



Staying protected just got a whole lot cooler. At Superior Recreational Products (SRP), we provide our customers with standard and custom shade structures for nearly every outdoor location. Our line delivers creative solutions and unique designs while providing protection from the sun's harmful UV rays. Our 20 years of experience allows us to provide the superior shade products you've been searching for.

NEW PRODUCTS!

Our team of innovative designers are always developing new products.

Check out these great new shade additions that resist the elements in style.



Duo-Top Hexagon PAGE 7

Sand Dollar



Arched Cantilever
PAGE 11

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GLIDE ELBOW™

Learn about our Glide Elbow™ on page 28.





SUPERIOR PRODUCTS. superior shade.



UMBRELLAS

FLEXIBILITY meets **STYLE**



Single Post Square Umbrella

Available as surface or in-ground mount in 8', 10', or 12' height, with or without Glide Elbow™ †.

AVAILABLE DIMENSIONS

- 10' x 10' • 18' x 18'
- 12' x 12' • 20' x 20'
- 14' × 14' • 22' x 22'
- 16' × 16' • 24' x 24'

APPLICATIONS



- Playgrounds
- Restaurants





Single Post Hexagon Umbrella

Available as surface or in-ground mount in 8' or 10' height, with or without Glide Elbow™ †.

AVAILABLE DIAMETERS

- 10' • 18'
- 12' · 20' • 27'
- 14' • 22'
- 24'

APPLICATIONS

- Resorts
- Hotels
 - Picnic Areas



Single Post Octagon Umbrella

Available as surface or in-ground mount in 8' or 10' height, with or without Glide Elbow™ †.

AVAILABLE DIAMETERS

- 10' • 18'
- 12' • 20' • 27′
- 14' • 22'
- 16' • 24'

- Picnic Areas
- Splash Pads
- Pools







Custom sizes available upon request.



Cantilever Umbrella

The Cantilever Umbrella's off-centered post allows for the placement of site furnishings without the interference of a column. Available as surface or inground mount in 8', 10', or 12' height, with or without Glide Elbow™†.

DIMENSIONS RANGE: 8' × 8' - 18' × 18'





Tilt and Swivel Umbrella

Tilt and swivel this single post umbrella 360° for maximum coverage sunrise to sunset. Available as surface or in-ground mount in 8', 10', or 12' height, with or without Glide Elbow™ †.

DIMENSIONS RANGE: 8' × 8' - 18' × 18'



Two or Three Column Umbrella

Available as surface or in-ground mount in 8' or 10' height, with or without Glide Elbow™ †.

AVAILABLE DIMENSIONS

- 16' x 12' • 20' x 12'
- 18' x 12' • 20' x 14'
- 20' x 10' • 24' x 14'

- Tennis Courts
- Picnic Areas
- Water Parks
- Swings

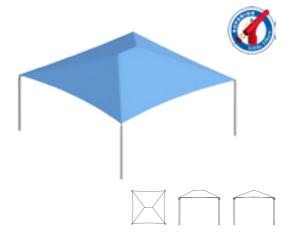




† Glide Elbow™ availability depends on dimensions and model.

HIP END

SHADES for all APPLICATIONS



Square Hip End

Available as surface or in-ground mount in 8', 10', or 12' height, with or without Glide Elbow™ †.

AVAILABLE DIMENSIONS

- 10' × 10' • 24' x 24'
- 12' x 12' • 28' x 28'
- 16' x 16' • 34' x 34'
- 18' x 18' • 38' x 38'*

- Playgrounds
- Picnic Areas
- Park Seating

APPLICATIONS

- AVAILABLE DIMENSIONS • 10' x 12' • 18' x 20'

• 10' x 15'

• 10' x 20'

Rectangle Hip End

• 18' x 24'

height, with or without Glide Elbow™ †.

- 20' x 30'
- 20' x 34'

Available as surface or in-ground mount in 8', 10', or 12'

- 18' x 28' • 18' x 32' • 15' x 22'
- 20' x 24' • 24' x 34' • 24' x 38'
- 28' x 34'
 - 20' x 38' • 28' x 38'



Hexagon Hip

Available as surface or in-ground mount in 8', 10', or 12' height, with or without Glide Elbow™ †.

AVAILABLE DIAMETERS

- 20'
- 34' • 38'*
- 24'
- 26' • 40'*
- 30'

- Schools
- Picnic Areas
- Restaurants



Custom sizes available upon request.











NEW! Duo-Top Hexagon

Custom made for any application, this shade stands out as one of our most attractive designs.

