



Carolina Shade Sails, LLC
(336)-392-8602
A Partner with Apollo Sunguard

Best Quality Steel

We use structural steel and Allied Steel products made from cold-rolled, galvanized tubular steel with a triple layer of protection. Allied products outperform most steels in tensile strength and long-term corrosion resistance, as well as saltwater spray and other weathering tests.

The Welds

We use a special galvanized welding wire and then triple treat each weld with ZRC coating for extra corrosion protection.

Our Structures

Our structures are designed with commercial grade stainless steel hardware and can be removed with ease. Our structures are uniquely designed with a quick release system to remove the fabric. NO special tools are required. You just loosen the turnbuckles, u-clamps with a standard adjustable wrench and you're done! This is the easiest and most practical release system in the shade structure industry.

Best Quality Fabric

Our Shade Cloth is known for its great strength, vibrant colors and durability. We use a high density polyethylene fabric with ultraviolet additives. The fabric is Rachel knitted which ensures fabric stability and prevents the fabric from fraying, even when cut. This special knit also ensures a consistent shade pattern.

Technical Specs: Fabric Burst Strength: 228 kpa up to 260 kpa
 Tear strength: 296 lbs (warp) 306 lbs (weft)

The Corners

We triple reinforce all connecting points. Each connecting point has vinyl sewn into the interior to further reinforce the corner. In addition, the corners are designed to conceal the tensioning cable to give clean, smooth lines.

The Thread

Our advanced stitching thread is an expanded PTFE (a unique polymer, very different from polyester) from the W.L. Gore Company. The thread is non-aging, carries a lifetime guarantee and will not rot due to ultraviolet exposure or other environmental causes.

The Cable

We use a special galvanized cable to tension the fabric perimeter. This ensures long-term durability for the cable and fabric.

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(336) 392-8602 CarolinaShade@gmail.com - www.CarolinaShadeSails.com - www.apollosunguard.com

The Warranty (Non-Prorated)

We have the best warranty in the industry. We warranty all steel framework for 20 years and all fabric covers for 15 years. **This is a non-prorated warranty.** For further information, please contact us for our Certificate of Warranty.

Fire Safety

Carolina Shade Sails & Apollo Sunguard fabric passes the ASTM E-84 fire rating test as well as the NFPA 255 and NFPA-701, and is rated a Class 1 Material.

Federal Recognition

We are an approved vendor to the Federal Government and has been awarded a GSA contract. We are proud to have our structures protecting military personnel all over the world!

Ultraviolet Protection

Our fabric is tested by an independent laboratory and a large selection of colors meet a minimum of 93% UV block as recommended by the American Academy of Dermatology (AAD). The breathable fabric allows for air flow and drops the temperature up to 20 degrees.

Superior Engineering

We design shade structures that are architecturally appealing and functional, providing the most effective shade solutions. They are made from the best materials and are strong enough to meet or exceed all building code requirements. They can endure the harshest weather conditions and can withstand winds up to 170 mph (120 mph with the cover on). They are also designed for 140 to 170 mph wind-borne debris regions as specified by the American Society of Civil Engineers Standard (ASCE 07-10).

Customer Service Excellence

Our team is committed to meeting your shade needs. We believe customer satisfaction is the cornerstone of every successful business. We strive to deliver consistent, high quality customer service and support at all times. We provide courteous, prompt, professional service for our customers. At Carolina Shade Sails & Apollo Sunguard, we are absolutely committed to providing our customers with the very highest level of customer service and quality assurance. We appreciate you and your business. Our professional staff of shade experts, innovative engineers and designers, and customer service representatives, as well as our large network of dealers and sales representatives throughout the world, will ensure your project is a success.



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