



**P** *Plastica*  
COMMERCIAL

Fast, efficient and  
energy saving...

**COMMERCIAL  
COVERS AND  
REELS**

**P** *Plastica*  
Est. 1972

# ABOUT OUR COMPANY

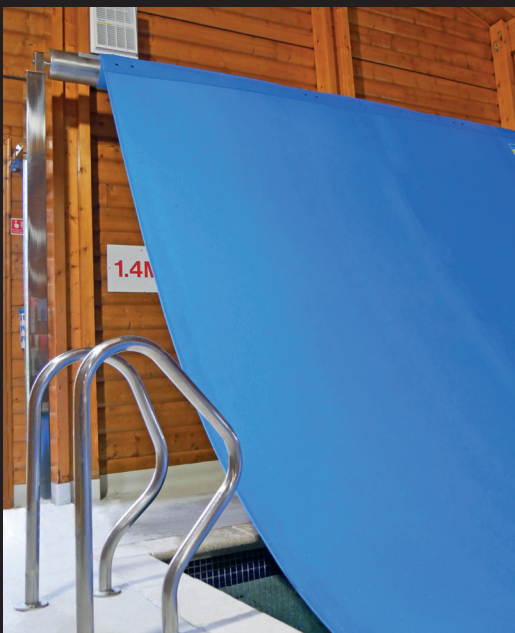
Plastica is a leading independent manufacturer, distributor and installer of swimming pools and associated products for commercial and domestic use in the UK. The company has continuously improved its products over 50 years of trading. Plastica's extensive value engineering ensures that it provides customers with specification advantages and cost saving features that others call extras.

Plastica manufactures every cover and reel system to order in its own 11,000 square metre factory in St Leonards-on-Sea, East Sussex. This enables the company to offer a bespoke solution to accommodate a customer's individual preferences and to overcome any logistical difficulties for the installation of a reel system.





**“It is now widely accepted that installing a heat retention cover is the single most effective means of reducing swimming pool energy consumption”**



# ABOUT OUR REELS

Over the past few years the need to reduce carbon emissions has become greater than ever. Most establishments are looking for new ways to reduce their carbon footprint and minimise impact on climate change.

It is now widely accepted that installing a heat retention cover is the single most effective means of reducing swimming pool energy consumption. Fit the right cover on your pool and you will see a reduction in energy bills of an average 23% per annum (figures based on actual independent live trials on an indoor pool). Typical payback on our customers' systems is less than 2 years.

It is not just the reduced energy bills that make for such a strong argument for covering your pool. The vast majority of heat loss is through evaporation. With your pool cover in place, evaporation is virtually eliminated. You will also benefit from reduced humidity and condensation in the pool building.



**Sandford Lido,  
Cheltenham**

**Pool size:**  
50 x 27m main pool

**Cover system:**  
3 x 5mm Supercovers fitted to  
slatted bench with a commercial  
leading edge plus wind wires.

**“Plastica has provided us with excellent service from start to finish and the money these covers save us on heating and gas, especially in the current climate, is what enables us to provide a heated pool for our customers for seven months of the year...”**

Management team at  
Sandford Lido, Cheltenham

## Commercial Reel Systems

### Motorised Reel Systems

Motorised reels and covers are becoming increasingly popular. The benefits of fast and efficient cover operations include time savings and reduced manual handling for poolside staff. For ease of use, the system can be operated via a key switch or remote control. Motorised systems include soft start and stop electronics to prolong the life of the cover and the reel system. Pictured is a white powder coated finish which we can offer to match your surroundings. Ask for details!



### Low Level Modular Bench Enclosures

The newly developed low level modular bench enclosure has been designed in X metre length sections to make the transportation and install easier to handle. This system is ideal for larger outdoor swimming pools with lots of activity. It has a framework made from polished high-grade stainless steel, like all our reels to maximise strength, longevity and ease of maintenance. With a protective synthetic hardwood top.

