



GeoBubble™



Woven
Product Range





Now with Weave

Our new woven material range comes with all the benefits of GeoBubble™ with an improved strength, durability and longevity.

The new style weave is tighter, with a higher tensile strength, for a longer-lasting, tougher material for your pool.



Unique GeoBubble™ Design

- Unique patented design of two bubbles joined by a structural waistline 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



Temperature Increase

GeoBubble™ covers help to increase pool temperature by allowing for solar gains, as well as retaining the gained heat by providing a barrier to evaporation and an insulative air gap.



Heat Retention

The unique profile of the GeoBubble™ technology air cells provide 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.

Light Blue Solarweave

EnergyGuard™ Selective Transmission

An award-winning solution to increase solar gains and inhibit algae



Now available with Weave



Award-winning material



Selective Transmission



Debris & Algae Inhibition



Heat retention



Evaporation Control

- Increase water temperature by up to 7°C
- Inhibit algae growth
- Reduce energy consumption by up to 60%
- Reduce chemical consumption by up to 60%
- Reduce filtration time by up to 50%
- Can be used as winter cover material
- Eliminates water evaporation by 98%+
- Reduce debris contamination
- Save money and shrink the carbon footprint of your pool
- 6 year + expected lifespan
- With GeoBubble™ Technology



Woven Product Range

Evaporation Control

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 water resources and increased temperature within the swimming pool.



Debris Control

Covering your pool prevents dirt, leaves, insects and other debris from entering the pool, maintaining a clean, pleasant swimming environment and reducing chemical demand.



Sol+Guard™

© Plastipack Ltd

A dazzling solution to maximise solar gains



Now available with Weave



Solar Gains



Heat retention



Evaporation Control



Debris Control

- 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

CoolGuard™ ultra

© Plastipack Ltd

A refreshing solution to temperature management



Now available with Weave



Heat Reflection



Heat Insulation



Evaporation Control



Debris Control

- 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™ Technology

Dark Blue Polyweave



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Specification Sheet

EnergyGuard™ Selective Transmission with weave*

Polyethylene Film	Dual-Extruded		
UV Protection	140 kLys/yr 0.9% Additive 180 kLys/yr 1.2% Additive		
Colour	Midnight Blue		
Thermal Properties	Vicat Softening Point (1kg) 93°C		
Cold Crack Temperature	-25°C		
700 microns thickness	Woven top layer = 240 micron +/- 10% Bubble Film = 350 micron +/- 10% Back film = 150 micron +/- 10%		
Weight per m²	637gms +/- 10%		
Overall Bubble Width	2000mm / 2500mm +/- 1%		
Welding Edges	30mm +/- 10%		
Overall Width	2060mm / 2560mm +/- 10%		
Roll Diameter	0.80m +/- 1%		
Roll Length	102m +/- 2%		
Est. Quantity for 120m³ truck	2.5m = 14,535m ² = 57 rolls 2m = 15,912m ² = 78 rolls		
Est. Quantity Containers	20ft = 4,692m ² = 23 rolls 40ft = 11,220m ² = 55 rolls		
Packaging	Packaged in Polyethylene bags		
Core Diameters	Internal 76mm/External 80mm		
Identification	Batch Identification by Q.A. slip and label showing Length/Grade		
Warranty	6 year pro rata warranty		
GEOBUBBLE™ TECHNOLOGY			
Bubble Width x Length	15x30mm		
Bubble Height	5.5mm		
No. of bubble per m²	1943		
WOVEN TOP SHEET	Material	Tensile Strength (N/m)	Tear Strength (N)
Warp	HDPE	50	160
Weft	HDPE	50	160

*All other specifications available on our website

Company information:
www.plastipack.co.uk

Product information:
www.geobubble.co.uk

Water storage:
www.vapourguard.co.uk

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