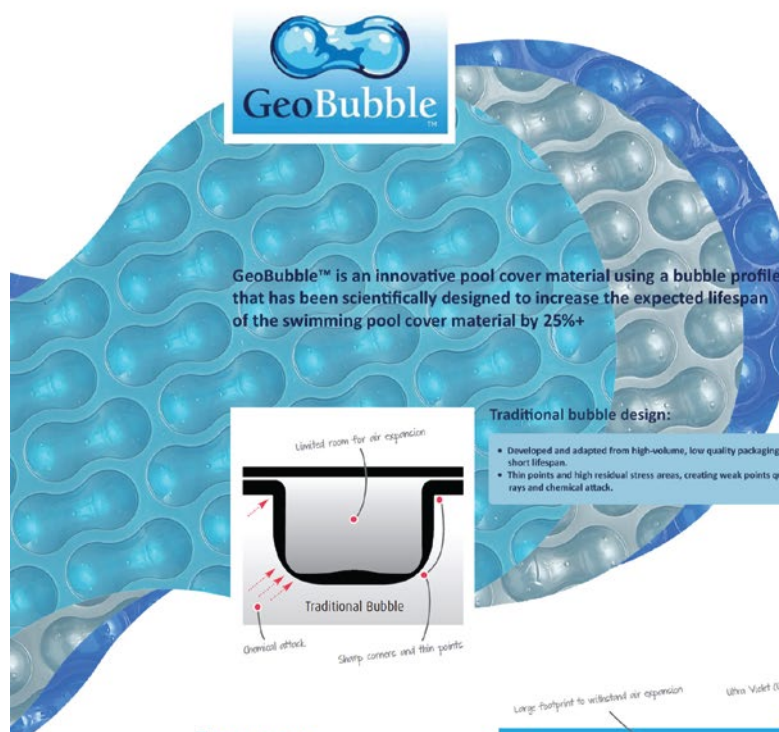


# POOL COVER



**GeoBubble™** is an innovative pool cover material using a bubble profile that has been scientifically designed to increase the expected lifespan of the swimming pool cover material by 25%+

**Traditional bubble design:**

- Developed and adapted from high-volume, low quality packaging bubble material with a short lifespan.
- Thin points and high residual stress areas, creating weak points quickly broken down by UV rays and chemical attack.

**Features**

- Unique patented design of two bubbles joined together by a structural waistline centre section.
- No sharp corners that could result in thin or weak points in the design.
- No stress points due to the bubble's smooth interconnected curves.
- 50% thicker than a traditional bubble material at its thinnest point.
- Increased resilience against UV rays and chemical attack.

**Traditional Bubble:** Labels include 'Waistline room for air expansion', 'Traditional Bubble', 'Chemical attack', and 'Sharp corners and thin points'.

**Unique GeoBubble™:** Labels include 'Large footprint to withstand air expansion', 'Ultra Violet (UV) attack', 'Unique GeoBubble™', '50% thicker in comparison to a traditional bubble's weakest points', and 'Smooth shape with uniform thickness'.

Our unique bubble design spent over five years in the research and development stage, in collaboration with London Metropolitan University and the University of Brighton. This synergy between academics and industry expertise has resulted in the development of a unique, patented bubble design. GeoBubble™ has marked a new era in high performance pool covers that offer both improved product longevity and maximum savings.

- Eliminates water evaporation by 98%+
- Reduce debris contamination
- Increase pool temperature
- Reduce chemical consumption
- Reduce energy consumption
- Save money and shrink your carbon footprint
- With GeoBubble™ Technology
- 500 Micron covers available
- 4, 5, 6 and 6.5 meter wide Dark Blue Silver Jumbo rolls are available

## INSULATING PROPERTIES

The material is comprised of two layers laminated together, the bottom layer makes up two thirds of the total thickness of the material and is formed into buoyant air cells that allow the cover to float on the water. The large footprint of the GeoBubble™ profile also acts as an insulator, retaining energy gained throughout the day mitigating heat loss from the pool.

## PREVENTS EVAPORATION

Our materials reduce water losses through evaporation by working as a barrier between the water's surface and the atmosphere. By simply covering the pool with the material, evaporation is reduced by over 98% resulting in the preservation of the water resources and increased temperatures within the swimming pool.

## LIFE SPAN

The unique GeoBubble™ design has been scientifically developed to provide performance and longevity of the blended LDPE 4 polyethylene cover material, providing a sustainable 100% recyclable, energy and cost saving product.

Material	Blended LDPE/LLDPE	
Weights	500 µm	460 gm <sup>2</sup>
Weld edges	30 mm	Bespoke (0-50 mm)
Widths	Roll – 2m, 2.5m	Jumbo rolls (4, 5, 6, 6.5 mtr)
Roll Lengths +/- 2%	102m & 51m	Jumbo rolls 50m
Roll Diameter +/- 1% (varies with thickness)	0.58m Ø for 51m	
Bubble Design	GeoBubble™ 15 x 30 mm x 5.5 mm (H)	
Bubbles per m <sup>2</sup>	1943	
UV Protection	Standard 0.6% additive	

Ref. Code	Product Description
ASPBG4M	4 Mtr Wide Geo Bubble cover - 500 micron
ASPBG5M	5 Mtr Wide Geo Bubble Cover- 500 micron
ASPBG6M	6 Mtr Wide Geo Bubble Cover- 500 micron
ASPBG65M	6.5 Mtr Wide Geo Bubble Cover- 500 micron

Manufactured by Plastipak, UK