This fixed reel system provides a solid, hard wearing and attractive surround for your cover and is available in sizes up to 14m in length. This system can be motorised.



**“Up to 90% of a pool’s heat is lost through its water surface”**

## Commercial Reel Systems



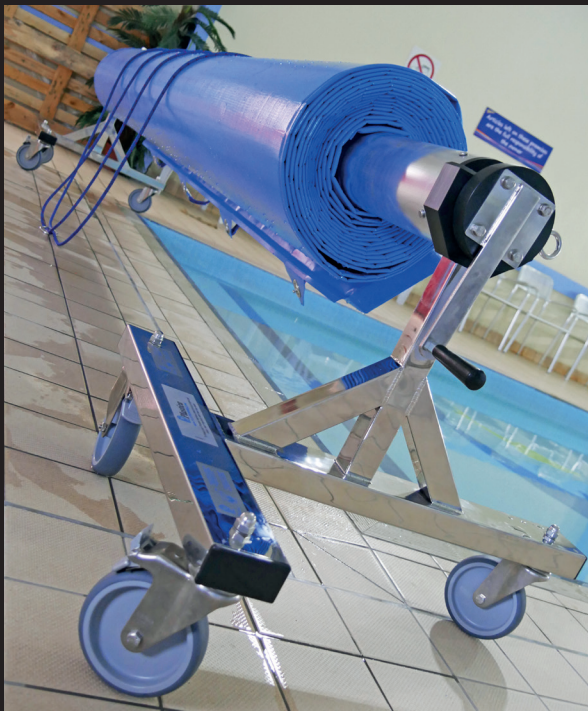
### **Piggyback Mobile Reel System**

The dual tubes allow one reel system to cover a pool almost twice its width with ease. This system has proved popular with schools and local authorities.

The end stands are manufactured from a high-grade polished stainless steel. The 150mm (6”) stainless steel braked castors allow the reel system to be repositioned for rolling covers on and off the pool.

Cover straps attach to two 127mm (5”) diameter aluminium tubes. Simply attach the straps to the tube and roll the first cover onto the reel system. Move the reel across and repeat the process to remove the second cover from the pool.

The reel system can then be removed from the pool edge and stored when not in use.



### **Mobile Reel System**

This system is ideal for smaller commercial swimming pools and is similar to the Commercial Piggyback Reel but with one tube.

It is manufactured using a 127mm (5”) aluminium tube with nylon end bosses, high-grade polished stainless steel end stands on 127mm (5”) stainless steel and braked castors.

Use of a 3.5:1 reduction gearbox is advised for covers over 140 sq.m. per tube (1500 sq.ft), making it easier to wind the reel.



# ABOUT OUR COVERS

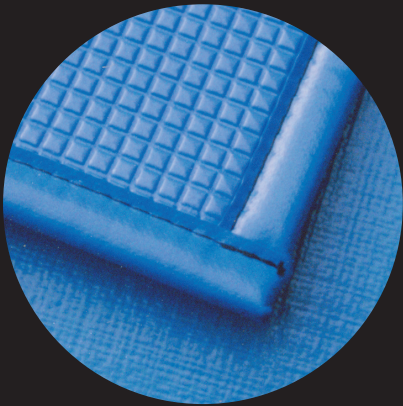
Plastica manufacture a range of heat retention covers specifically designed to minimise energy loss.

- **Reduces costs - saves money**  
Seals the pool water surface to minimise heat loss through evaporation, water loss and use of water treatment products.
- **Tough heat retention cover**  
Manufactured from a highly efficient foam centre layer with a strong polyethylene coated woven top sheet with embossed and sealed underside.
- **Domestic and Commercial**  
All Plastica heat retention covers are welded length ways and are shaped and hemmed to your specification on all exposed edges for greater strength.
- **UV stabilised**  
The material is formulated to be compatible with use on heated outdoor pools where solar gain is not required.

