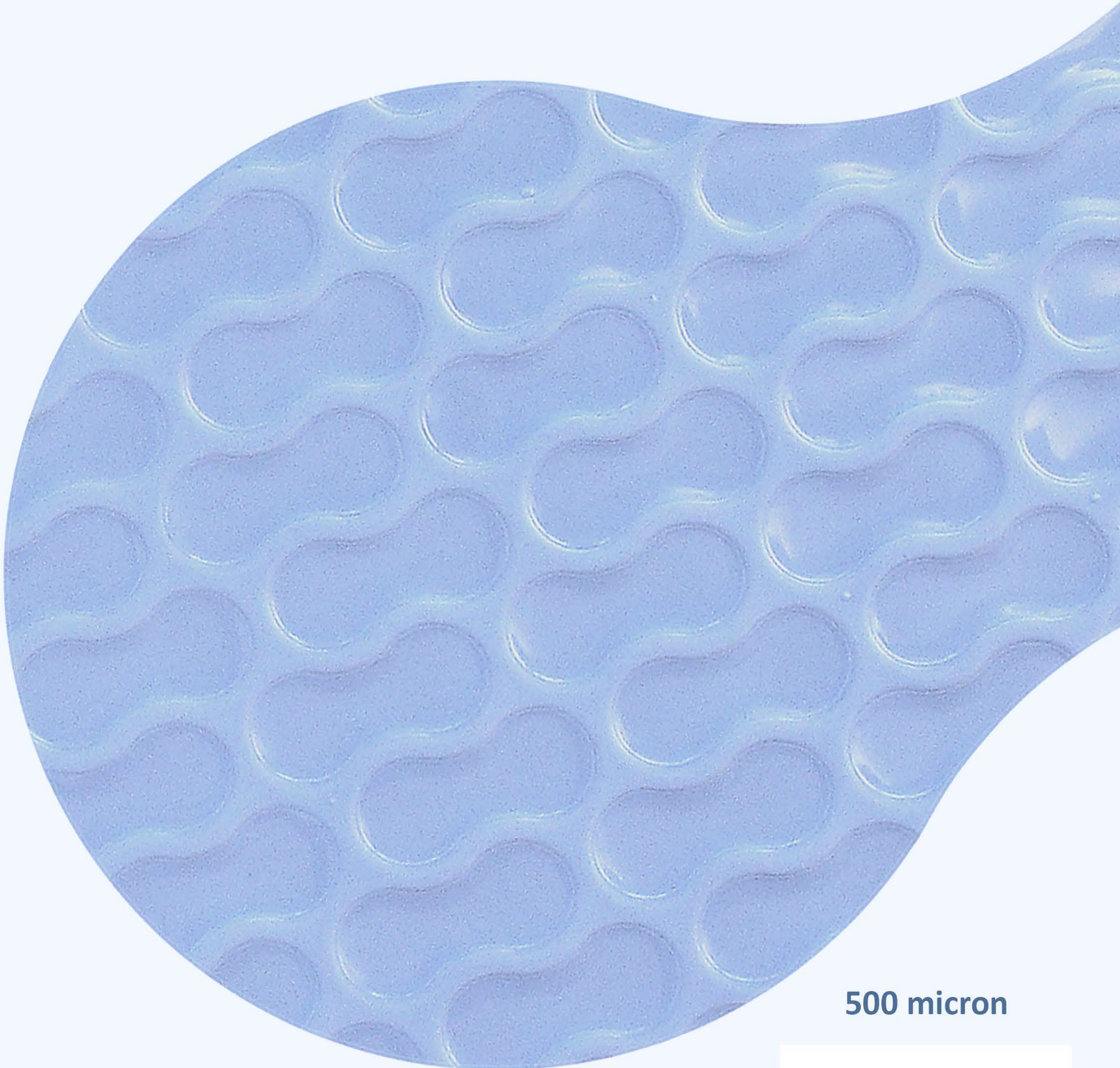


**CoolGuard**<sup>™</sup>  
ultra

© Plastipack Ltd

with **GeoBubble**<sup>™</sup>  
technology



500 micron

