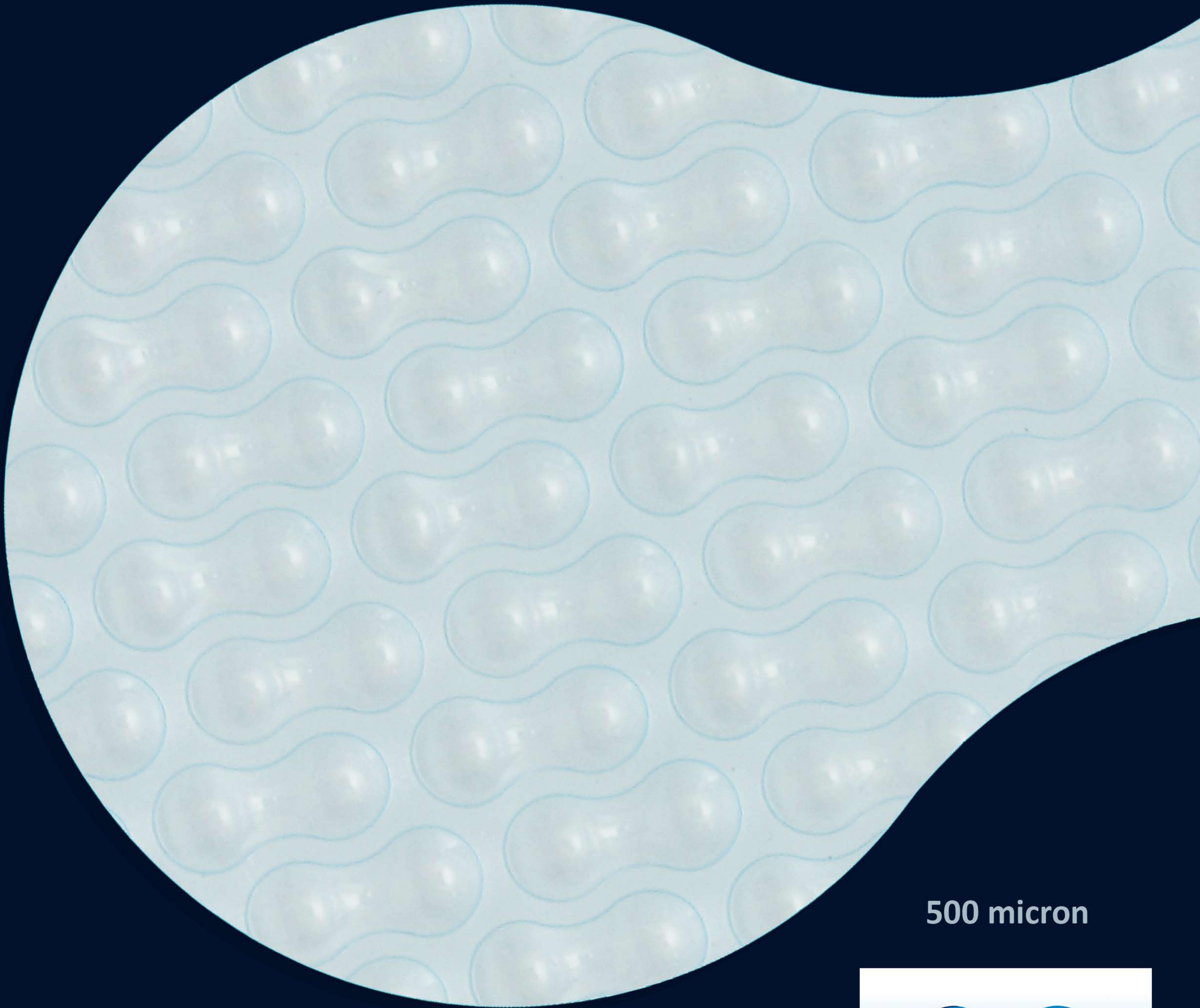




# Sol+Guard<sup>TM</sup>

©Plastipack Ltd

with GeoBubble<sup>TM</sup>  
technology



500 micron

A dazzling solution to  
maximise solar gains



[www.geobubble.co.uk](http://www.geobubble.co.uk)

