Carolina Shade Sails

SQUARE
Standard Structure

Features & Benefits

- Sunguard Shade Cloth® provides up to 96% UV protection
- Breathable shade cloth lowers ambient temperatures up to 20 degrees
- Fade, rot and mildew resistant
- Engineered to meet applicable International Building Codes
- Wind rating up to 115 mph with cover; 185 mph without cover (*note: covers must be removed when winds are forecasted greater than 90 mph*)
- 80% water repellent (note: waterproof fabric is available in limited colors)
- Holds up to 5 lbs. snow load, 10 lbs. live load
- Huge steel and fabric color selection
- In-House Engineering and Design Department
- Hot dip galvanizing available for marine environments
- All structures have a powder coat finish; galvanized finish available upon

Applications

- Playgrounds
- Sandboxes
- Outdoor Dining
- Basketball Courts
- Car Washes
- Picnic Tables
- Pool Decks
- Outdoor Classrooms
- And much more!

Why Choose Carolina Shade Sails?

- **Fabric:** Sunguard Shade Cloth® is strong, vibrant, and durable. The high-density polyethylene fabric with UV additives is Raschel knitted to ensure stability and a consistent shade pattern.
- **Thread:** PTFE (polymer) thread used for stitching is guaranteed not to rot due to UV exposure or other environmental causes.
- **Corners:** Reinforced, heat-sealed with vinyl interfacing sewn between layers.
- **Cable & Fasteners:** Tensioning cable is galvanized steel; fasteners are commercial grade stainless steel.
- **Modular Design:** Structures are designed to be interconnected to form infinite lengths of shade.
- **Quick & Easy Cover Removal:** No special tools required. Just loosen the turnbuckles or u-clamps with a standard wrench and you're done!

STRONGEST NON-PRORATED WARRANTY!

15 Years Fabric & 20 Years Steel

	Minimum Size	Maximum Size
Square	10’ x 10’	42' x 42’

Standard height of 8’-12’ - Custom sizes and heights available upon request.

Installation

- All structures must be installed per factory specification. Hardware provided includes stainless steel bolts, galvanized cable, turnbuckles and u-clamps. *Apollo Sunguard does not supply anchor bolts.*
- Structures are direct embedment or surface mount on new footers poured to specifications.
- Certain sizes can also be surface mounted on existing concrete slab (minimum 4.5” thick). If installed on existing concrete, columns must be a minimum of one foot away from edge of concrete.
- All structures have a powder coat finish. Galvanized finish is available for sizes up to 22’ x 40’
- Footers require rebar. Footing requirements vary according to structure size. Footers can be recessed.

Fire Safety

All of our 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.

Available in 19 Vibrant Colors!

Black Shade: 95% UV Block: 96%	Rain Forest Green Shade: 89% UV Block: 96%	Laguna Blue Shade: 92% UV Block: 96%	Olive Shade: 89% UV Block: 95%	Sunflower Yellow Shade: 70% UV Block: 94%	Silver Shade: 88% UV Block: 93%
Royal Blue Shade: 86% UV Block: 94%	Cappuccino Shade: 92% UV Block: 94%	Atomic Orange Shade: 83% UV Block: 93%	Purple Shade: 83% UV Block: 91%	Navy Blue Shade: 90% UV Block: 94%	Acacia Shade: 80% UV Block: 95%	Two Tone Blue Shade: 75% UV Block: 83%
Terra Cotta Shade: 84% UV Block: 90%	Blue/White Striped Shade: 60% UV Block: 87%	Turquoise Shade: 83% UV Block: 92%	Red Shade: 91% UV Block: 92%	Desert Sand Shade: 80% UV Block: 92%	Lime Green Shade: 84% UV Block: 92%

MADE IN U. S. A.

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