**A refreshing solution to  
temperature management**



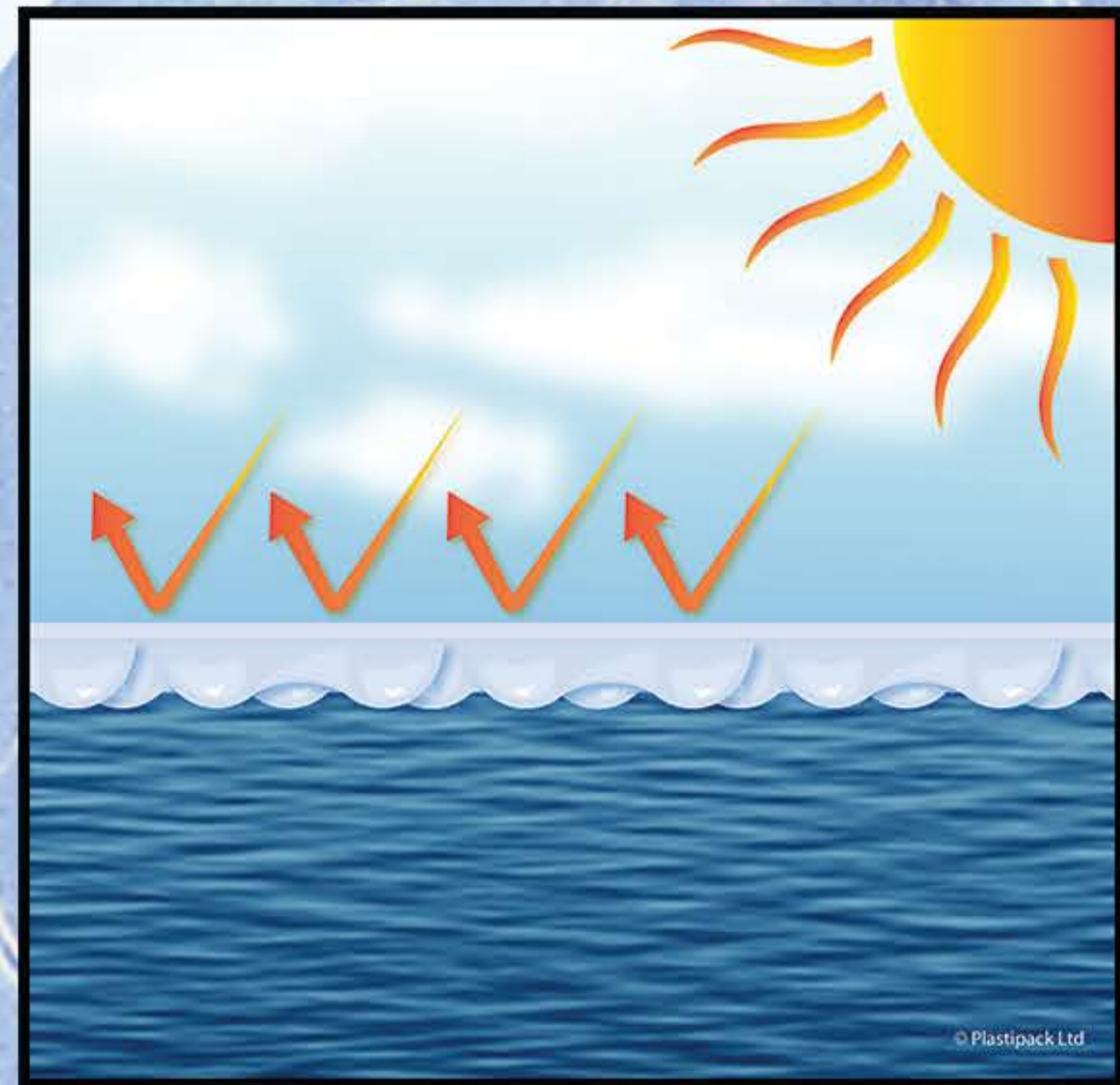
[www.geobubble.co.uk](http://www.geobubble.co.uk)



