

Meyco Spa Cover Spa Safety, Installation & Care Manual



DuraCore Spa Covers are manufactured by Spa Cover Products for Meyco Pool Covers and is the maker of the patented DuraCore Solar, the first, practical, solar, spa heater built into a spa cover.
US Patent No. #11561026

Spa Cover Owner	Order #
Reseller	Cover Size
Cover Model	Cover Color
Date Installed	# of Sections

One DuraCore Solar spa cover saves approximately 1200 lbs of CO₂ each year.

Failure to follow instructions and safety precautions in this manual can result in serious injury or death. Keep this manual in a safe location for future reference.
FOR HOUSEHOLD USE ONLY.

SPA COVER SAFETY

For your safety and enjoyment of this product, please read all instructions in this installation and care manual carefully before using.

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2. Installation
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IMPORTANT SAFETY PRECAUTIONS

For your safety, please follow these safety precautions:

For more information on spa safety, please contact the Association of Pool and Spa Professionals at apsp.org

At Spa Cover Products, we care about the safety of your family and guests. As a spa and Spa Cover Products cover owner, you have a responsibility to use your spa safely and responsibly. Therefore, we are providing you with this important safety information. Failure to follow these guidelines may result in serious injury or death.

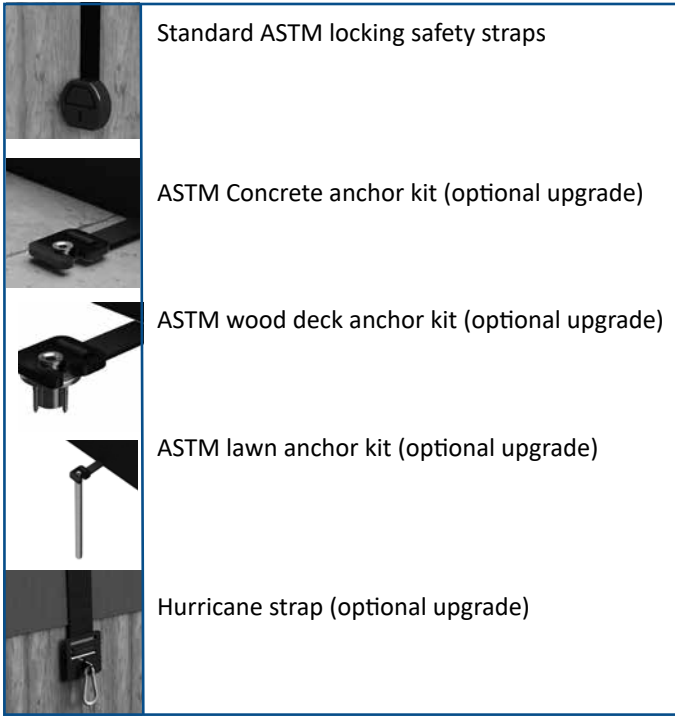
The following information is essential for the safe and effective use of your spa cover. Failure to follow any of these instructions will void your warranty.

1. **SAFETY FIRST:** Carefully read and follow all WARNINGS and safety instructions in this Manual. Failure to do so may cause serious injury or death.
2. **INSTALL** product only on the same size spa for which it was made.
3. **DO NOT** immerse your spa cover in water.

INCLUDED WITH YOUR COVER

- 1 DuraCore Spa Cover
- 1 Microfiber cloth
- 1 Care and Installation Manual
- 1 Hardware kit (based on options ordered)

COVER HARDWARE



USE AND CARE: INSTALLING YOUR SPA COVER

1. **Remove the cover** from the plastic and cardboard packaging. Do not snag the cover fabric on the box staples. If possible, recycle the box and plastic wrapping.
2. **Place the cover** on top of the spa. Position the cover so that the Warning Label is facing towards the front of the spa.
3. **Buckle installation** (for standard ASTM locking safety straps used on above-ground spas) Remove the existing buckles from your old cover that are mounted on the spa cabinet. With the cover mounted on top of the spa, allow the strap to hang loosely to the side of the spa. Hold the lower part of the buckle and detach the buckle to remove the strap. Use a pencil to mark the three hole locations for each buckle, then install three of the provided screws to secure each buckle to the spa cabinet.
4. **Buckle tension.** Adjust the length of the strap so that there is just a little tension when you secure the buckle. This is needed to create pressure on the sealing gasket of the cover.
5. **Strap use.** Buckle the cover straps to the spa after each use. This is important to maintain the proper sealing of the cover to the spa, to prevent high winds from damaging the cover.
6. **Locking the straps.** The buckles are capable of being locked using the plastic key provided. Always lock the buckles if small children have access to the spa area to prevent unauthorized entry. Straps must be pulled tight with no slack to ensure ASTM compliance.