# Sol+Guard™

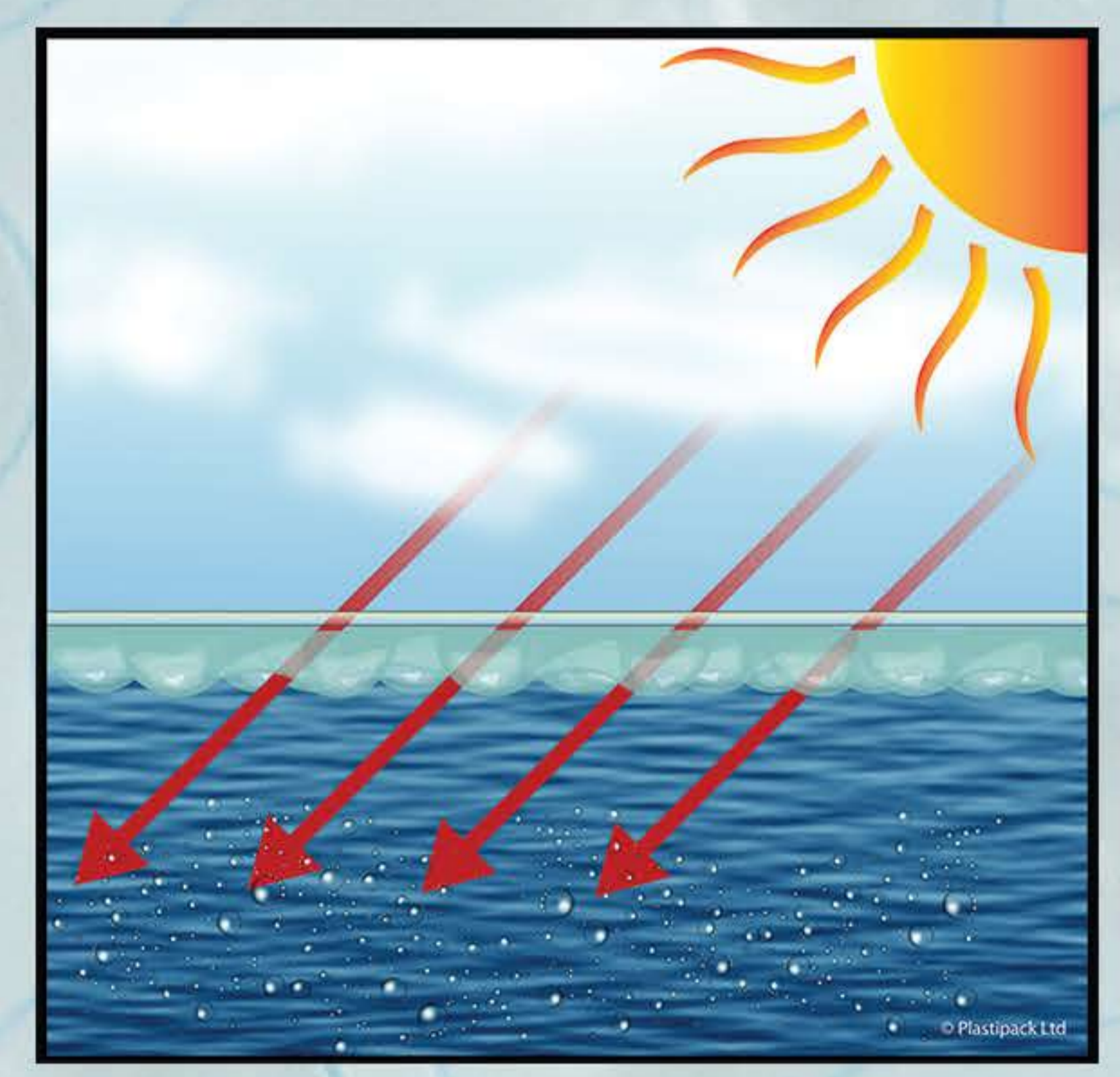
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## Keep your pool a comfortable temperature