WIDTH RANGE

• 20' - 30'

APPLICATIONS

- Small Pool Areas
- Dining Areas
- Restaurants





Multi-Domes

Multi-Domes — a series of hip end shades that share posts — are a great solution for **sports complex seating, parking lots, or patios.** Shade fabric can match or have alternating colors.*





Super Domes

Super Domes are great for *large playgrounds, outdoor dining areas, and sport facilities* such as basketball or tennis courts. Depending on your needs, square posts and our Glide Elbow™ are available.†*





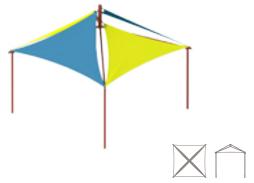


* Glide Elbow™ must be custom designed. † Glide Elbow™ availability depends on dimensions and model.

SAIL

UNIQUE custom SOLUTIONS

These great sail shades add a unique twist to any space. While we do offer some standard sizes, our six styles can be custom created for all spaces or choose to create your own design.



Quad Sail

Our Quad Sail shade, with its appealing architectural design, is a great solution for country clubs, resorts, and city parks. Available as surface or in-ground mount in 8', 10', and 12' height.

STANDARD DIMENSIONS

- 20' x 20' • 28' x 28'
- 24' x 24' • 30' x 30'



APPLICATIONS

- Country Clubs
- Resorts
- City Parks



• 20' x 20' • 28' x 28'

Square Sail

• 24' x 24' • 30' x 30'

STANDARD DIMENSIONS

APPLICATIONS

- Playgrounds
- Restaurants
- Park Seating



Our Square Sail shades are a simple solution for your

defined space. These great sail shades provide ample

coverage with a unique and fun look. Available as

surface or in-ground mount in 8', 10', and 12' height.



Hyperbolic Sail

Our Hyperbolic Sail shade is perfect for both **small and** large activity areas that need to look exceptional while remaining functional in the heat. Available as surface or in-ground mount in 8', 10', and 12' height.

AVAILABLE DIMENSIONS

- 20' x 20'
 - 28' x 28'
- 24' x 24' • 30' x 30'

- Zoo Exhibits
- Picnic Areas
- Pools



Custom sizes available upon request.



With its unique layered look, our Sand Dollar Sail shade offers design appeal and great coverage.

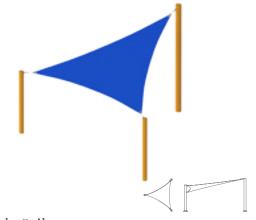
Available in square or hexagon shapes as surface or in-ground mount in 8', 10', and 12' height.

STANDARD DIMENSIONS

• 20' x 20' • 28' x 28'

APPLICATIONS

- Playgrounds
- Restaurants



Triangle Sail

Our Triangle Sail shade is a great solution for **all spaces, large or small.** This design has many practical uses — from shading picnic tables to entire pools. Triangle Sail shades are custom to every space.

*Sail size limited to 50' per triangular edge.





Our Kite shades are a popular choice for **pools, splash pads, and dining areas.** Their kite-shaped design allows for great flexibility and many configurations, making them great for covering uniquely shaped spaces.

AVAILABLE DIMENSIONS

• 20' x 20'

• 30′ x 30′

• 25' x 25' • 35' x 35'

- Splash Pads
- Dining Areas
- Pools

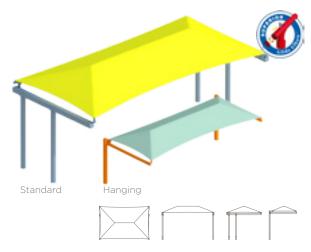






CANTILEVER

MINIMAL POSTS with MAXIMUM SHADE



Standard and Hanging Cantilever

These shades are a great solution for *walkways, bus stop seating, and bleachers.* Our Standard Cantilever features two upright posts, while our Hanging Cantilever features one. Available with or without Glide Elbow™ †.

CUSTOM MADE FOR YOUR LOCATION



T-Cantilever

This shade is perfect for **bleachers, fueling stations, or parking lots**. Available with or without Glide $Elbow^{TM}$ †.

CUSTOM MADE FOR YOUR LOCATION



Suspended Cantilever

The Suspended Cantilever utilizes suspension braces at the top of the structure to support the extended shade. This design is perfect for *automotive needs and walkways* and is available with or without Glide Elbow[™] †.

CUSTOM MADE FOR YOUR LOCATION









Standard Wavecrest

The Wavecrest's engineered design allows it to work well in almost any space. Great at the *local park or the golf course,* our Wavecrest is the perfect shade when total coverage is critical and style is essential.

CUSTOM MADE FOR YOUR LOCATION





NEW! Arched Cantilever

This beautifully designed shade structure can be custom made to fit your location. The Arched Cantilever is the perfect solution to many shade needs, such as *picnic* areas, concession stands, pools, and much more.

CUSTOM MADE FOR YOUR LOCATION





Dugout Cantilever

The Dugout Cantilever shade is great for *dugouts*, *walkways*, *and school carpool lanes*. The raised design casts a direct shadow on your intended area. This easy to install shade can also be customized with fabric panels between the columns to block wind.