# CoolGuard<sup>™</sup> ultra

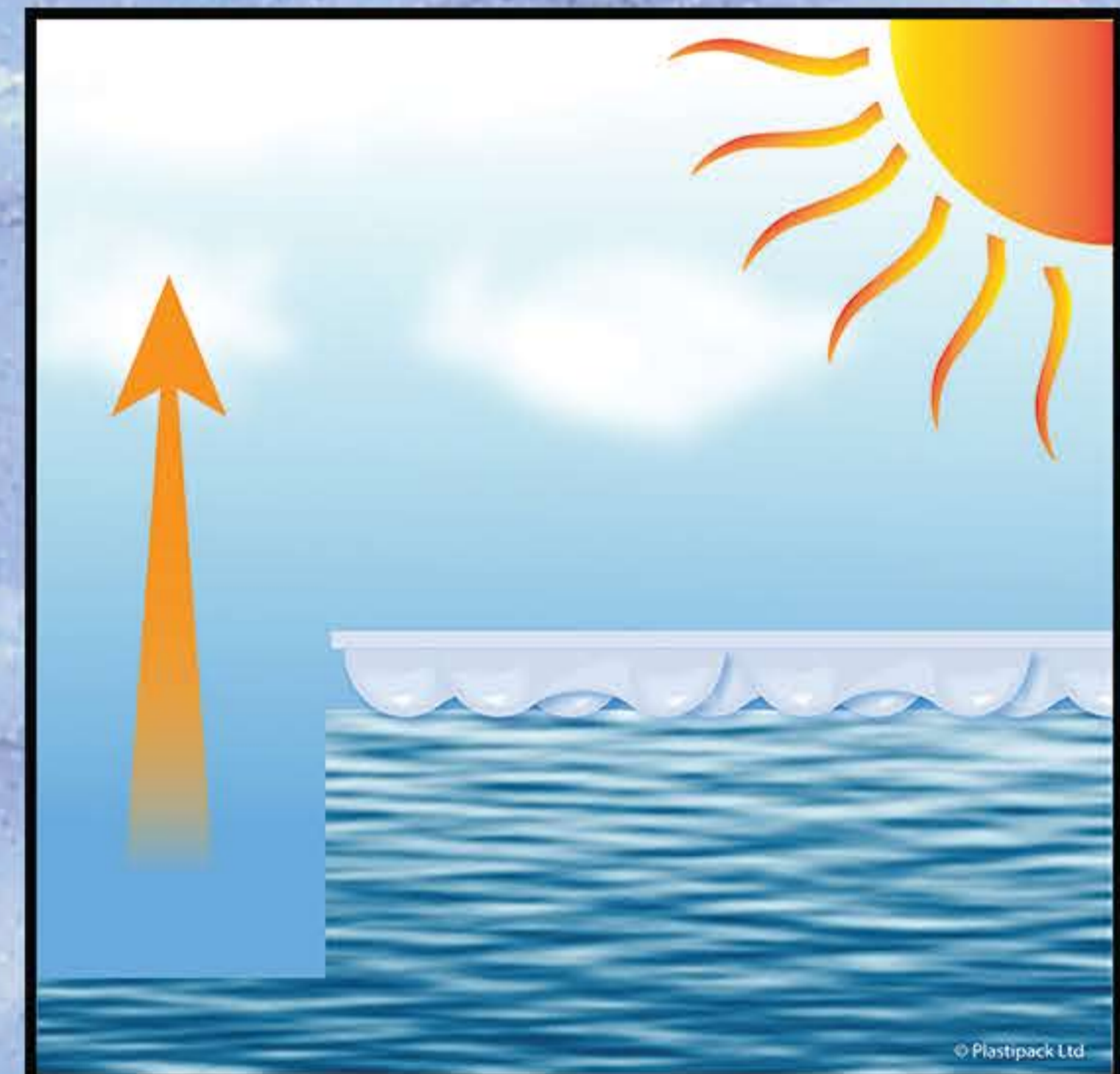
© Plastipack Ltd

## Keep your pool a refreshing temperature



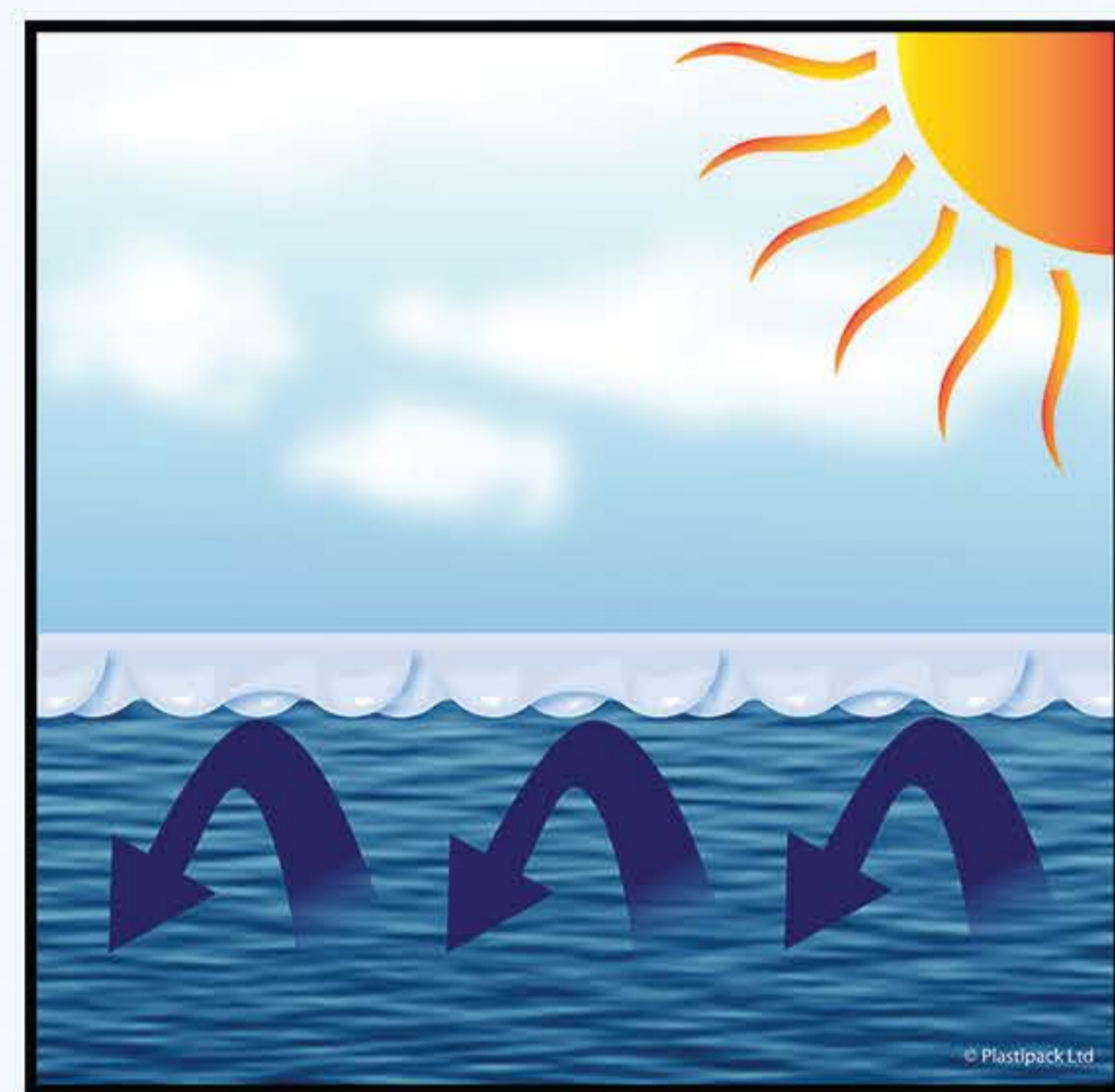
### Reflects heat

CoolGuard<sup>™</sup> Ultra's increased reflectivity provides a dramatic improvement to the regulation of the pool's temperature. Its Glacial Blue colour brings a 25% improvement in reflectivity across the visible and IR spectrum, providing a barrier to reduce solar gains, ensuring a refreshing swimming temperature.