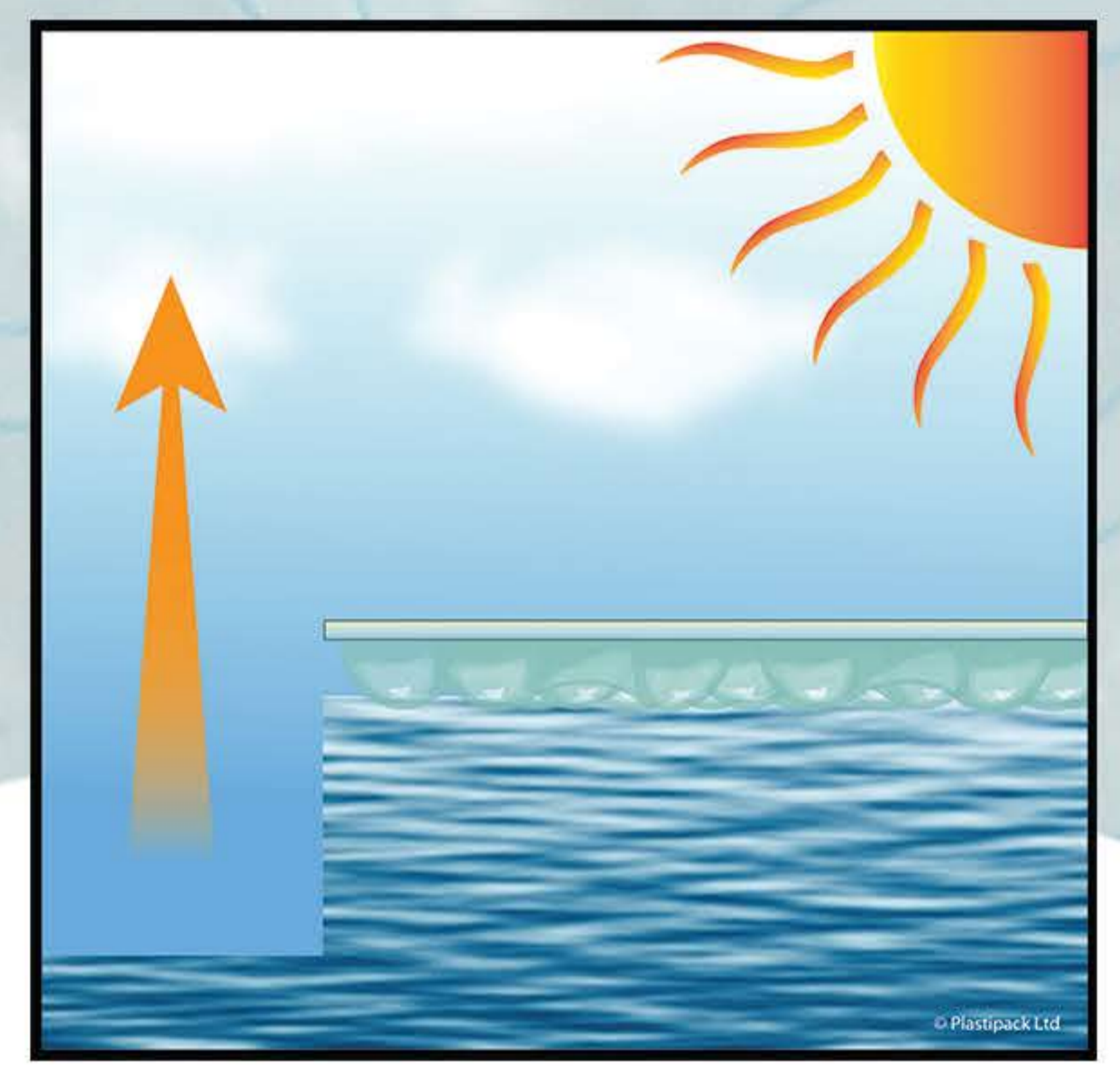
The unique GeoBubble™ design and additive package of the Guard product range have been scientifically developed to provide higher performance and longevity of the blended polyethylene cover material. Providing a sustainable 100% recyclable (LDPE 4) and cost saving product which comes with a 6-year pro rata manufactures warranty