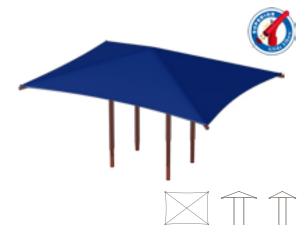
CUSTOM MADE FOR YOUR LOCATION



† Glide Elbow™ availability depends on dimensions and model.

MODULAR

SHADES for the PLAYGROUND





The Modular Rectangle is perfect for large playgrounds with extended bridges. Only for rectangular decks and available exclusively with our Glide Elbow $^{\text{M}}$. Fits 3.5" and 5" diameter posts.

SHADE DIMENSIONS DECK DIMENSIONS

• 9' x 12' • 10.5' x 14' • 36" x 46.5"





Modular Square

This shade works especially well for more compact playgrounds. Only for square decks and available exclusively with our Glide Elbow™. Fits 3.5″ and 5″ diameter posts.

SHADE DIMENSIONS DECK DIMENSIONS

• 10' × 10'	• 16' × 16'	• 36" x 36"
• 12′ × 12′	• 18′ × 18′	• 48" × 48"







Modular Quad Sail

Achieve a unique look without compromising sun protection. Only for square or rectangular decks and available exclusively with our Glide Elbow™. Fits 3.5" and 5" diameter posts.

SHADE DIMENSIONS DECK DIMENSIONS

• 10' × 10'	• 18' x 18'	• 36" x 36"	• 36" x 48"
• 12′ × 12′	• 9' × 12'	• 36" × 46.5"	• 48" × 48"
• 14' × 14'	• 10.5′ × 14′		





Modular Crescent

If you are looking for shade with style, this shade is perfect. Only for square or rectangular decks. Fits 3.5" and 5" diameter posts.

SHADE DIMENSIONS **DECK DIMENSIONS**

• 7' 4" x 5' 3"

• 36" x 36" • 36" x 48"

• 36" x 46.5" • 48" x 48"



• 12'

SHADE DIAMETERS

Modular Hexagon

Glide Elbow™. Fits 5" diameter posts.

• 14' • 18'

DECK DIMENSIONS

This shade is great for any playground, large or small!

The Modular Hexagon is available exclusively with our

• Available for all deck configurations

Modular Octagon

Great for shading very large playgrounds. Only for triangle decks forming an octagon and available exclusively with our Glide Elbow™. Fits 5" diameter posts.

SHADE DIAMETERS	DECK DIMENSIONS
• 14' 4"	• 48" x 48"





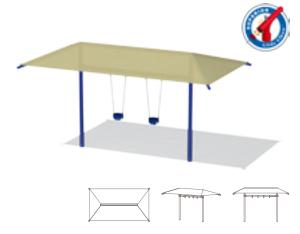






SWING & SANDBOX SHADES

SHADES for the PLAYGROUND







Swing Frame with Shade

Consider adding a shaded swing set to your play area in order to increase participation and overall patron experience. *All swing seats and chains sold separately.*

SHADE DIMENSIONS

- 19' x 10' 42'
- 31' × 10' 53.5' × 10'
- -----

SWING BAYS

Shades are available in one, two, three, or four bays.

Sandbox Shade

A sandbox shade is a great idea for any location — from schools and early childhood development centers to churches and community parks. Add a shade to your new or existing sandbox or sand play area to provide protection for children as they enjoy the tactile experience of a sand play environment. Choose any Hip End style from pages 6 and 7.

Sandbox Shade Umbrella

Sandbox shade solutions come in all shapes and sizes. Our Umbrella shades are great for play areas with limited space. *Choose any Umbrella style from pages 4 and 5.*







CUSTOM SOLUTIONS

CUSTOM SOLUTIONS to fit your **SPACE**



Eglin Air Force Base OKALOOSA COUNTY, FLORIDA

These custom boat shades for Eglin Air Force Base's marina provided the vessel protection and distinct look they required.



Westenfield Pool

AUSTIN, TEXAS

This fully custom shade, with its unique symmetry, is aesthetically pleasing and provides protection for the patrons of Westenfield Pool.



iShine Express Car Wash

PEARLAND, TEXAS

This project features a custom Double Arched T-Cantilever shade system that was designed to protect numerous vehicles simultaneously.



Atlanta Zoo Splash Pad

ATLANTA, GEORGIA

Perfectly aligned with the seating below, this custom Suspended Cantilever covers patrons as they watch over their children playing at the zoo's splash pad.





MARKET GALLERY. shade solutions.



ZOO



Tulsa Zoo Sea Lion Exhibit tulsa, oklahoma

This project was part of a series of improvements, which involved upgrading zoo animal living areas, shading animals from harmful UV rays, adding and improving feeding and bathing environments, and much more.



Tulsa Zoo Elephant Amphitheater tulsa, oklahoma

The shades at the Tulsa Zoo Elephant Amphitheater protects both the audience and the elephants. The Sail shades over the performance area were designed to provide shelter while being out of the elephants' reach.