REQUIRED TOOLS FOR OPTIONAL HARDWARE UPGRADES

Rotary hammer drill

this may be purchased from many hardware stores or rented from a tool rental shop. Common manufacturers are Bosch, Skil, Hilti, and Black & Decker.

3/4" drill bit

carbide tipped bits are normally used. Diamond tipped bits are available for longer life and more precisely round holes. If installing pipe anchors, a 15/16" or 1" drill bit will also be required.

Hammer or mallet

Tape measure

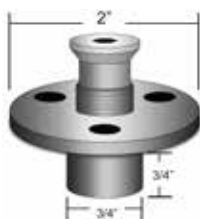
Chalk

Chalk line - to help line up anchor locations

Lubricant - a light oil or silicone spray

Optional hardware packed with your cover

BRASS ANCHORS TYPES - one for each cover strap



Wood Deck Anchor



Screw Type Anchor



Pipe Anchor

ANCHOR TAMPING TOOL used to tamp anchors into deck



HEX KEY - to rotate anchor insert to up or down position



PLEASE NOTE:

Hardware type and quantities shipped with your cover may be adjusted to fit your particular spa and decking requirements.

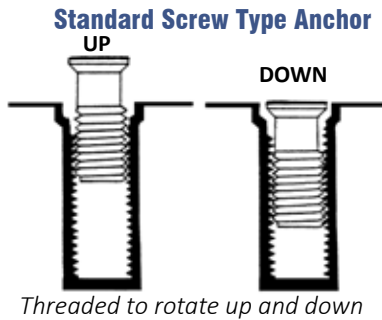
Installation into decking other than normal concrete decking may require optional or additional hardware and installation tools.

Hardware

Brass Anchors - For stable surfaces such as concrete, mortared brick or patio stone decks.

For these and other stable anchoring surfaces, anchors can be installed by simply drilling a hole with a rotary hammer drill; tamping the anchor shell into the hole; and inserting the anchor insert. A carbide tipped drill bit is often used for drilling. Diamond tipped bits are available for longer life, quicker drilling and more precisely round holes.

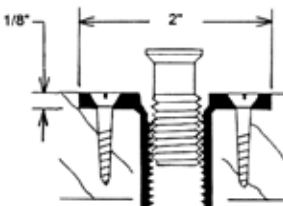
For low grade concrete decks and decks with veneer coatings, spalling or chipping may occur when drilling. It is advisable, in these cases, to use a slow-speed drill for the initial drilling, followed by the hammer drill setting to complete the hole. Brass anchor flanges are available (for screw type anchors only) to "cover" chipping around the anchor edges.



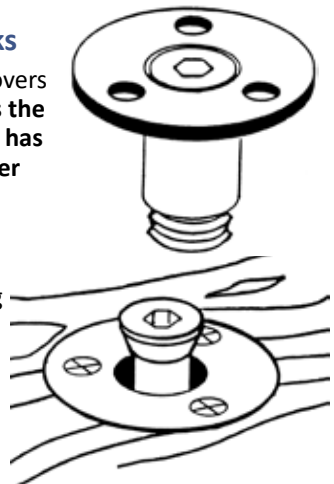
*note: to facilitate smooth operation it is recommended that anchor inserts be removed each spring and fall and dirt flushed out of shells. The brass inserts may also be lightly coated with a silicone or Teflon spray to ensure smooth operation. **Do not use oil or grease!***

Wood Deck Anchors - For sturdy wood decks

Meyco wood deck anchors may be used to anchor covers to wood decks capable of supporting the anchor. **It is the installer's responsibility to determine if the decking has sufficient thickness and strength to support the cover tension and the attachment of the anchor.**

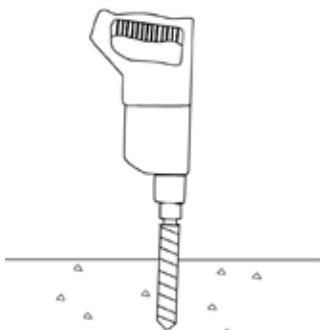


Anchors should be countersunk into decking by drilling two holes in the wood. First a 2" x 1/8" countersink for the top flange. Second, a 3/4" hole to accept the body of the anchor itself using a conventional drill bit. A 2" Forstner Bit is recommended for quick drilling of the shallow countersink hole.