- 🔄 Increase pool temperature by up to 8°C
- 🔄 Reduce energy consumption by over 70%
- 🔄 Reduce chemical consumption by up to 40%
- 🔄 Eliminate water evaporation by 98%+
- 🔄 Reduce debris contamination
- 🔄 Save money and reduce the carbon footprint of your pool
- 🔄 6 year + expected lifespan
- 🔄 With GeoBubble™ Technology



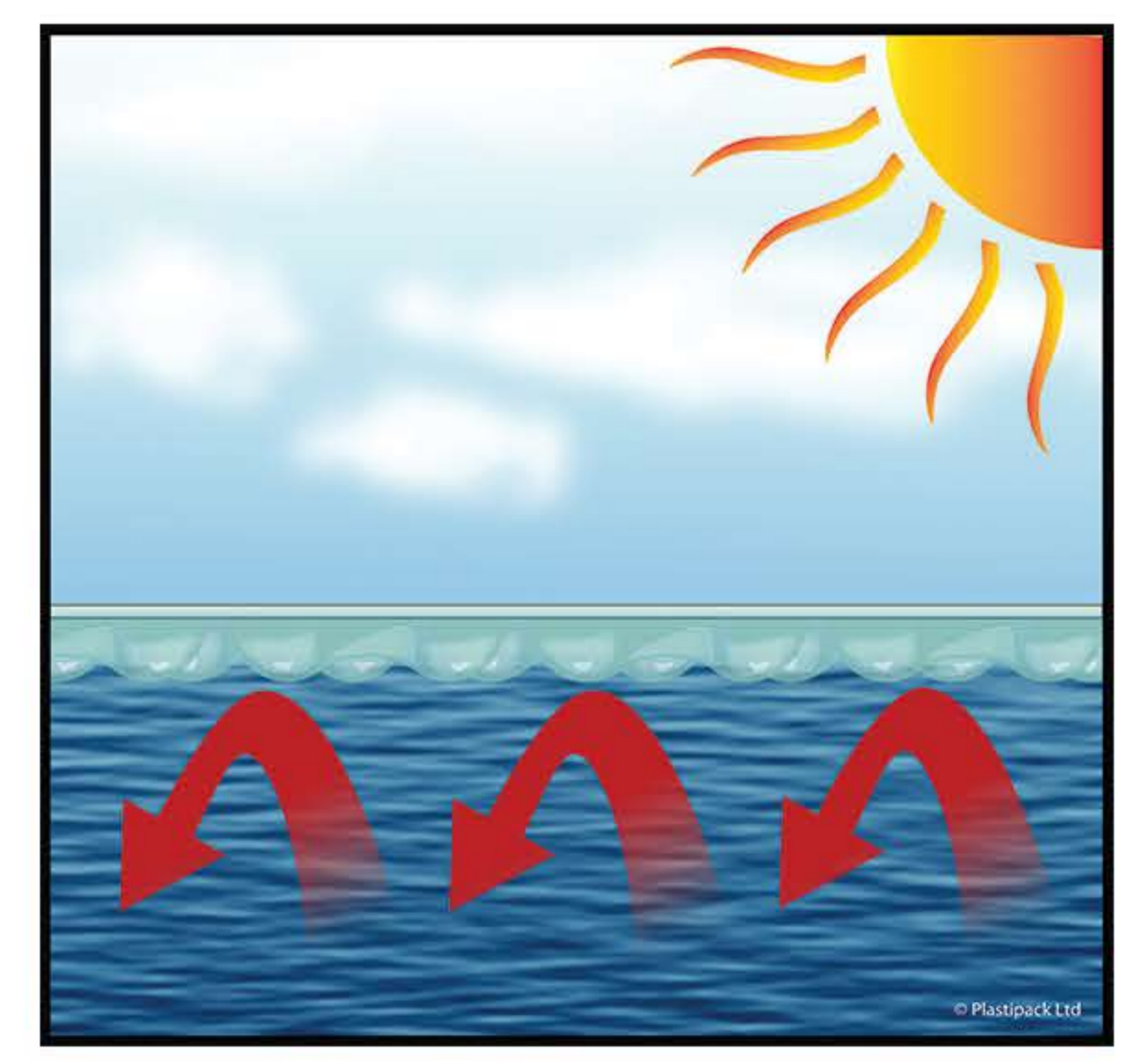
### Solar Gains

The Sol+Guard™ 500 micron transparent swimming pool cover material transmits 80% of the sun's energy in the visual and IR spectrum through the material to heat the water and basin of the swimming pool. Tests in the UK have shown temperature increases of up to 6°C and testimonials from hotter climates estimate up to 8°C above the ambient pool temperature, reducing the heating demand by up to 70%.