### Prevents evaporation

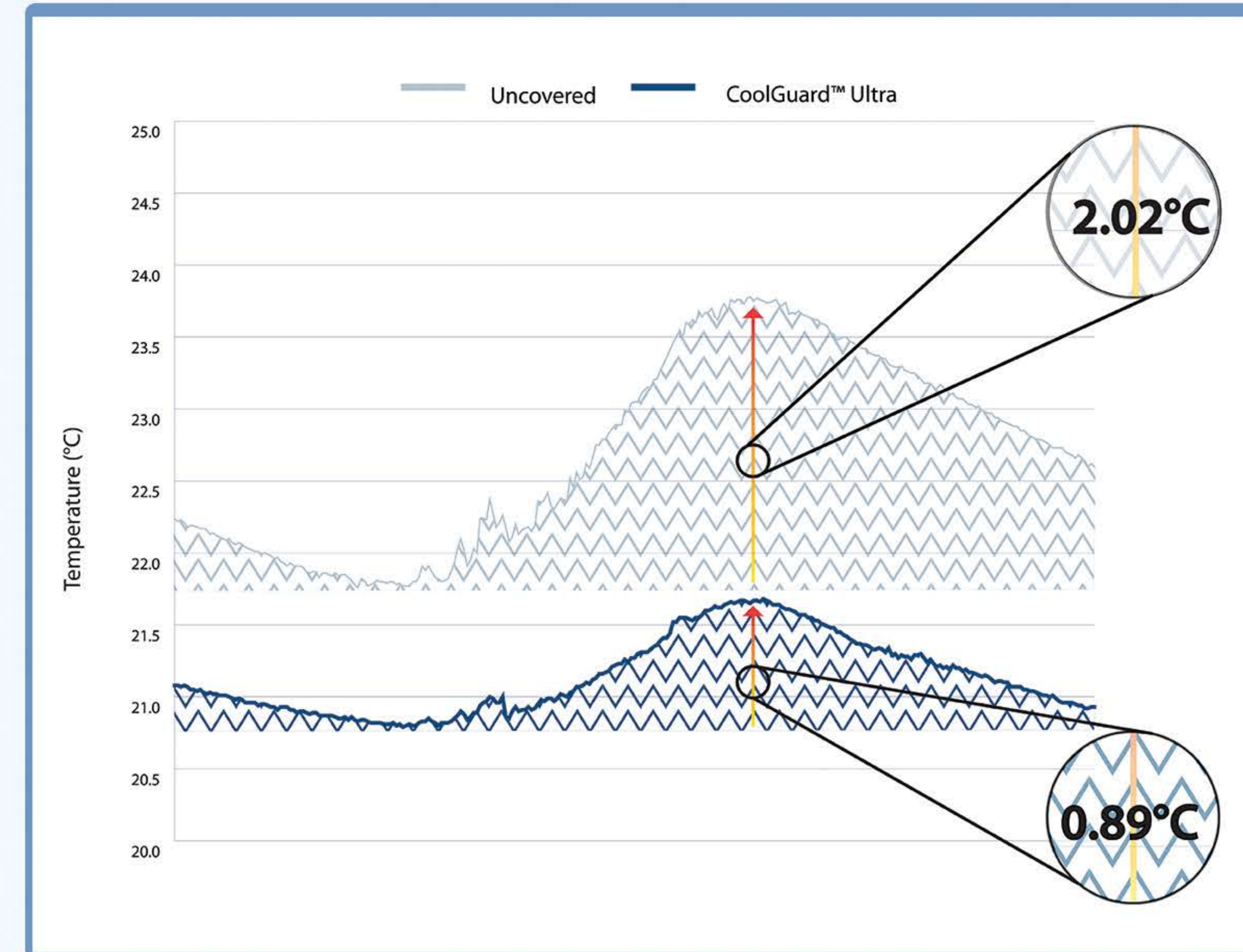
CoolGuard<sup>™</sup> Ultra's reflective properties provide a cooler, more refreshing swimming environment while conserving water resources and mitigating the energy demands on resource consumptive cooling units. The material provides a barrier to evaporation, giving the pool the ability to preserve water and reduce heat loss through evaporative cooling. Evaporative losses have the largest impact in maintaining a pool's temperature, responsible for 70% of the overall heat loss from an uncovered pool. Plastipack materials are tested to prevent over 98% of evaporative losses.