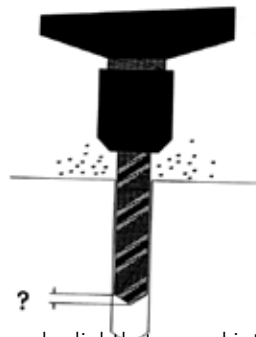


Anchor Drilling

Once you have located proper anchor positions, drill holes to accept the anchor shells. Measure the drill bit beveled depth. Then add 1 3/4" for screw-type anchors. Mark this measurement onto your tamping tool and drill bit with electrical tape or use a drill guide. Drilling dust can be removed with a vacuum or blown out.



Drill hole with a 3/4" drill bit. The hole depth is 1 3/4" screw type.

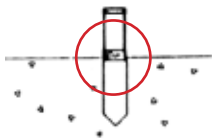


When your anchor hole is properly prepared, the anchor shell can be lightly tamped into position by inserting the tamping tool into the shell and tamping it into the deck with a mallet or hammer. A light Teflon or silicone spray on the tamping tool prior to tamping will facilitate its easy removal.

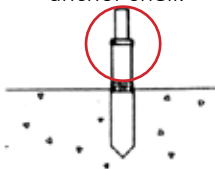
If the tamping tool should become jammed into the anchor, try gently tapping the tool on the sides to loosen it while pulling in an upward direction. Do not force it.

Always follow recommendations for personal protective equipment (PPE) from the manufacturer if using any power tools (e.g. drills) when installing cover.

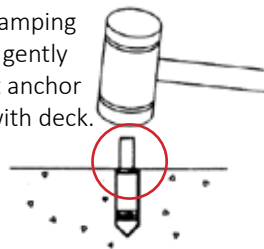
Position the anchor shell above the hole.



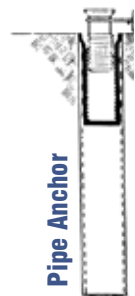
Insert tamping tool into the anchor shell.



Tap tamping tool gently to set anchor flush with deck.



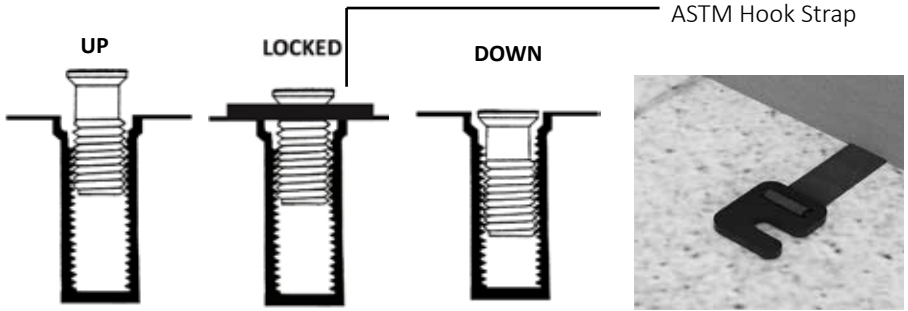
Pipe Anchors - For unstable surfaces such as loose bricks, patio stones and landscape areas



For areas with unstable decking it is recommended that Meyco pipe anchors be used to properly anchor the cover. Pipe anchors are 18" long aluminum tubes with a brass screw-type anchor permanently embedded into one end. Shorter pipes are also available for various deck types. Consult your installer for proper anchoring requirements. Pipe anchors can be installed by pre-drilling a 15/16" to 1" hole into the ground and through loose bricks or patio stones when necessary. Place a block of wood over the top of the pipe anchor assembly (or use a rubber mallet) to gently tamp into place.

Securing the ASTM Hook to the Anchors

Loop the plastic hook on the end of the ASTM strap around the brass screw. Tighten the screw with the hex key until it is tight.



CARING FOR YOUR COVER

Cleaning

- Clean off dirt immediately. Allowing dirt to remain on the cover can cause particles to become embedded into the fabric and create an environment for mold and mildew spores to grow.
- Regularly hose down your cover. Rainwater can provide rinsing action but often can be a carrier for organic matter.
- DuraCore may be spot cleaned using a solution of a mild detergent and lukewarm water. Rinse thoroughly with clean water to remove soap and air dry.
- For mildew stains, prepare a solution of one (1) cup of bleach plus (1/2) cup of mild detergent per gallon of water.
 - Protect areas such as sewing thread and reinforcements so the bleach does not come in contact as it may deteriorate those components.
 - Spray solution on the entire area and let soak.
 - Rinse with clean water and air dry.
 - Fully rinse the bleach off the fabric.
 - After cleaning, check the water repellency of the fabric to see if retreatment might be required.