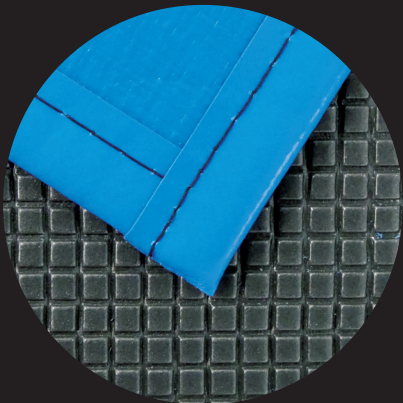
**“Our cover and wall mounted reel system works really well – it does what it says on the tin! The cover was selected for its energy saving benefits and the installation went very smoothly.”**

Area Leisure Manager  
Baysgarth Leisure Centre

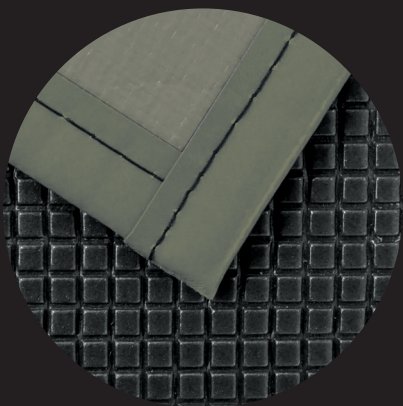
## Commercial Covers



Premium 8mm Cover



5mm Supercovers in blue



5mm Supercovers in grey

Our standard commercial heat retention covers are manufactured from three layers bonded together for unrivalled strength and durability.

Constructed from thick polyethylene closed cell foam, they have a woven coated polyethylene top surface which is UV stabilised and wear resistant. The underside of the cover has a thin embossed layer of clear polyolefin, which has been designed to give good drainage and rolling characteristics as the cover is wound off the pool. Our covers can sustain pool temperatures up to 29°C. The reinforced hemming around the perimeter edge prevents wear against the pool sides and makes for an attractive finish.

Plastica's **8mm Premium Cover** boasts outstanding heat retention characteristics. It can sustain higher temperatures and therefore is more suited to use on hydrotherapy pools, where maximum temperatures can go up to 39°C. Premium Covers are supplied with a 4 year pro-rata guarantee, 1 year for hydrotherapy pools.

The **5mm Supercovers** is a tough thermal insulation cover suitable for use on indoor, outdoor, domestic and commercial pools and a slightly cheaper alternative. It is available in blue or grey top surface. Supercovers are supplied with a 3 year pro-rata guarantee.

Regardless of pool size, both covers save on heating costs and reduces chemical usage that would otherwise be lost through evaporation.



**“Our new cover has been a massive improvement... the pool is holding its temperature much better than before, and there is no noticeable heat loss overnight.”**

Ross, Estate Manager  
Dulwich Prep, Cranbrook

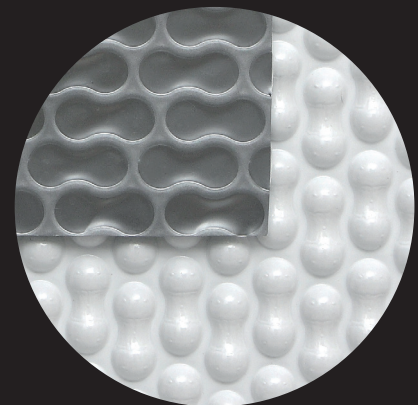
### RaeGuard™

RaeGuard™ is the latest addition to the high-performance Guard product range, designed specifically to maximise heat retention through its tailored reflective properties. Identifiable immediately from its silver top layer and white bubble, RaeGuard™'s unique properties work to actively reduce heat losses from a pool's surface by up to 57%.

