



# PLASTIPACK LIMITED

Manufacturers of Energy and Resource Saving Products

## Specification Sheet

Polyethylene Film	Dual-Extruded
U.V. Protection	Standard 0.6% Additive UV + 0.9% Additive
Colouring	1% Actual
Thermal Properties	Vicat Softening Point (1kg) 93°C
Cold Crack Temperature	-25°C
400 microns thickness	Bubble Film = 260 micron +/- 10% Back Film = 140 micron +/- 10%
Weight per m <sup>2</sup>	368gms +/- 10%
Overall Bubbles Width	2000mm / 2500mm +/- 1%
Welding Edges	30mm +/- 10%
Overall Width	2060mm / 2560mm +/- 10%
Roll Diameter	0.78 m +/- 1%
Roll Lenth	102 m +/- 2%
Est.Quantity for 120m <sup>3</sup> truck	2.5m = 57 rolls 2m = 78 rolls
Packaging	Packaged in Polyethylene bags
Core Diameters	Internal 76mm/External 80mm
Identification	Batch Identification by Q.A slip and label showing Length/Grade
<b>STANDARD BUBBLE</b>	
Bubble Diameter	12m
Bubble Height	4.9mm
No. of bubble per m <sup>2</sup>	5801
<b>GEOBUBBLE™ TECHNOLOGY</b>	
Bubble Width x Length	15x30mm
Bubble Height	5.5mm
No. of bubble per m <sup>2</sup>	1943

Specifications Sheets in other grades can be downloaded from our website

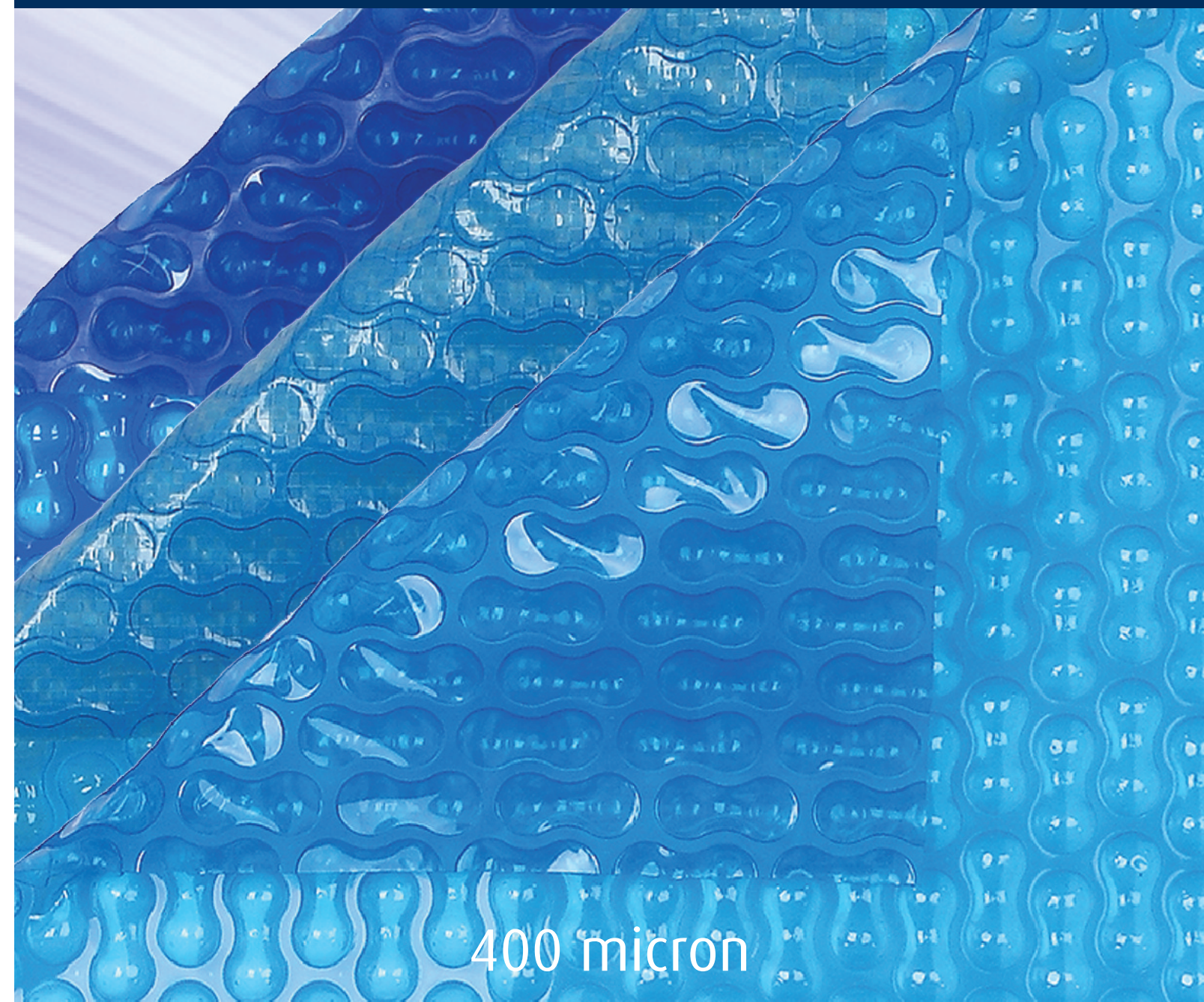
A new standard in performance  
Swimming pool cover material