Water Repellent Finish

DuraCore's water repellent finish is designed to last for several years but the life span of the repellent can be reduced by factors such as abrasion, cleaning, chemicals and atmospheric pollutants. Periodically check to see how well water beads on the fabric.

If water drops do not bead but instead flatten and appear to soak into the fabric, retreat the fabric.

Retreating DuraCore fabric

There are several aftermarket water repellent treatments available. Follow the directions of the manufacturer.

- Starbrite Waterproofing with PTEF
- Formula 303 Fabric Guard (may darken some colors and show folding lines)
- Rust-Oleum NeverWet Outdoor Fabric Spray
- Marlen Aqua-tite
- Kiwi Heavy Duty Water Repellent

SPA COVER PRODUCTS WARRANTY

All DuraCore spa covers are manufactured by Spa Cover Products, LLC, an affiliate of Meyco Pool Covers, hereafter referred to as “MANUFACTURER”.

MANUFACTURER warrants to the original owner of this product that if the cover should fail due to a manufacturing or material defect, MANUFACTURER will repair or replace the cover at its discretion, subject to the following terms:

This warranty is in lieu of all other warranties, whether expressed or implied, hereby limited to the scope and duration as outlined below. This warranty is extended only to the original purchaser of the spa cover. Purchaser must provide the original sales invoice which must have been paid in full or a registration must be filled out and on file with the MANUFACTURER. Repairs or alterations made to spa cover by anyone other than authorized personnel will void this warranty or any other warranty whether expressed or implied. In some cases, Consumer may be required to ship fabric, cores or other parts to MANUFACTURER for validation of a claim.

ONE (1) YEAR WARRANTY FOR ALL ELECTRICAL COMPONENTS

All electronic electrical components are hereby warranted with regard to the quality of materials and workmanship for one year from the time of purchase. For claims deemed valid, MANUFACTURER will, at our discretion, either repair the Product, or send replacement parts within 30 days of warranty approval. Warranty does not cover improper use or any of the following:

- Immersion of cover in water.
- Hurricane, flooding, hail or other extreme weather.
- Improper installation.

Shipping and handling charges are NOT COVERED by the Warranty.

Failure to install the cover and/or maintain the cover in full compliance with the Safety and Owners' Manual and Installation Instructions will VOID Warranty.

FIVE (5) YEAR PRO-RATED WARRANTY FOR FABRIC SKIN

The external fabric which wraps the core “skin” is hereby warranted with regard to the fabric becoming unserviceable because of loss of strength or failure from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals. Consumer is responsible for normal care and cleaning of the fabric per maintenance procedures provided by MANUFACTURER. The pro-rated warranty covers fabric only. For claims deemed valid by MANUFACTURER, MANUFACTURER will send replacement skin at a pro-rated cost. It will be the responsibility of the Consumer or Dealer to install the new skin over the core. Warranty does not cover improper use or any of the following:

- Chafing or wearing holes in spa cover by dragging over rough surfaces or storing against sharp objects.
- Damage caused by excessive scrubbing, improper cleaning chemicals, or damage caused by carrying or moving spa cover by the skirt.
- Structural damage due to excessive weight being placed on spa cover.
- Torn handles caused by improper use – handles are to be used as a means to open cover— not for use in carrying spa cover or opening spa cover with any load/weight on it.
- Impact from other objects including but not limited to falling objects.
- Animal damage, including but not limited to pets, farm animals, rodents or other wild animals.
- Neglect or abuse of the cover.
- Hurricane, flooding, hail or other extreme weather.
- Failure to install the cover and/or maintain the cover in full compliance with the Safety and Owners’ Manual and Installation Instructions.
- Exposure to extreme heat or cold, reflected light (i.e. from windows or mirrors), sparks (i.e. from fire pits, fireworks, grills, etc.), or to fire.
- Failure to maintain proper pool water pH and/or excessive Chlorine or other chemicals applied in excess of their respective labeling.
- Damage to the cover due to Chlorine or other chemicals applied directly to the cover.

COVER LIFTER

Cover lifters have separate warranties through the manufacturer of the lifter. Damage to the skin from a cover lifter or installation of a cover lifter, whether purchased through MANUFACTURER or separately, is not covered under warranty.

Shipping and handling charges to return Fabric Skin to MANUFACTURER are NOT COVERED by the Warranty.

Failure to install the cover and/or maintain the cover in full compliance with the Safety and Owners' Manual and Installation Instructions will VOID Warranty.

