



## **10 Reasons to Own a** **Sunstar Cover**

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### **1- GHSG Heat Seal Gasket**

With the high cost of energy these days, it is critical that your spa cover keeps the heat in. Where many other manufacturers may overlook this necessity, our GHSG Heat seal Gaskets are designed with special insulation that saves heat and prevents moisture loss. This is critical to long-term energy savings.

### **2 - High Quality EPS Foam**

Sunstar's foam cores are made to the highest quality standards using the best available technology. Where many competitors use regrind in their foam cores to save them money, we use only virgin foam in our covers, to save you money. This untouched foam provides you a stronger, more durable and energy efficient cover.

### **3 - Antaeus 2000 Vapor Seal**

Sunstar's EXCLUSIVE, specially formulated plastic is four times more effective than the typically used 3 mil clear plastic. A Perfect Heat Seam seals the Antaeus 2000 plastic around each foam core. Sunstar uses an impulse sealer that makes a perfect seam using exactly the right combination of temperature, pressure and timing. All human variable are eliminated so your cover gets a perfect seal every time.

### **4 - Safety Ratings**

Every cover meets the ASTM Safety Cover Standard and is UL Classified.

### **5 - Warranty**

Three Year Non-Prorated Warranty. No fine print.

### **6 - Color Selection**

Choose from a variety of designer colors that match any decor.

### **7 - Designed to Fit**

Compete source of all covers to fit your spa.

### **8 - Custom Options**

Three and four piece covers to fit any lip mounted gazebo.

### **9 - Over 25 Years of craftsmanship, consistency and innovations!**

### **10 - The original**

No other manufacturer can match the quality and pride that goes into a Sunstar spa top.



# Quality Spa Covers & Accessories

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## Cover Specifications

### **TOP VINYL**

Best Quality Marine Grade Expanded Vinyl treated with Mildew and UV inhibitors for year-round beauty. Has a -20 degree cold crack. Tested to 1500 UV hours. 11 colors to choose from at no added cost. ***Match any patio decor while maintaining the look and quality of your spa cover***

### **BOTTOM VINYL**

Scuff resistant double-laminate vinyl with polyester weft reinforcing scrim. Mildew resistant, with -40 degree cold crack. ***So tough we use it throughout our cover for extra internal reinforcement where it is needed most.***

### **FOAM CORES**

1.5 lb Tapered 3.5" to 2.5" EPS Foam. Allows water runoff. ***Strong, yet light weight, making covers easy to handle and provide more than adequate insulation (R Value 12.0). Optional 2lb DURA FOAM (R value 13.2). Sunstar uses only Virgin Foam to provide you with a more durable, water resistant cover.***

### **VAPOR LOCK SEAL (Foam Seal)**

Our Exclusive scientifically formulated plastic, ANTAEUS 2000 is far more resistant to water vapor transmission than ordinary plastics. Sunstar seals the Antaeus 2000 with state-of-the-art impulse sealing equipment. Our equipment makes a perfect seam by applying exactly the right amount of pressure, exactly the right amount of heat, and a properly timed cooling rate all automatically. There is no quality variation like you find with hand-held sealing techniques. ***Sunstar's perfect seam coupled with the strength of Antaeus 2000 provides you with long lasting foam cores that won't become water logged.***

### **HEAT SEAL GASKETS**

Our revolutionary insulating gasket seal prevents heat loss where the two cover halves fold together. They seal automatically when the cover is shut. ***Critical to long-term energy savings. Payback on energy savings is typically seen in less than 12 months, according to independent testing. Also protects the bottom of the cover from abrasion. The Heat Seal Gaskets and design are a Sunstar innovation.***

### **SURE-LOC FASTENER**

SURE-LOCS are modeled after the quick-release buckles found on sports equipment and were designed specifically for spas. Each lock may be locked individually with a key, and meet ASTM Safety Standards for Locking Hardware. Made of super tough acetate nylon, they are quickly installed with three stainless steel screws. ***Our fasteners are non-corrosive and color coordinated and provide the added safety needed around a Spa.***

### **STEEL REINFORCEMENT**

24 gauge "C" Channel provides strong support across the center of the cover.



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## Cover Specifications

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### **DRAIN GROMMET**

These “low profile” grommets are another Sunstar exclusive, placed on the underside of the cover to prevent water from accumulating between the vinyl and the foam core. Made of industrial grade nylon, these non-corrosive grommets are made to not protrude, therefore they won't scratch the lip of the spa as the cover is slid off.

### **HANDLES AND TIE-DOWN STRAPS**

Our handles and tie-down straps each have multiple layers of internal reinforcing. Handles are super strong and have foam padding inside for comfort and longer life. Tie-downs have reinforcing inside the strap and on the inside of the cover at both the top and bottom seams.