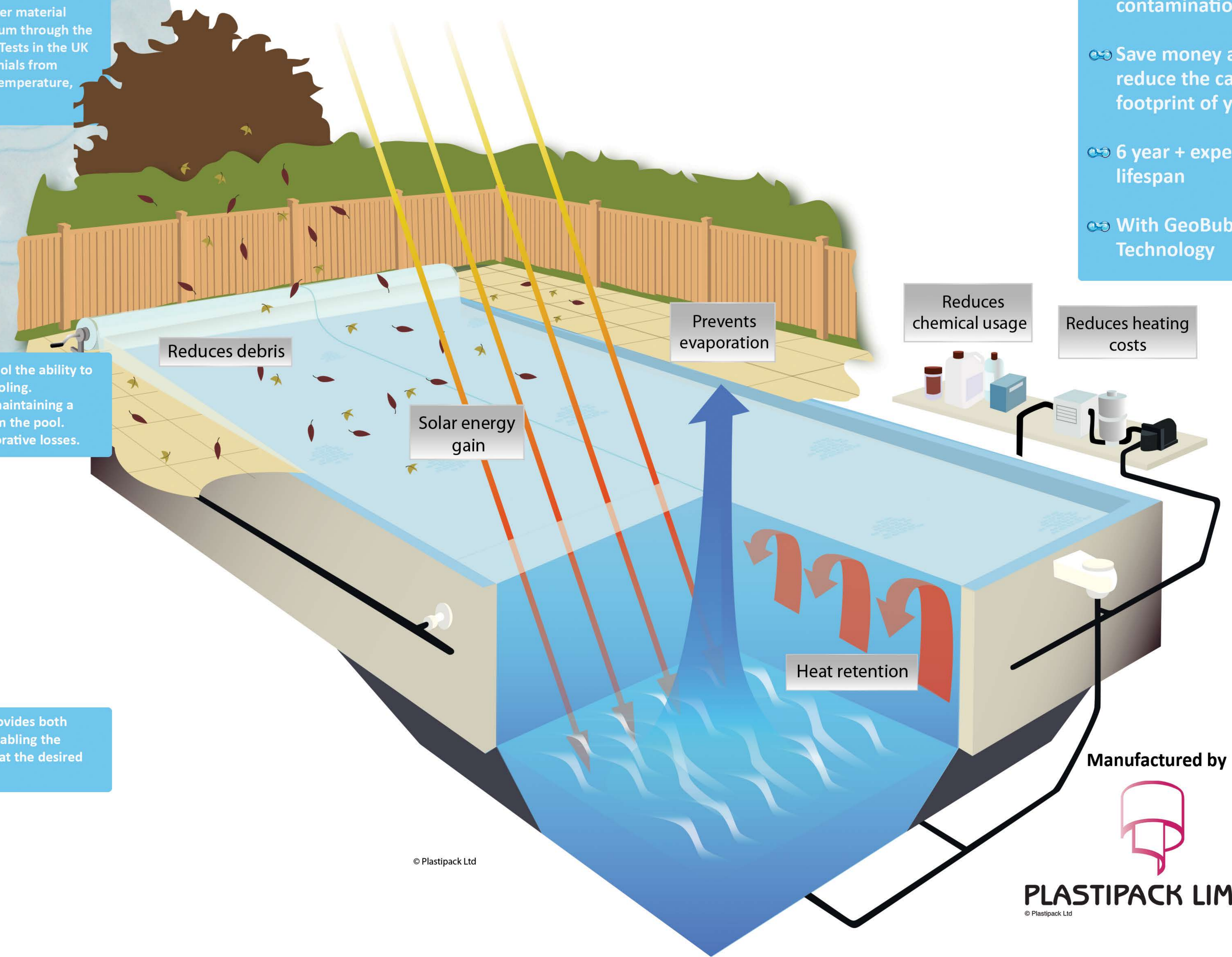
### Prevents evaporation

The material provides a barrier to evaporation, giving the pool the ability to preserve water and reduce heat loss through evaporative cooling. Prevention of evaporative losses has the largest impact on maintaining a pool's temperature, responsible for 70% of the heat loss from the pool. Plastipack materials are tested to prevent over 98% of evaporative losses.



### Insulates to prevent heat transfer

The unique profile of the GeoBubble™ technology air cells provides both buoyancy and an insulative air gap to control heat transfer enabling the material to manage the pool environment and keep the pool at the desired temperature.



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**PLASTIPACK LIMITED™**  
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## Specification Sheet

<b>Polythylene Film</b>	Dual-Extruded
<b>U.V. Protection</b>	140 kLys/yrs 0.9% Additive 180 kLys/yrs 1.2% Additive
<b>Colour</b>	Translucent Sea Blue
<b>Thermal Properties</b>	Vicat Softening Point (1kg) 93°C
<b>Cold Crack Temperature</b>	-25°C
<b>500 microns thickness</b>	Bubble Film = 350 micron +/- 10% Back film = 150 micron +/- 10%