Kansas City Zoo Sea Lion Exhibit Kansas City, Missouri

This highly custom shade structure with high tension cabling spans more than 95' in diameter. SRP created this unique design to meet our customer's needs, bringing the Kansas City Zoo into compliance with the Marine Mammal Protection Act.



Fort Worth Zoo Outdoor Learning Center FORTH WORTH, TEXAS

Covering over 9,000 sq. ft. and measuring approximately 120' \times 75', this custom Outdoor Learning Center incorporates massive structural steel members, integrated with our durable and stylish fabric shade sails.

SPORT FACILITIES



Wesconnett Park JACKSONVILLE, FLORIDA

The Wesconnett Park project in Jacksonville, Florida includes the use of custom designed Dual Column Hip End shades and two Suspended Cantilevers. This design allows for both players and spectators to be shielded from UV rays and rain.



Driller's Stadium Concession Area

This stylish shade structure uses Keder tracks to connect the shades, eliminating gaps between fabric sections. Using an arched design, SRP created a set of custom shades to cover food service lines and a seating area over 4,000 sq. ft.



Johnnie Walker Park JACKSONVILLE, FLORIDA

This project uses Multi-Dome Hip End shades to protect the spectators of Johnnie Walker Park's football program from the intense Florida sun. The Multi-Dome Hip End shades are a great solution for shading bleachers.



Baylor University

WACO, TEXAS

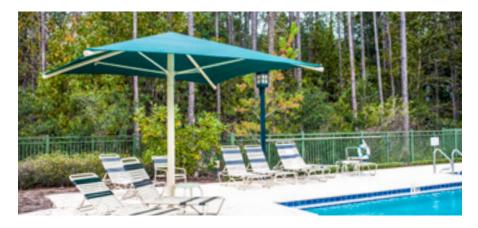
This custom cantilever provides much needed shade for visitors of the Bradley R. Hulse Grandstands. This project features a custom cantilever design that has been integrated directly into the existing bleacher structure.

SWIMMING POOLS



Bartholomew Municipal Pool AUSTIN, TEXAS

The Bartholomew Municipal Pool project includes six super-sized sails that cover two pools, plus the entrance. These shades help protect visitors from the harsh Texas sun — not to mention the element of style they add!



John's Creek Community JACKSONVILLE, FLORIDA

The swimming pool at John's Creek Community was in need of durable shade umbrellas. SRP installed Single Post Square umbrellas near the poolside seating area, providing shade and an architectural design element.



Gibson Park

Gibson Park was in need of shade to protect spectators as they watched swim meets. These Standard Cantilevers perfectly cover the area and helped to increase attendance by many of the swimmer's families.



Teravista Community FORTH WORTH, TEXAS

The Teravista Community swimming pool became more relaxing with the inclusion of six Hypar umbrellas (see Skyspan on page 27). While the owners improved the look of the facility, the guests appreciated the more comfortable resting areas.

AUTOMOTIVE



Pro Shine

MOORESVILLE, NORTH CAROLINA

This is a super-sized, highly engineered T-Cantilever. The added suspension braces on top and heavy duty upright posts allow the structure to be large enough to cover the drive up vacuum stations perfectly.



Big Green Car Wash

NORTH RICHLAND HILLS, TEXAS

This heavy duty, customized T-Cantilever shade was a perfect fit for the Big Green Car Wash. The shade structure was custom built to include brick columns (by others) as the upright support, giving it a grand, rugged look and feel.



Harley Davidson

GRAND PRAIRIE, TEXAS

The Harley Davidson store needed a shade solution for parking and special events. Our Wavecrest shades fulfilled both their needs for parking and event space, while meeting their brand's need by matching the fabric and post color.



Empire Roofing

FORT WORTH, TEXAS

The Empire Roofing company requested a shade solution for their business. SRP Shade provided a solution with Suspended Cantilever shades to go over the loading and unloading area.

PARKS & RECREATION



Newlin Meadows denver, colorado

This neighborhood needed a recreation area for its residents. SRP installed a standard Hexagon Hip End shade and site amenities. This allowed for a large open space to serve as a small residential park.



South Community Center GLENVILLE, OKLAHOMA

Custom made to handle heavy snow load, this Arched T-Cantilever shade was installed over an outdoor dining area. Several picnic tables are shaded below this massive structure, creating the ideal location for a family reunion or picnic!



Meadow Downs JACKSONVILLE, FLORIDA

This simple shade and picnic table dramatically improved the Meadow Downs community recreational area, transforming it into a small residential park. Residents schedule use of this area for family gatherings, birthdays, and holiday events.



Cascade Falls Aquatic Center

Featuring our Kite Shade structure, the Cascade Falls Aquatic Center boasts a robust seating area for visitors to congregate and enjoy a meal. The unique shape of these Kites add a sense of place to the overall design of the facility.