Pro-Rated Warranty for Fabric Skin is calculated as listed below

Less than 2 years: \$0 plus S/H

Greater than 2 years less than 3 years: 40% prevailing list price + S/H

Greater than 3 years less than 5 years: 75% of prevailing list price + S/H

FIVE (5) YEAR WARRANTY AGAINST CORE WEIGHT GAIN

Five (5) year full warranty on all spa covers with regard to excessive weight gain due to water saturation. If MANUFACTURER has determined that a spa cover has gained more than 25 percent of its original weight due to water saturation of the core insulation of the cover, MANUFACTURER will send a replacement(s) for the core or cores that have become saturated. Warranty does not cover improper use or any of the following:

- Immersion of the cover in water
- Punctures of the cover due to sharp objects
- Chafing or wearing holes in spa cover by dragging over rough surfaces or storing against sharp objects.

Shipping and handling charges are NOT COVERED by the Warranty.

Failure to install the cover and/or maintain the cover in full compliance with the Safety and Owners' Manual and Installation Instructions will VOID Warranty.

DAMAGE DUE TO SHIPPING

Manufacturer will, at its discretion, repair or replace components that are damaged in shipping. Complete replacement is often not feasible or necessary.

All repairs, if performed using approved MANUFACTURER materials and procedures, will not adversely affect any other terms of this warranty. Photo documentation of damage and repairs are required. Repairs may require:

- Sending the fabric skin back to MANUFACTURER for repair.
- Installation of repair kits and approved patches to underside materials.
- Other procedures as directed by MANUFACTURER.

Under no circumstances shall MANUFACTURER be responsible for labor costs associated with the removal, shipment or re-installation of any cover. MANUFACTURER is also not responsible for any other expenses, consequential, incidental or otherwise.

THE EXPRESS WARRANTIES CONTAINED HEREIN ARE THE SOLE WARRANTIES AVAILABLE TO OWNERS OR USERS OF ALL DURACORE PRODUCT LINES MANUFACTURED BY SPA COVER PRODUCTS, LLC ON BEHALF OF MEYCO POOL COVERS. ALL WARRANTIES OF IMPLIED MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE ARE HEREBY DISCLAIMED. UNDER NO CIRCUMSTANCES SHALL SPA COVER PRODUCTS, MEYCO POOL COVERS OR ANY OF ITS AFFILIATES BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING INJURY TO PERSON, DAMAGE TO SPA OR OTHER PROPERTY, OR LOSS OF USE OF SPA AND LIABILITY FOR ALL SUCH DAMAGES ARE HEREBY DISCLAIMED.

NOTICE:

THE LIMITATIONS OF WARRANTY MAY NOT BE PERMITTED IN CERTAIN STATES, IN WHICH CASE WARRANTIES WILL BE LIMITED TO THE EXTENT PERMITTED BY APPLICABLE LAW. CONSULT THE LAW OF YOUR STATE FOR MORE INFORMATION.

THIS COVER HAS BEEN CAREFULLY PHYSICALLY INSPECTED PRIOR TO SHIPPING AND HAS BEEN DETERMINED FREE OF MANUFACTURING OR MATERIAL DEFECTS.

SERVICE

To obtain warranty service, contact your reseller, or email sales@meycoproducts.com

ASTM STANDARDS

DuraCore Plus and DuraCore Super covers are manufactured to meet current ASTM standards F-1346-91 for hot tub/spa covers 8ft or less or greater than 8ft when installed correctly using ASTM-compliant locking security/safety straps. DuraCore LT covers are not designated as ASTM compliant and should not be used as a safety spa cover.

	Load Bearing <8ft	Snow Load <8ft	Load Bearing >8ft	Load Bearing >8ft
LT	No	6 inches or less	No	6 inches or less
Plus	Yes (up to 175lbs)	24" or less	Yes (up to 150 lbs)	12" or less
Super	Yes (up to 375 lbs)	36" or less	Yes (up to 285 lbs)	23" or less



Meyco Spa Covers Completely different, inside and out

Meyco Spa Covers covers go beyond traditional foam and vinyl by redefining the three most critical areas of a spa cover. Crafted around a vapor resistant, polypropylene insulating CORE that doesn't gain weight and grow mold like the typical polystyrene, STRUCTURED on lightweight aluminum channels with a polycarbonate base, and wrapped in a vapor wicking MATERIAL that will not crack or fade prematurely; introducing DuraCore Spa Cover technology!



Meyco Pool Covers
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