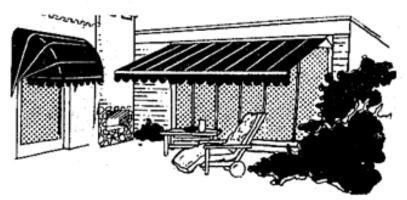
- Wireless flush mount shade remote.
- Communicates directly with the shade.
- 10-year battery life.
- Set up shade limits no manufacturer remote required.
- This version of Sidekick does not support Scene Keypad functionality.
- 10-year battery life.
- Install with or without a workbox (flush mount).
- 5-channel control.
- Set up shade limits no manufacturer remote required.



Notes

Note: Sunair® reserves the right to change engineering, specifications and prices without notice.

Images and Illustrations in the catalog may vary from digital and printed manuals.









MARYLAND LOCATION

Mailing: P.O. Box 1068 Shipping: 7785 Rt. 175 Jessup, MD 20794

Toll Free 800 - 548 - 0408

Phone: 410 - 799 - 1145

Fax: 410 - 799 - 5584

ARIZONA LOCATION

Mailing: <u>Same as Jessup</u>
Shipping: 3807 West Thomas Rd.
Phoenix, AZ 85017

Toll Free 877 - 272 - 3920

Phone: 602 - 272 - 3920

Fax: 602 - 272 - 3925

www.sunairawnings.com

info@sunairawnings.com