<b>Weight per m<sup>2</sup></b>	460gms +/- 10%
<b>Overall Bubble Width</b>	2000mm / 2500mm +/- 1%
<b>Welding Edges</b>	30mm +/- 10%
<b>Overall Width</b>	2060mm / 2560mm +/- 10%
<b>Roll Diameter</b>	0.80m +/- 1%
<b>Roll Length</b>	102m +/- 2%
<b>Est. Quantity for 120m<sup>3</sup> truck</b>	2.5m = 14,535m <sup>2</sup> = 57 rolls 2m = 15,912m <sup>2</sup> = 78 rolls
<b>Est. Quantity Containers</b>	20ft = 4,692m <sup>2</sup> = 23 rolls 40ft = 11,220m <sup>2</sup> = 55 rolls
<b>Packaging</b>	Packaged in Polyethylene bags
<b>Core Diameters</b>	Internal 76mm/External 80mm
<b>Identification</b>	Batch Identification by Q.A. slip and label showing Length/Grade
<b>Warranty</b>	6 year pro rata warranty
<b>GEOBUBBLE<sup>TM</sup> TECHNOLOGY</b>	
<b>Bubble Width x Length</b>	15x30mm
<b>Bubble Height</b>	5.5mm
<b>No. of bubble per m<sup>2</sup></b>	1943

Company Information:  
[www.Plastipack.co.uk](http://www.Plastipack.co.uk)

Product information:  
[www.GeoBubble.co.uk](http://www.GeoBubble.co.uk)

Water Storage:  
[www.VapourGuard.co.uk](http://www.VapourGuard.co.uk)

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