



## SOL + GUARD – 500 MICRON

*The Best Solar Heating Bubble cover available; increasing pool temperatures by up to 8°C*

### What is a Sol+Guard™ cover?

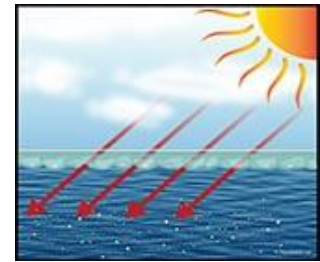
The innovative Sol+Guard™ swimming pool cover available with GeoBubble™ technology is at the top of its class for allowing the maximum amount of solar gain. It also saves money, water and energy usage, as well as being scientifically designed to last longer.

It is the combination of this products unique two ply combination, a clear top surface and a translucent tinted underside that gives the Sol+Guard™ swimming pool cover the ability to provide a variety of benefits:

- **Increase pool temperature by up to 8°C**
- **GeoBubble™ technology**
- **Reduce chemical consumption by up to 40%**
- **Reduce energy consumption by up to 70%**
- **Eliminate water evaporation by 98% +**
- **Reduce debris contamination**
- **Save money**
- **Reduce the carbon footprint of your pool**

### Increase pool temperature by up to 8°C through solar energy gain

Tests carried out in collaboration with two UK Universities, showed that the more translucent a cover is the greater the penetration of solar energy into the swimming pool water. The unique Sol+Guard™ cover harnesses this concept allowing maximum solar gain to pass through the material resulting in the increase in pool temperature by up to 8°C.



### GeoBubble™ technology

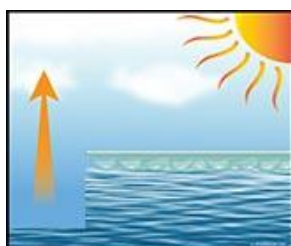
The Sol+Guard™ material available with GeoBubble™ technology which through its unique and patented shape increases the expected life of the product by improving its endurance against the harsh swimming pool environment with Ultra Violet light and chemical attack.

### How can this save money?

A Sol+Guard™ cover will save money by reducing water, heating and chemical costs. The Sol+Guard™ swimming pool cover can pay for itself in less than a year.

### Eliminate Water Evaporation by 98% +

Using a swimming pool cover helps to save precious natural resources by reducing water consumption. By minimising water evaporation, by over 98%, you will also save considerably on your water costs.



Research carried out in collaboration with two UK Universities showed that in the UK an average sized pool of 4m x 8m the evaporation loss is approximately 32,000 litres of water per year. This could provide you with approximately 400 baths! This figure is reserved and will be considerably higher for hotter climates and windy conditions.

### **Reduce Chemical Consumption by up to 40%**

Research in collaboration with UK universities showed that by using a Sol+Guard™ swimming pool cover on an average sized UK pool, 4m x 8m, up to 40% could be saved in chemical consumption through eliminating evaporation. This equates to up to 5kg of chlorine!

### **Reduce Energy Consumption by up to 70%**

Pool heating costs can be reduced as the Sol+Guard™ cover will eliminate evaporation and greatly reduce heat radiation.

Heat retention tests carried out in collaboration with two UK Universities showed energy savings of over 50%. This applied to oil, gas, electric heater or heat pump usage. Where solar heating is used, it is possible to invest in up to half the amount of panels normally required for a pool without a cover.

By using a Sol+Guard™ swimming pool cover on an average sized UK pool, 4m x 8m, that uses a modern heat pump, you could save up to 7000 kWh of electric every year!

### **Reduce Debris**

Leaves, dirt, insects, bird droppings and other debris are not only unsightly in a swimming pool but also provide nutrients for algae and bacteria to feed on.

When the pool is covered, these contaminants will be kept out of the water, greatly improving the quality and appearance of the water, plus helping to reduce chemical consumption.

### **Benefits to the environment as well as saving money**

A Sol+Guard™ cover will greatly reduce the carbon footprint of your pool by reducing the amount of energy needed to heat and filter your pool water. It also conserves water and, at the end of its life, the covers are 100% recyclable (Grade 4 LDPE recycling).

### **Warranty**

The Sol+Guard™ cover has a 4 year pro rata warranty.