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### **BENEFITS INSTALLING A POOL BLANKET**

1. Will virtually eliminate evaporation, which is calculated by the Department of Water Affairs to be **5 – 6 liters per m<sup>2</sup>** of surface area per day.
2. Will **cut** chemical **consumption by 50%**. For average pool, ½ cup of chlorine every other day and in winter 1 cup per week should be adequate.
3. Filtration cycle may be reduced **saving money on electricity** and wear and tear on pool cleaner.
4. Life expectancy +/- two seasons if used continuously but experience has shown that with care the cover will last for anything up to 6 years.
5. Leaves falling on top of the cover may be brushed to the side using a pool brush and removed by hand.
6. Will raise pool temperature by 3°C + in season giving more pleasurable swimming and extended season. A solar bubble cover is the cheapest way of raising the pool temperature by a significant amount.
7. Floats on the water, is an attractive colour, needs no sandbags or tie downs and will not blow away except under **extreme** conditions. It can also be made up to fit any size or shape of pool – pools with sundecks is no problem.
8. If one considers the saving in water, electricity, chemicals and wear and tear on the pool cleaner, a cover will pay for itself within 12-15 months and the warmer water will greatly enhance the pleasure of a swimming pool.

## HOW TO SIZE A SOLAR BUBBLE POOL COVER

1. The bubble material is produced in strips of **1.3m** wide and that there is a flat section on either side of the width enabling one or more strips to be heat-welded together to form any size of cover in multiples of **1.3m** and to any length. A half strip of **0,65m** width can also be used but remember a half strip will have bubbles and not a seam along its one edge so a half width can only be used on the outside edge of the cover. We can therefore make up a cover in nominal widths of 0.65m, 1.3m, 1.95m, 2.6m, 3.25m, 3.9m, 4.55m, 5,2m, 5.85m, 6.5m, 7.15m and so on.
2. As the cover shrinks by **50 – 100mm** all round during the welding process, an allowance for shrinkage and turn-up at the edge (to prevent leaves and dirt getting into the pool) should be made. The minimum allowance should be **200 – 300mm** greater than actual pool sizes
3. It must be stressed to your customer that he must **NEVER** leave a folded or rolled-up cover in the sun even for short periods as this will lead to extremely high internal temperatures which could even melt the cover or otherwise will lead to very early failure of the cover. It will either or both delaminate, become brittle and fall apart. This process is also aggravated by excessive use of chemicals. If it is necessary to super-chlorinate the pool the cover should be removed as the excess chlorine could “burn” the underside of the cover which will become white in colour and cause the bubble tops to flake off.