### **ZIPPER**

We use a commercial grade nylon zipper, a true YKK#7 size. Our zippers are covered with a vinyl protective flap along the entire length of the zipper. The zipper pull is then neatly tucked away in its own pocket. ***This not only protects the zipper, but is much more attractive than exposed zippers.***

### **HINGE**

Our tough 'n sturdy hinge has four layers of vinyl for added strength to this high stress area. Our hinge was put to the test when a sunstar cover was hooked up to an automatic arm with a popular cover lift. ***The cover was lifted on and off over 6000 times with no wear to the hinge discernable!***

### **THREAD, SEWING, AND FINISHING**

We use a cotton-wound polyester thread (for strength and good looks). Treated with UV and Mildew inhibitors. In over 20 years we've never experienced thread failure. We take special pride in the quality of our sewing and finishing. You won't find sloppy backstitching, tie offs, or raw edges on a Sunstar cover. The professional sewing of our covers is still supervised by our original experts in sewing construction.

### **WARRANTY AND CUSTOMER SERVICE**

Sunstar offers a full 3-year non-prorated warranty. Flexible, efficient. We take pride that we have a loyal following base on our longlasting reputation for fair dealing.



# Safety Cover Fact Sheet

## ASTM Safety Standards

### What are ASTM standards?

ASTM (American Society of Testing and Materials) has developed a standard for Pool & Spa Covers. This Standard, ASTM F 1346-91, establishes three cover classifications: 1) Power Safety Covers, typically found on swimming pools; 2) Manual Safety Covers. Such as the Sunstar SPA TOP™ ; and 3) Other Covers, which do not serve as a barrier for children under the age of five and do not qualify as a safety cover.

### Can only Safety Covers Qualify under ASTM?

Non-safety covers can meet ASTM standards if they comply with the labeling requirements. To qualify as a safety cover you must comply with the specific requirements of the Standard which include performance tests and labeling requirements. Covers must be able to pass tests such as Static Load Tests for weight support; Perimeter Deflection Tests for entry or entrapment between the cover and the side of the pool; and Surface Drainage Tests to see if a dangerous amount of rain could collect on the cover's surface. There are also requirements to include labeling in consumer information (such as the warranty), and on the cover itself. Labeling must contain the proper warnings (as described by the Standard), and identify the product as a safety cover.

### How can you tell if a cover meets ASTM Safety Cover Standards?

The required wording must appear in packaging and consumer information on the cover stating that it meets ASTM Safety Cover standards. If it doesn't say "safety", then it only meets non-safety cover standards.

In order to legitimately bear a safety label, a cover must be able to pass the tests that satisfy the performance standards of ASTM F 1346-91.

### Four questions you should ask:

**1. Does the cover meet the ASTM Standards for a Safety Cover?** Sunstar covers meet or exceed the ASTM Standards for a Manual Safety Cover.

**2. Has the cover been tested by an independent lab for compliance with the ASTM Safety Cover Standard?** All Sunstar covers, our standard one and a half pound density Tuf Foam™, and our two pound density Dura Foam models, have been tested by Underwriters Laboratories independent lab. UL has certified with our classification Number 4Z00, that all Sunstar covers meet or exceed the ASTM Standards for Safety Covers.

**3. Will this Cover satisfy my local Building Code requirements for a safety cover?** Some cities are adopting the ASTM Standard into their codes so of course, Sunstar covers are accepted. In other areas, building inspectors have approved a variance when the Sunstar cover is used. We can provide inspectors with third-party UL documentation demonstrating that the SPA TOP meets safety requirements and complies with the ASTM Standard.

**4. Is meeting ASTM Safety Cover Standards enough?** Product liability is an important issue. That's why Sunstar has acquired written confirmation that our safety claims, based on the ASTM Standards, are approved by our liability insurance carrier.

*When a cover company makes safety claims be sure to ask about their liability insurance. Is their insurance company aware they are making safety claims and will they provide coverage? Do they have it in writing? Insurance companies can deny a claim if pertinent facts were not disclosed by the insured. So, to protect yourself, you want to be sure the cover company has adequate liability insurance.*

**You need to know that you are protected and with Sunstar you can be confident that you and your business are protected.**

| Safety Cover Check List:   | Sunstar Covers | Other Covers |
|--|----------------|--------------|
| 1. Does the cover meet the ASTM Safety Cover Standard?   | YES            |              |
| 2. Has it been tested by a reputable independent laboratory?   | YES            |              |
| 3. Can third-party documentation be provided to certify that the cover meets safety standards before it's approved for installation?   | YES            |              |
| 4. Do you have confidence in the cover company's capability and willingness to back-up their safety claims, and that they will be there to support you in the years to come? | YES            |              |