

Solar Shade Structures
For All Occasions

Sun, Heat, Hail & UV Protection Systems



Why Superior Shade?

At Superior Shade, our name is our promise:

To provide superior shade products for virtually every type of playground and other outdoor situation - no matter the size, shape or location.

- 14 Years experience in the shade industry.
- Consistent Design standards from coast to coast - no "Lite" version.
- ISO 9001:2000 registered manufacturing facility.
- In-House engineering
- Quick turnaround from order to delivery
- Expanded personal customer service team for your shade design needs and questions.



Need for Shade

The Sun's Danger

One in five Americans develops skin cancer during their lifetime. The American Cancer Society estimates that there will be more than 60,000 new cases of melanoma (the most dangerous form of skin cancer) in the US in 2008. Sun exposure during childhood accounts for 80% of the total lifetime sun exposure. The average child under age 16 gets 3 times more sun exposure than the average adult annually. Early sun exposure is a major risk factor for melanoma. It is also one of the major risk factors for other forms of cancer and early aging of the skin. You can make a difference by providing outdoor sun protection.

Infants under six months of age should be kept out of direct sun and covered by protective clothing. Infants are especially at risk because their melanin (the skin pigment that provides a small amount of sun protection) is not fully developed. Parents, schools, child care centers and teachers have a responsibility to protect children by providing shade and teaching the children the benefits of sun protection.

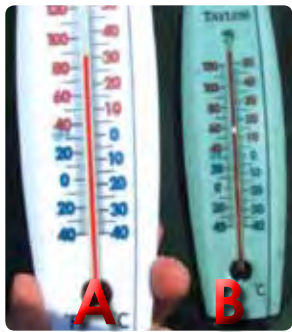
- The sun's light, whether direct or reflected, contains ultraviolet rays, commonly known as UVA and UVB.
- UVA rays cause skin damage by drying skin cells and creating wrinkles.
- UVB rays are cancer causing rays which damage the skin surface, and can last a lifetime.
- With the growing concern over sun exposure and the alarming increase of skin cancer cases, more people are seeking shade.
- It's estimated that protection from the sun's rays can prevent 90% of all cases of skin cancer.
- Skin cancer prevention practices include avoiding excessive skin exposure during midday hours.



Auto Protection

Heat: The interior temperature of a car parked in direct sun will rise, on average, 40°F within one hour, regardless of outside temperature. Opening windows, even as much as 2 inches does little to alleviate the heat buildup.

Hail: Around 4,800 hail storms strike the United States annually. Property damage in 2001 from hail topped out at over \$2.4 Billion. The average cost to repair a hail-damaged vehicle is over \$1,500.



Thermometer A shows outside temperature, thermometer B shows interior vehicle temperature after one half hour in direct sun, note 40° difference.



Play Cooler

The U.S. Consumer Product Safety Commission (CPSC) advises parents to check for hot surfaces on metal playground equipment before allowing young children to play on it. Solid steel decks, slides or steps in direct sunlight may reach temperatures high enough to cause serious contact burn injuries in a matter of seconds.

CPSC knows of incidents in which children suffered second and third degree burns to their hands, legs and buttocks when they sat on metal stairs, decks or slides. Young children are most at risk because, unlike older children who react quickly by pulling away their hands or by getting off a hot surface, very young children may remain in place when they contact a hot surface.

Source:
<http://www.cpsc.gov/cpscpub/pubs/5036.html>



Shade Structures

Squares & Rectangles

Square and Rectangular shapes are great for:

- Picnic areas
- Water parks and pool decks
- Playgrounds
- Bleachers
- Dugouts
- Concession Areas

Our versatile Square and Rectangular designs deliver remarkably efficient and economical shade protection.

They are available in a wide variety of sizes, heights, colors and fabrics - all of which can be coordinated to meet your location's individual requirements.

And when storms and/or winter weather necessitate temporary removal of canopies, our quick-release Glide Elbow comes to the rescue with just a few turns of a wrench.



Sails

When you have a project that you want to truly stand out - or when you have an odd-shaped location where post locations must conform to restrictions - our Sail designs are the solution.

You name it - whether it's an amphitheater, a sports field or a large spectator seating area - our distinctive Sail shape will both serve your location and set it apart in excellent style.