PLAYGROUNDS



Don Brewer Center JACKSONVILLE, FLORIDA

This project included three Single Post Square Umbrella shades, a swinging bench with shade, a swing set with shade, and a Rectangle Hip End shade that perfectly matched the blue accents of the playground.



YWCA

LOS ANGELES, CALIFORNIA

The two Single Post Square Umbrella shades and the large Triangle Sail shade installed at the YWCA in Los Angeles greatly improved the look, functionality, and safety of the play area.



Woodland Springs Elementary

FORTH WORTH, TEXAS

Covering the entire play structure, the two Square Modular shades make this playground safer for the children, protecting them from the harsh sun.

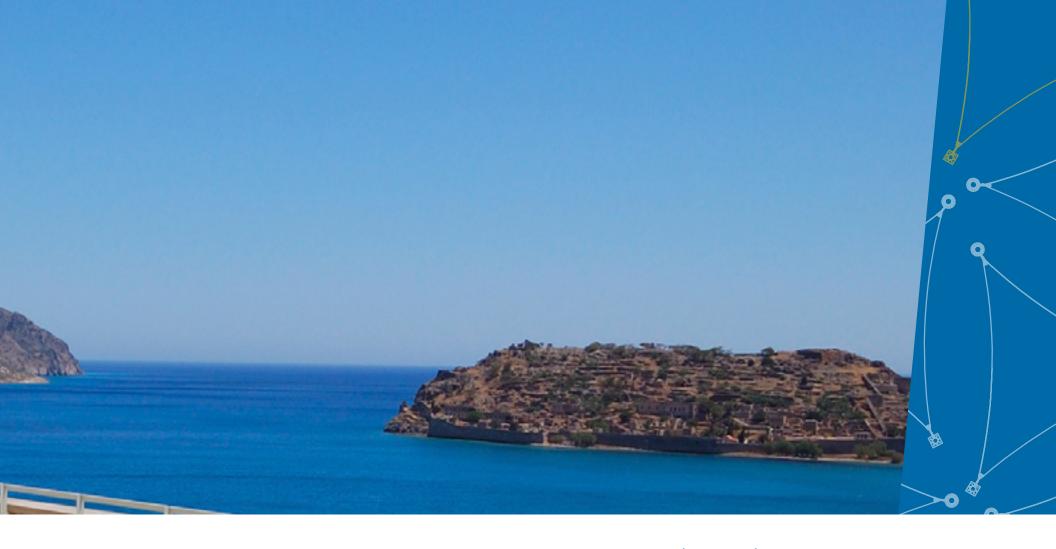


King Jesus Church

MIAMI, FLORIDA

This site included two structures, one having a Rectangle Modular shade (shown), the other having a Square Modular shade. The vivid yellow fabric complimented the colorful play structure.





SUPERIOR PRODUCTS. completed spaces.



SUPERIOR PRODUCTS

Combined, Superior Recreational Products' ten great product lines create complete site environments. From shade and shelters to site amenities and playgrounds, we are sure that our product lines will exceed your expectations!



Steel Playgrounds

SRP builds commercial outdoor play products at an affordable price, while maintaining quality and safety. We've been delivering the highest quality products with ultimate play-on power for over thirty years!



Small Water Slides

Looking for a way to upgrade your existing pool or boost membership and paying visitors? Colorful and highly visible, our slides can give your pool a fresh new look that will entertain for years to come!



Site Amenities

We offer comfortable, durable, and affordable benches, tables, and trash receptacles. With over 1,000 products in different frame styles, metal patterns, and color choices, you can easily achieve a distinctive look for your space.



Shelters

Our line of steel shelters, gazebos, and trellis structures are built with over 50 years of experience. From our popular Hexagon to our unique Duo-Top structure, SRP has or can develop a shelter to meet your space's needs.

ARCHITECTURAL SOLUTIONS

In addition to the shade products featured in this catalog, we offer our line of Skyspan umbrellas and shade structures. These commercial shades feature tensile membrane and aluminum frames.

Prefect for the hospitality market to attract and keep patrons at your facility longer.



Skyspan Sunset

Ideal for cafés, pools, and restaurants, the Sunset umbrella can be effortlessly opened and retracted.



Skyspan Vista

Our popular Vista Cantilever umbrella reaches your space without the barrier of a vertical column. The Vista also features an unique pivoting feature.



Skyspan Hypar

Ideal for shading pools and guest areas, our Hypar umbrellas feature a low-profile canopy that will not obstruct your view.



Skyspan Wavecrest

This sleek style is ideal for driving ranges, vehicle protection, walkways, pool seating, and bleachers. This design offers extended coverage of use areas.

BENEFITS, FEATURES, AND COLORS

At Superior Recreational Products, we provide superior shade products for virtually every outdoor location — no matter the size or shape. Our 20 years of experience in the shade industry has allowed us to provide our customers with top-rated designs, with top-rated standards, from coast to coast.

