



Back to the basics

A complete consumer awareness program about solar pool blankets

FOUR REASONS TO PURCHASE A SOLAR BLANKET

- IT HEATS YOUR POOL! Saves energy costs, limits heat loss by up to 90%, makes swimming more comfortable.
- IT REDUCES EVAPORATION! Cuts water consumption, save on chemical use.
- KEEPS POOL CLEANER! Loose debris stays on the blanket, not in the pool.
- EXTENDS SWIMMING SEASON! Swim earlier in spring and later in autumn.

THE ADVANTAGES OF USING A SOLAR 2000 SOLAR POOL BLANKET

- LOW DENSITY POLYETHYLENE! Constructed from prime dwd resins for durability and toughness.
- 50% MORE U.V. STABILISERS FOR EXTENDED LIFE!
- HIGHEST TRANSMISSIVITY! Maximum heating performance at all depths.
- EXCLUSIVE HOLD-TITE SEAMS. Stronger, lays flatter, lasts longer, aesthetically more pleasing.
- 2,000 mm WIDTH PANELS! Fewer seams, less potential for problems, looks better.
- ULTRA LIGHTWEIGHT 400 MICRON/HEAVY DUTY PERFORMANCE! Easier to handle.
- MANUFACTURED WITH STRICT QUALITY CONTROL! Our unsurpassed “Zero Defects” program.
- FULL SIZED WHITE PROTECTIVE COVER SHEET!
- COURTEOUS, EFFICIENT WARRANTY PROGRAM.

MONTHLY WATER SAVINGS USING A SOLAR 2000 SOLAR POOL BLANKET

A typical 4.5m x 9m pool with a surface area of 40.5 m² loses approximately 25 mm of water every week from evaporation. That is approximately 5400 liters per month! With a Solar 2000 solar pool blanket in place, this evaporation can be reduced by up to 90%.

Pools differ in evaporation rates due to heat, shade, water temperature, periphery walling, locality, etc. Check your pool’s rate of evaporation by marking the side tile, then use the chart below to compute your weekly or monthly loss that could be avoided with a Solar 2000 solar pool blanket

	12 mm Evaporation per week	25 mm Evaporation per week	50 mm Evaporation per week
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Pool size	Per week loss	Per month loss	Per week loss	Per month loss	Per week loss	Per month loss
4.5m x 9m	510 ltr	2000 ltr	1020 ltr	4000 ltr	2040 ltr	8000 ltr
5m x 11m	690 ltr	2800 ltr	1380 ltr	5600 ltr	2760 ltr	11200 ltr
5.5m x 11m	750 ltr	3100 ltr	1500 ltr	6200 ltr	3000 ltr	12400 ltr
6m x 12m	900 ltr	3700 ltr	1800 ltr	7400 ltr	3600 ltr	14800 ltr

APPROXIMATE FIGURES ONLY

PERFORMANCE

Your Solar 2000 solar pool blanket heats by day and insulates at night. For optimum performance, leave the blanket on the pool when not in use for swimming. The translucent blanket allows the sun’s rays to pass through the bubbles to heat the pool water during the day – while the bubbles act as an insulator at night.

During the swimming season, the Solar 2000 solar pool blanket can raise your pool water temperature by 5 degrees Celsius or more. Actual customer experience indicates the pool will be 6 – 10 degrees warmer in season than a pool without a proper solar blanket.

INSPIRED BY THE SUN

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Besides warmer water, energy savings and an extended season, your blanket will result in a cleaner pool, reduced chemical usage and extensive water conservation. All of these will amount to significant savings during the life of the blanket.

The blanket can be used on indoor and outdoor pools as well as spas. A solar pool blanket typically pays for itself in two seasons. This resulting from saving on energy, chlorine, pump life, evaporation, filter and pool life.

SOME MYTHS PERTAINING TO SOLAR BLANKETS

HEAVIER WEIGHT – (Same or less warranty period). This often may reflect an attempt to compensate for failing to include the proper amounts of expensive life-extending additives. Weight is not a virtue! Heavier blankets are more difficult to handle!

DARKER COLOURS – Lower levels of transmissivity limit heating capabilities at all depths. It compares to tinting the window of a building to keep it cooler. Darkness is not a virtue! The darker the blanket, the less effective its heating capabilities.

COLOUR VARIATIONS – From panel to panel or blanket to blanket. Often indicates the use of recycled or low quality resins.

1.250 mm and 1,500 mm PANELS – Up to 3 times more seams per pool than SOLAR 2000 solar pool blanket. Less attractive and the possibility of more seam failures.