Modular

Planning a playground project? Integrate shade into your structure with our modular shade roofs. Modular shade roofs keep your kids protected from the sun's rays while they play, keeps your equipment cool to the touch and makes a bold visual statement.

Contact us for information about playground compatibility.



Shade Structures

Polygons

If you want to create a more unusual, creative look, our polygon structures provide the right touch. Of course they still deliver all the protection and durability of our other shapes - they just do it with more flair.

So let your imagination go. Our designers will work with you to produce a fresh, colorful structure that will express your location's unique personality.

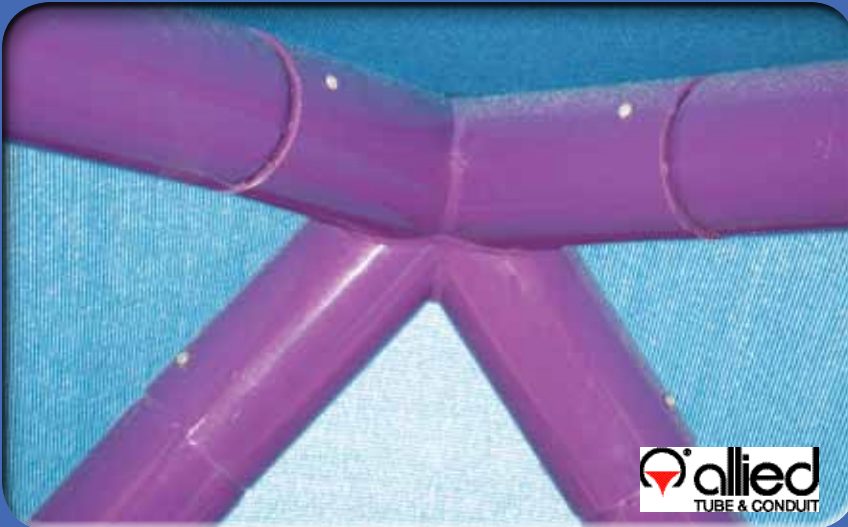


Cantilever

Many locations require the use of as few posts and/or footings as possible. The Cantilever is our most effective design in those areas. It is engineered to provide maximum shade with minimal obstructions. Our Cantilever designs are available in a number of different overhangs, lengths and heights - all of which offer the same fabric styles, colors and easy-fastening features of our other shapes.



Superior Protection



- Protect your investment with products perfect for playgrounds, parking lots and anywhere you need protection from the sun or hail
- Our fabrics provide up to 80% water repellency
- Your playstructures will be cooler to the touch - protecting children from dangerous burn potential
- Our fabrics provide up to 97% UV block, protecting children and adults from harmful skin-damaging sunburns.
- Around sports fields, our canopies provide protection from misdirected, high flying balls
- Our superior Glide Elbow enables you to remove and reinstall canopies quickly in case severe weather is in the forecast
- Both our high-gloss powder coated steel frames and outstanding UV block fabrics come in a wide variety of colors, which you can match as you choose
- We utilize state of the art laser cutting processes to produce the strongest, most precise weld joints in the industry

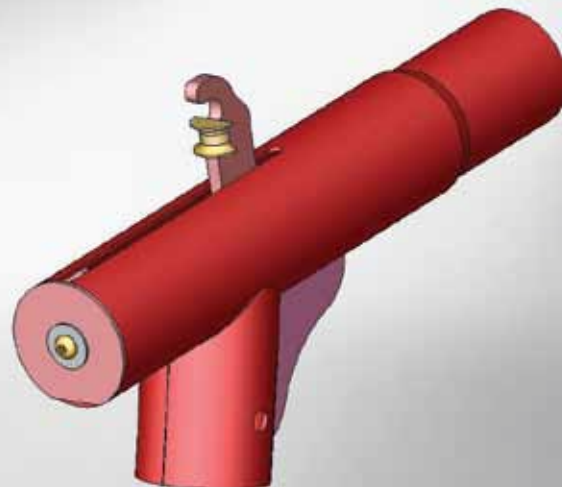
Glide Elbow

Our revolutionary, patent pending, **Glide Elbow** was designed with you, the owner, in mind.