Manufacture      Product Information      Water Storage  
[www.Plastipack.co.uk](http://www.Plastipack.co.uk)    [www.GeoBubble.co.uk](http://www.GeoBubble.co.uk)    [www.VapourGuard.com](http://www.VapourGuard.com)

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t: +44 (0) 1424 851659 f: +44 (0) 1424 853909 e: [Info@plastipack.co.uk](mailto:Info@plastipack.co.uk)



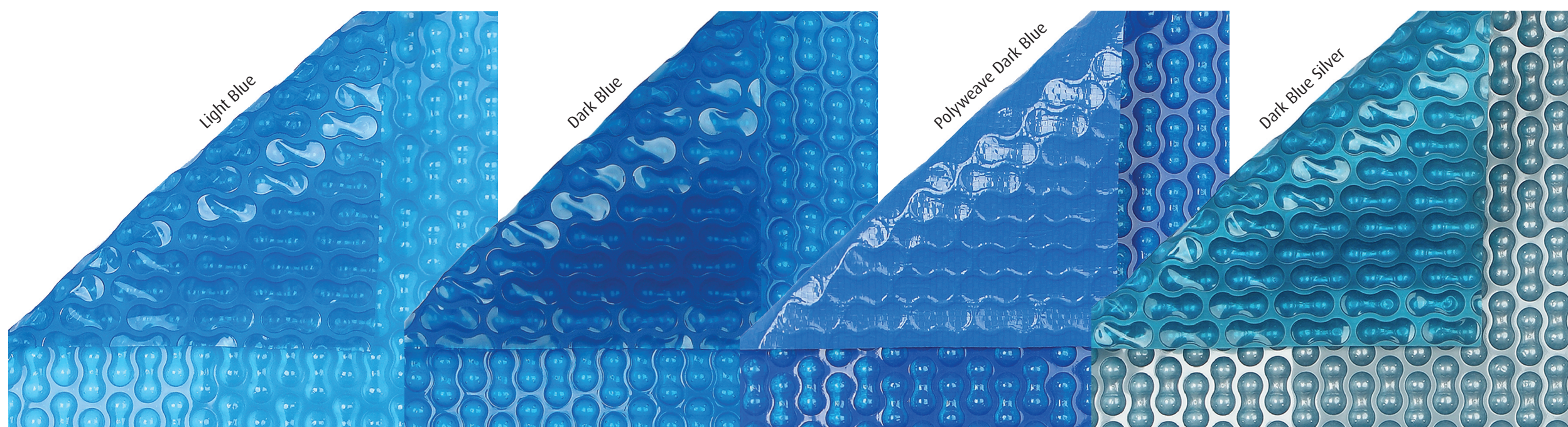
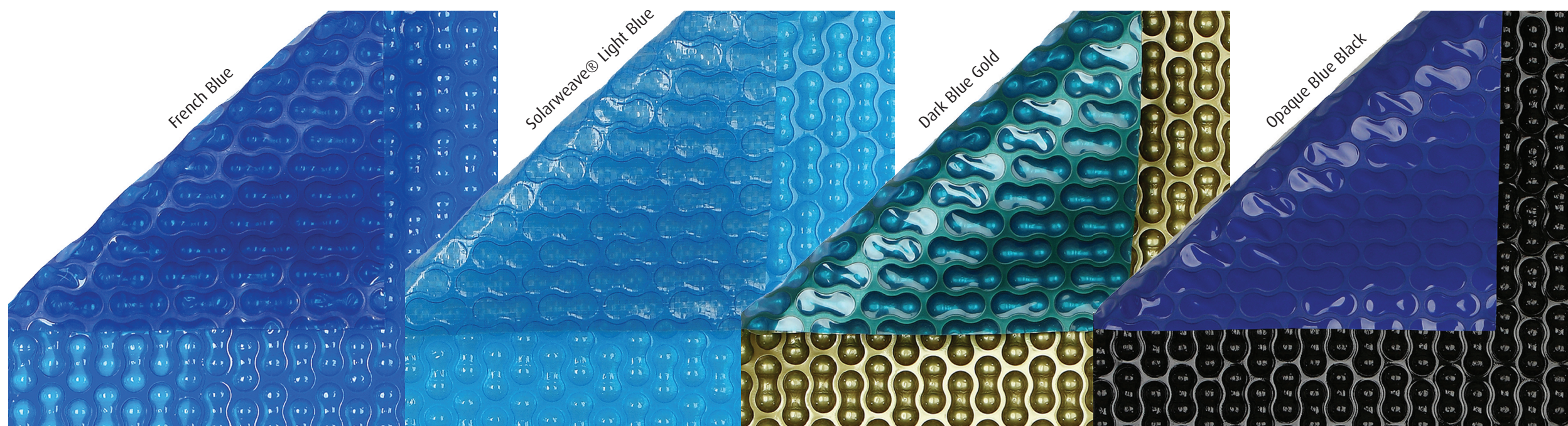
Plastipacks standard materials available  
with GeoBubble™ technology



400 micron



- Increase pools temperature
- Available with GeoBubble™ technology
- Available from 400 to 600 micron
- Reduce chemical consumption
- Reduce energy consumption
- Eliminate water evaporation by 98% +
- Save money
- Reduce debris contamination
- Reduce the carbon footprint of your pool



Plastipack's standard materials are available with GeoBubble™ technology or our 12mm Bubble. Both bubble designs are available in a range of thicknesses and colours. Manufactured in 2m and 2.5m widths, 51m or 102m lengths. Stock rolls have a 30mm weld edge both sides or customer specific weld edges manufactured to order.

## Evaporation Prevention

The material reduces water losses through evaporation by working as a barrier between the water's surface and the atmosphere. Evaporation is responsible for 70% of the heat loss from a pool due to the evaporation processes high energy requirement. To heat one gram of water 1°C it requires 1 calorie of energy as the same gram changes phase and evaporates 540 calories are consumed resulting in heat loss in the swimming pool. 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.

## Insulating Properties

The air cells in the material allow the cover to stay buoyant and provide insulation. Radiation of heat into the atmosphere is responsible for 20% of the heat lost from a pool. The prevention of evaporation, the insulation and high transmission

properties of the material help maintain a comfortable swimming environment while saving resources and costs of running a swimming pool.

## Life span

The improved 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.

The expected life spans of our materials are as follows.

- 400micron 2-3 years
- 400micron + weave 2-3 years
- 500micron 3-4 years
- 600micron 3-4 years

Products with GeoBubble™ technology up to 25% longer lifespan.