### Insulates to prevent heat transfer

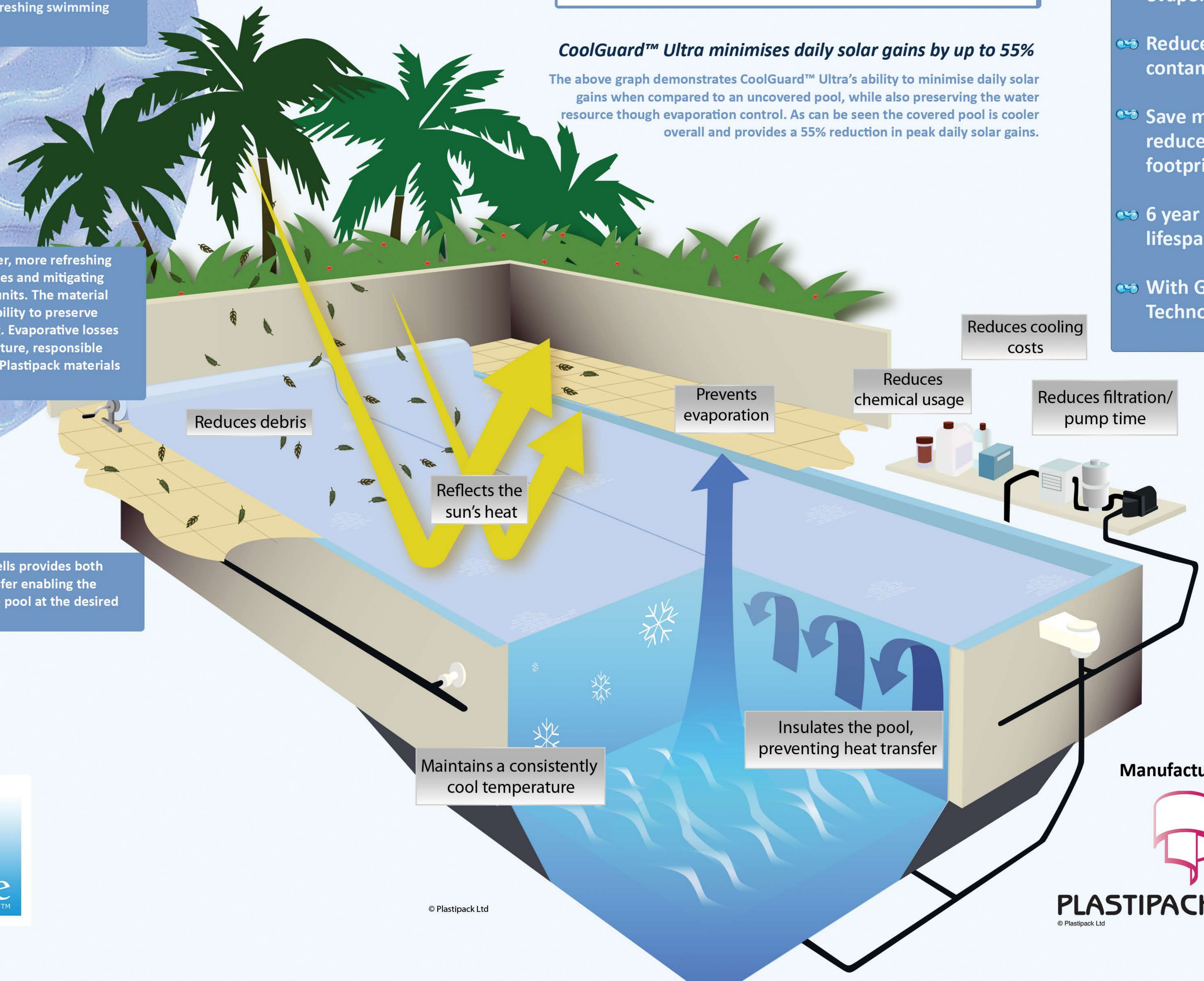
The unique profile of the GeoBubble<sup>™</sup> technology air cells provides both buoyancy and an insulative air gap to control heat transfer enabling the material to manage the pool environment and keep the pool at the desired temperature.

The unique GeoBubble<sup>™</sup> 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 manufacturers warranty



### CoolGuard<sup>™</sup> Ultra minimises daily solar gains by up to 55%

The above graph demonstrates CoolGuard<sup>™</sup> Ultra's ability to minimise daily solar gains when compared to an uncovered pool, while also preserving the water resource through evaporation control. As can be seen the covered pool is cooler overall and provides a 55% reduction in peak daily solar gains.



- Minimise daily solar gains by 55%
- Maintain a 10% cooler pool
- Reduce energy consumption by over 50%
- Reduce chemical consumption by up to 50%
- Eliminate water evaporation by 98%+
- Reduce debris contamination
- Save money and reduce the carbon footprint of your pool
- 6 year + expected lifespan
- With GeoBubble<sup>™</sup> Technology

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Manufactured by



PLASTIPACK LIMITED<sup>™</sup>

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# PLASTIPACK LIMITED<sup>TM</sup>

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## Specification Sheet

<b>Polythylene Film</b>	Dual-Extruded
<b>U.V. Protection</b>	180 kLys/yrs 1.2% Additive
<b>Colour</b>	Reflective Glacial 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 = 300 micron +/- 10% Back film = 200 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 years pro rata
<b>GEOBUBBLE™ 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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