In case of unusual or forecasted weather, such as tornadoes, hurricanes or snow storms, the fabric can be removed quickly and safely.

Easy installation and removal of your fabric is completed with the use of a simple wrench.

Our **Glide Elbow**, not the weather, will be in control of your investment for many years to come.



Shapes & Colors

Standard Configurations



Single Post Square



Single Post Polygon



Square



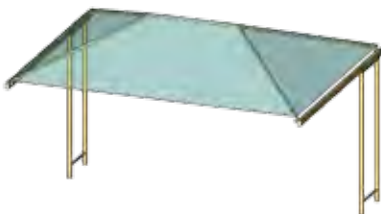
Rectangle



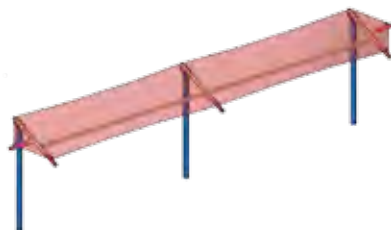
"T" Cantilever



2 or 3 Column Umbrella



Cantilever



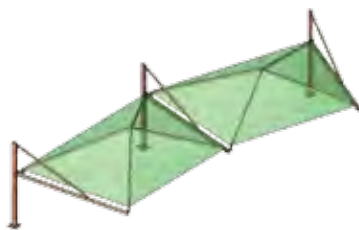
Flat Cantilever



4 Column Sahara



6 Column Sahara



Single Column Cantilever



Quad Sail



Sails



Sail Square



Sail Triangle

Custom Designs

Got a Custom Space? We have you Covered.

We've yet to meet a space that we couldn't figure out how to protect and beautify. So don't hesitate to talk to us about your most difficult project. We love to solve a shade challenge as economically and creatively as possible!



Available Powdercoat Colors



Purple



Teal



Green



Yellow



Blue



Fuschia



Burgundy



Black



Orange



Red



Tan



Brown



White

Due to printing process, colors may vary from actual product. Please contact your dealer for color samples.

Available Fabric Colors



Sunblaze

95% Shade Cover
97% UV Block Out



Silver

97% Shade Cover
97% UV Block Out



Beige

97% Shade Cover
95% UV Block Out



Cream

95% Shade Cover
95% UV Block Out



Yellow

95% Shade Cover
93% UV Block Out



Forest Green

97% Shade Cover
97% UV Block Out



Turquoise

98% Shade Cover
95% UV Block Out



Black

96% Shade Cover
95% UV Block Out



Rivergum
Green

96% Shade Cover
93% UV Block Out



Sky Blue

95% Shade Cover
97% UV Block Out



True Blue

97% Shade Cover
94% UV Block Out



Navy Blue

96% Shade Cover
99% UV Block Out

Due to printing process, colors may vary from actual product. Please contact your dealer for color samples.

Warranty & Specs

Superior Shade™ Shade Netting:

- 10 year limited warranty
- UV stabilized high density polyethylene ASTM 84
- Blocks up to 97% of harmful UV rays
- Provides up to 91% shade
- 20 degrees cooler than conventional steel roofs
- Available fabric to meet California State Fire Marshal requirements, NFPA 701 and ASTM E84
- Fade resistant
- Mildew and rot resistant
- 80% water repellent
- Fabric breathes allowing hot air to rise and escape, creating a cool cushion underneath
- Provides hail protection
- Available in a wide variety of colors
- Fabric will not sag or loosen over time

Superior Shade™ Structural Specs:

- Engineered to withstand hurricane force 1 winds with fabric installed; up to 150mph winds with fabric removed.
- Meets uniform building codes ASTM A-36, A-53, A500, A513 and A-569
- Custom design for superior strength
- Durable and corrosion resistant
- 20 year limited warranty against failure due to rust through corrosion.
- Bolts and steel meet ASTM guidelines
- Tension cables meet ASTM A-603 guidelines



Shipping

- All freight charges are FOB Carrollton, Georgia U.S.A.
- Freight Charges are not included in selling price.

Warranty

- Superior Shade products are warranted to the original purchaser against defects in workmanship and material
- Please contact your representative for complete warranty details.



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