BENEFITS

- In-house engineering team allows for quick turnaround from order to delivery.
- Super durable powder coating, which carries a 5 year warranty.
- Available fabric to meet California State Fire
 Marshal requirements, NFPA 701, and ASTM E84.
- SRP Shade fabrics block up to 97% of harmful UV rays and provide hail protection.
- 80% water repellent, UV stabilized high density polyethylene fabric.
- Fabric breathes allowing hot air to rise and escape, thus creating a cooler environment.
- Shades are engineered to withstand high speed winds. When inclement weather calls for shade removal, our patent-pending Glide Elbow™ quick release mechanism allows for quick and easy removal (and re-installation) of shade fabric.

GLIDE ELBOW™

Our revolutionary, patent-pending Glide Elbow™ mechanism was designed with you, the owner, in mind. With our Glide Elbow™, installation and removal of your fabric is completed with the use of a simple wrench or cordless drill with an appropriate sized socket. Not only does our Glide Elbow™ make updating fabric easier, it allows you to easily remove fabric for severe weather. Additionally, metal-onmetal wear is minimized with our fabric hook connection.





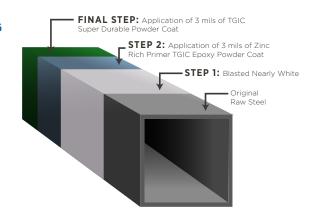
STEP 1: Use a small allen wrench to remove the protective cover to reveal drive nut inside of the elbow.



STEP 2: Use a wrench or power drill (with appropriately sized socket) to loosen the tension by rotating the drive nut. Remove fabric.

SUPER DURABLE POWDER COATING

All of SRP's shade products include a 3-step powder coat finish, which eliminates worry of corrosion and fading even in the harshest of environments.



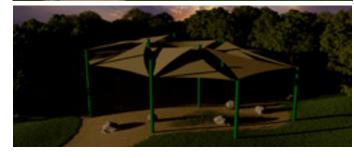
MADE IN THE U.S.A.

SOLAR ANALYSIS

Our designers use state-of-the-art software to simulate shade coverage during a given time period based on geographic location and sunlight patterns. This simulation can help in the design process by allowing our designers to adjust a shade's design so that our clients can enjoy the most shade. **Solar analysis is only available upon request and may extend lead time.**







COLOR OPTIONS

FABRIC COLORS



Our great selection of fabric colors are all fire retardant and pass the NFPA 701 and ASTM E84 tests. Fabric colors marked with "CFM" are California Fire Marshal certified, which is the highest standard for flame resistance.

POWDER COATED METAL COLORS



White

WARRANTY

TERMS AND CONDITIONS

GENERAL CONDITIONS

The warranty set forth shall be the purchaser's sole and exclusive warranty. All warranties below are effective from the date of delivery by Superior Shade, its subsidiaries, or agents. Superior Shade reserves the right to repair or replace any item covered by this warranty.

- This warranty will be void if the structures are not paid for in full. The warranty is void if the structures are not installed in strict compliance with the manufacturer specifications.
- Purchaser shall notify Superior Shade or its agent in writing detailing any defect for which a warranty claim is being made.
- Superior Shade shall not in any event be liable for indirect, special, consequential or liquidated damages.
- Superior Shade specifically denies the implied warranties of fitness for a particular purpose and merchantability.
- The warranty is void if any changes, modifications, additions or attachments are made to the structures or fabric without the written consent of the manufacturer.
- No signs, objects, ornaments, fans, lights, fixtures
 or decorations may be hung from the top part
 of the structure, unless specifically designed and
 engineered by the manufacturer. These items may
 interfere with the fabric causing the warranty to
 be voided

 1 year limited warranty on all moving parts and any item not specifically listed above.

THREAD

Thread shall be 100% expanded PTFE fiber that is high strength and low shrinkage, which carries a 10 year warranty. This warranties that the sewing thread will be free from defects in material and workmanship and will not be damaged by exposure to sunlight, weather and water. All other warranties disclaimed.

FABRIC

Superior Shade fabrics carry a ten-year limited manufacturer's warranty from the date of delivery against failure from significant fading*, deterioration, breakdown, outdoor heat, cold, or discoloration. Should the fabric need to be replaced under the warranty, Superior Shade will manufacture and ship a new fabric at no charge for the first six years, thereafter pro-rated at 18% per annum over the last four years.

*The colors Red and Yellow are warranted against significant fading for only two years.

If the corners of the fabric are equipped with both holes in the fabric corner PLUS reinforcing straps, BOTH the strap and fabric hole must be placed over each corner hook or the fabric warranty is void.

Fabric curtains, valences or flat vertical panels are not covered under the warranty.

Fabric is not warranted where it is installed on a structure that is not engineered and built by Superior Shade or its agents.

This warranty shall be void if damage to or failure to the shade structure is caused by contact with chemicals, chlorine, bleaching agents, hydrocarbons or hydrocarbon containing solvents, misuse, vandalism or any act of God, including but not limited to wind in excess of the wind limitations set forth below.