ODD SHAPE BUBBLES – Bubbles with sharp corners or edges are more apt to tear than round bubbles. Uneven bubbles are less effective and add no value to the blanket's functions. (Some of these "disadvantages" can be found with other solar blanket available on the South African market).

PROPER INSTALLATION

Install the blanket on the pool, bubbles down. Before trimming, the blankets should be left on the pool for a few hours to allow wrinkles and folds to disappear. Use ordinary scissors. If your pool is of the "lining" type, be careful not to puncture the lining of the pool. The blanket should fit snugly to the pool sidewall. To avoid trimming the blanket too small, the first cut should leave the blanket slightly larger than the water surface area, then make the final trim.

The blanket should not overlap the sidewall, which could result in an opening for the wind to get under the blanket. A properly fitted blanket will be held in place by surface adhesion, requiring no tie downs during windy periods and heavy rain.

Avoid putting the blanket on the lawn for any reason. The sun's rays passing through the bubbles and will cause damage to the grass.

PROPER HANDLING

By using the "fanfold" technique, two people can easily remove the blanket from the pool in minutes. Simply pull 1.25 meter at a time over one end of the pool and continuously fanfold the blanket "accordion fashion" until the entire blanket is stocked on the deck. The blanket can then easily be pulled back onto the pool in seconds.

The Solar 2000 Roll Up station enables one person to roll the blanket on or off the pool in seconds – plus it makes a convenient storage unit, when the blanket is not being used. Optional castors add a "roll-away" feature. Never drag the blanket across a rough deck, coping or the sharp edge of the pool. And always cover the blanket with its white protective cover sheet when it is not in use.

PROPER CARE

Always cover the blanket with its white protective cover sheet when it is not on the pool. The blanket should not be stored in an area where temperatures might exceed 40 degrees Celsius. These extreme temperatures can expand the bubbles and cause delamination and blistering – weakening the blanket. **BLANKETS DEFECTS CAUSED BY EXPOSURE TO THE SUN OR INCORRECT STORAGE WHILE OFF THE POOL ARE NOT COVERED BY THE WARRANTY.**

The blanket should be removed any time the pool is being chemically treated – and not put back onto the pool until safe concentration levels are reached.

The level of chlorine should not rise above 2 parts per million. If the level must be raised over this point, the blanket should be removed. **DAMAGE CAUSED BY EXCESSIVE CHEMICAL EXPOSURE IS EXCLUDED FROM THE WARRANTY.**

Exposure to the sun, water and pool chemicals during normal usage will eventually destroy the utility of a solar pool blanket. When bubble disintegration, delamination, flaking or the peeling occurs, remove the blanket from the pool.

Replace it with a new Solar 2000 solar pool blanket. A pre-addressed warranty registration card is included with every Solar 2000 solar blanket. It must be completed and returned to Solar 2000, within 30 days after purchase.

If your solar blanket is within the warranty period, follow the procedure indicated in the warranty by calling Solar 2000 on Tel: +27(11) 397 – 4530/1 or contact via e-mail: info@solar2000.co.za or Fax: +27(11) 397 – 4518

In the unlikely event of a defected solar blanket, both the blanket and the white protective cover sheet must be returned to Solar 2000 in all instances. If this is not adhered to, the above-mentioned warranty will become null and void.

WARNING AVOID DROWNING RISK

- **STAY OFF COVER – WILL NOT SUPPORT WEIGHT**
- **KEEP CHILDREN AWAY. CHILDREN OR OBJECTS CANNOT BE SEEN UNDER THE COVER.**
- **CHILD CAN DROWN ON TOP OF THE COVER**
- **REMOVE COVER(S) COMPLETELY BEFORE ENTRY OF BATHERS – ENTRAPMENT POSSIBLE.**
- **NON-SECURED OR IMPROPERLY SECURED COVERS ARE A HAZARD.**
- **FAILURE TO FOLLOW ALL INSTRUCTIONS MAY RESULT IN INJURY OR DROWNING.**
- **THIS IS NOT A SAFETY COVER.**

CLEANING AND STORAGE

A clean, highly transmissive blanket solar blanket is more efficient than a darker, dirtier one. Cleaning will allow more of the sun's rays to pass through the blanket to heat your pool water at all depths. Use a chemically safe solar blanket cleaner with water and a soft brush as prescribed by your pool dealer. To keep your pool cleaner, hose off the dirt and leaves from the floating blanket directly into the pool skimmer.

Before storing the blanket, clean it and allow it to dry thoroughly to prevent mildew. Fold it on the seams and roll it from one end. Place the blanket in a clean, dry, rodent-free area where temperatures will not reach 42 degrees Celsius. The prolong life of your blanket, the above mentioned facts and precautions should always be kept in mind and, strictly adhered to and practiced at all times.