All fabric tops are warranted for sustained winds up to 76mph (hurricane force 1) and for gusts of up to 3 seconds duration up to 90mph. Removal of the shade fabric is required if damaging winds are called for. Damage due to snow and/or ice accumulation is not covered by this warranty. Canopies should be removed during the "off season".

These structures have been designed to eliminate any friction between the rafters and the fabric. The warranty will, therefore, be voided if any modification (temporary or permanent) is made to the rafter, cross pieces or ridge beams, or if the fastening apparatus is not secured accordingly.

Superior Shade reserves the right, in cases where certain fabric colors have been discontinued, to offer the customer a choice of available colors to replace the warranted fabric of the discontinued color. The company does not warrant that any particular color will be available for any period of time and reserves the right to discontinue any color for any reason it may determine, without recourse by the owner of the discontinued fabric color.

STEEL STRUCTURE

The structural steel frames are covered for a period of twenty years against failure due to rust-through corrosion under normal environmental conditions.

Workmanship is warranted for a period of five years.

Structures are warranted for winds up to 90 mph only if shade canopies have been removed as per requirement set forth above in the fabric paragraph.

Removal and re-installation must be performed by a qualified person or authorized dealer following the instructions in APPENDIX A below.

This steel warranty shall be void if damage to the steel frame is caused by the installer or from physical damage, damage by salt spray or sprinkler systems, contact with chemicals, chlorine, pollution, misuse, vandalism, or any act of God.

POWDER COAT FINISH

The Limited Warranty for Powder Coating provides for the following after a five year exposure period when applied according to the recommendations listed on the product's technical data sheet and appropriate surface preparation has been utilized.

- The coatings shall retain their original color with a ΔE of < 7.5 units for high chroma colors, (Yellows, Reds, Oranges, Etc.) and a ΔE of < 5.0 units for low chroma colors, when tested in accordance with ASTM D 2244.
- The coating shall retain a minimum of 50% of its original gloss level after washing, when tested in accordance with ASTM D 523.
- The coating shall exhibit chalking no worse than a numerical rating of 6, when evaluated in accordance with ASTM D 659-80.

ACTS OF NATURE

This warranty does not cover natural disasters, such as earthquakes, shifts of terrain, or tornadoes. If the structure is installed in an area exposed to hurricanes, removal of the shade fabric is required when a hurricane warning is issued.

APPENDIX A: PROPER CARE, MAINTENANCE AND SAFE REMOVAL OF THE SHADE CANOPY

AVOID

SNOW, ICE, AND HIGH WINDS: Remove the canopy in winter conditions as ice and snow loads are not covered by the warranty. The same goes for winds in excess of hurricane force 1.

SHARP OBJECTS: Always avoid dragging the fabric across surfaces, etc. Roll or fold the fabric and carry it. Avoid sharp objects, bolts, snags, and other protrusions including mounting hardware.

OBSTRUCTIONS: Keep foliage, such as tree limbs, shrubbery, and bushes, trimmed back and away from fabric at least three to four feet.

SOURCES OF HEAT: Avoid contact with heat sources such as hot lights, torches, and avoid using grills, etc. under the fabric.

CLEANING THE FABRIC

The fabric itself is generally maintenance free with the exception of necessary removal due to weather or seasonal requirements. The fabric does not harbor mildew or mold, but residues such as tree sap, leaves, bird droppings, dust and dirt may need to be removed. To clean the fabric, use water and mild soap. A soft mop or soft broom may also be used. Cleaners that do not contain hydrocarbons, solvents, bleach or ammonia may be used. Use of solvents, hydrocarbons, bleach, and ammonia type cleaners will void the fabric warranty. A pressure washer may be used if necessary using a widespray nozzle.

CABLES AND HARDWARE

It is recommended that the cables be replaced every 3 to 4 years or if corrosion is visible, whichever comes first. The cable ends must be wrapped with tape to secure any wires; thus, preventing the wires from tearing the fabric. Taping must be done when removing old cable as well as when installing new cable. Clamps should be replaced when the cable is replaced. If the cable appears slack on a still day (no wind), immediately have the cable and clamps re-tightened by a qualified person. The cable should not be slack.

GLIDE ELBOW™ (PAGE 28)

Lubricate Glide Elbows™ annually and before operating. A waterproof grease is recommended such as a lithium-based grease or anti-seize thread lubricant.

STORAGE

Fabric must be stored in a clean, dry place free from snags, sharp edges, etcetera. The storage area must be rodent-free. Wrap all hardware fittings with rags or some other protector, as they can damage the fabric.

UNINSTALLING THE SHADE CANOPY

NECESSARY CARE

It is important to take necessary care when handling the fabric during removal and installation to prevent damage to the fabric as well as SAFE control of the fabric in a breeze or wind. The fabric is tough and engineered for use as a shade, but it can tear or cut when or if pulled over a snag or sharp item; it can puncture from bolts or other protruding objects; and it can melt from objects such as like cigarettes, matches, hot torch tips, sparks and the like. In addition, care must be exercised to avoid the fabric hooks after the fabric is unhooked from the elbow corners

and sides of the structure where there are intermediate supports. It is best to wrap any connected mounting hardware to prevent it from harming the fabric.

PROPER AND SAFE

Based on the size of the canopy, several persons may be needed to properly and safely handle the fabric during the uninstalling process. You will need several commercial ladders or other means to work safely at heights such as scissor lifts, etc. It is advised that you pad the post side of the ladder and tie the ladder to the post. The pad is to protect the post finish. Also keep in mind that every 100 square feet of fabric (10' X 10') weighs approximately five pounds; a large canopy can get heavy fast. For proper control of the fabric, read below. It is best to remove the fabric on a still day. Do not attempt to remove the canopy in strong or gusty winds.

REMOVAL OF THE CANOPY

Do not attempt to remove the canopy in strong or gusty winds.

STANDARD FL BOWS: For shade structures with Standard Flbows, loosen the turnbuckle several turns in order to put enough slack in the cable to allow the fabric and cable to unhook from all the elbow hooks. Attach 3/8" or larger ropes to each corner of the fabric and cable before unhooking to secure and properly control the fabric from ground level. If uninstalling in breezy conditions, choose the windy side of the fabric and tie these corners to the posts with the ropes with enough slack to allow for unhooking the fabric from the structure. These ropes are to prevent the shade from flying away in the breeze and to help prevent iniury to ground personnel. Once the corners have been secured to the posts, unhook the fabric and cables from each corner.

On the side away from the wind, release the corners of the fabric and cable and have a person hold on to each rope. It may help to wrap the rope around a column to help hold it from getting caught in the wind. Fold the fabric back away from the hooks. Now it will be necessary to remove the cable clamps to allow the cable to be free from the structure and the turnbuckle. If the cable ends are frayed, wrap them with tape. It is usually not necessary nor is it recommended that the cable be removed from the canopy. With a person on each rope, starting at the windy side, gently pull the canopy down in between the framework of the structure. The side away from the wind can be guided with the ropes toward the persons pulling the canopy down.

It is important when reinstalling the canopy, that it is put back in its original orientation to the structure. Starting at the turnbuckle corner, the fabric and cable corners should be returned to their original positions.

GLIDE FLBOWS: For shade structures with Glide Elbows, remove the protective covers from the ends of the glide elbows. Then, using the proper wrench, turn the hex nuts on the end of the Glide Elbow to run the glide hooks to their top most position. Do no loosen the cable clamps, leave the cable intact. Attach 3/8" ropes to each corner of the fabric and cable before unhooking to secure and properly control the fabric from ground level. If uninstalling in breezy conditions, choose the windy side of the fabric and tie these corners to the posts with the ropes with enough slack to allow for unhooking the fabric from the structure. These ropes are to prevent the shade from flying away in the wind and to help prevent injury to ground personnel. Once the corners have been secured to the posts, unhook the fabric and cables. On the side away from the wind, release the corners of the fabric and cable and have a person hold on to each rope. Fold the fabric back away from the hooks. It is a good idea to put the Glide Elbow protective covers back in place. With Glide Elbow

installations it is not necessary to loosen or remove the cable clamps nor to remove the cable from the canopy. If the cable ends are fraved, wrap them with tape. When uninstalling the canopy, mark or identify the corner of origin in such a way that when reinstalling the canopy, it is put back in its original orientation to the structure. The fabric and cable corners should be returned to their original positions when reinstalling the canopy. The cable and fabric should tighten properly when the glide elbows are adjusted down into their tension positions.

SHADE SAILS WITH FANS: For shade sails equipped with fans, loosen the adjustable threaded rod several turns in order to put enough slack in the cable to allow the shackle pin to be removed (do not remove the pins until the fabric corners have been secured with ropes). Attach 3/8" or larger ropes to each corner of the fabric and fan before unhooking to secure and properly control the fabric from ground level. If uninstalling in breezy conditions, choose the windy side of the fabric and tie these corners to the posts with the ropes with enough slack to allow for unhooking the shackle from the structure. These ropes are to prevent the shade from flying away in the breeze and to help prevent injury to ground personnel. Once the corners have been secured to the posts, unhook the shackles and lower the fabric and cable to the ground.

REINSTALLING HINTS

Using the same rope technique, install from the windy side (if it is breezy) making sure to secure these ropes to the posts. Then, throw the remaining corner ropes over the structure and gently pull the canopy into position. The cables and fabric corners can now be fastened on the hooks (and cable guides if so equipped). Next reinstall the clamps if applicable and tightened the cable with the turnbuckle or the Glide Elbows. Do not attempt to install the canopy in strong or gusty winds.



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