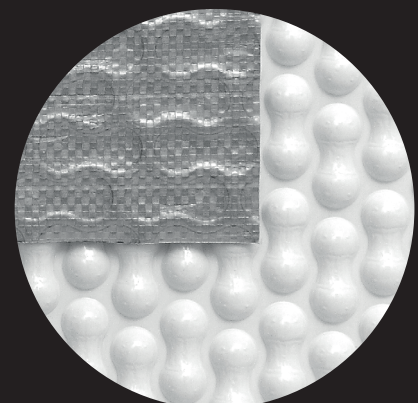
RaeGuard™ offers up to 90% of the insulating performance of a traditional 5mm foam, but with a significant reduction in the material cost.

Featuring the unique GeoBubble™ Technology air cell design and enhanced UV stabilisation, RaeGuard™ comes with a 6-year manufacturer's warranty and a 6-year plus expected lifespan. Offering typical payback times of less than a year, RaeGuard™ materials have the potential to save money, energy and resources.

- **Retain heat and maintain pool temperature.**
- **Reduce heating losses by up to 57%.**
- **Pay back the cost of a cover within 1 year.**
- **Works on both indoor and outdoor pools.**
- **Eliminates evaporation by 98%.**
- **Reduce debris contamination.**
- **Save money and reduce the environmental impact of your pool.**
- **6+ years expected lifespan.**
- **With GeoBubble™ Technology.**
- **Available with reinforcing weave**



RaeGuard™



RaeGuard™ Weave

# ABOUT

## OUR PROCESS

Outlined below are the steps we take to get your energy saving swimming pool cover underway from estimate to installation.



### Estimate

Based on the size and location of your pool, we can give you a ballpark figure to estimate a cost to fit the right commercial swimming pool cover and reel system for your business. This gives you an initial idea of your financial outlay, so no big surprises!



### Survey

Plastica's team of surveyors use state-of-the-art equipment to survey your pool and determine the best cover and reel system to save you money in the long run. We use accurate CAD drawings and no pool is too complex for us to take into consideration.



### Quote

Once we have completed your survey we will give you a full quotation based on your individual requirements and swimming pool. We believe in the quality and integrity of our product!



### Order

If you are happy with our tender and decide to go ahead, we will proceed with your order. Rest assured the production of your unique commercial system draws on our 50 years of experience to guide you through the process.



### Installation

Plastica has earned an excellent reputation for installing commercial cover and reel systems to an agreed schedule. We understand the need for commercial centres to forewarn customers about any short pool closures and get your pool open again for business. Plastica also offers an ongoing maintenance agreement and a full range of pool products to meet your needs.

Contact us to find out more...

# ABOUT

## MAKING A COMMERCIAL COVER



**Step 1. Measuring and laying out the cover material** 5mm Supercover material is cut to suit the length and width of the pool.



**Step 2. Welding the cover together** A hot air welder is used to join the seams together. The material is welded on both the laminate and foam sides. Once welded the cover is cut to the exact measurements.



**Step 3. Fitting the straps** Hard wearing tarpaulin straps are attached to the cover at even spaces.



**Step 4. Detail of the straps & wind wires** 4mm stainless steel wire is hemmed into the entire length of the cover so it can be secured around the pool.



**Step 5. Checking the cover** Once complete the cover is turned over, checked for size and quality inspected.



**Step 6. Packaged and ready for despatch.**



**Step 8. Lining up the covers to be installed.**



**Step 9. Attaching the straps to the reel system and wind wires to the pool side.** The 4mm wire is attached to the pool wall using tough stainless-steel fixings.



**Step 10. The new cover is installed and a perfect fit!**

The logo features a stylized 'P' icon on the left, composed of three concentric, rounded vertical lines. To the right of the icon, the word 'Plastica' is written in a large, elegant, italicized serif font. Below 'Plastica', the word 'COMMERCIAL' is written in a smaller, all-caps, sans-serif font.

**Plastica**  
COMMERCIAL

Plastica Limited

Perimeter House, Napier Road

St Leonards-on-Sea, East Sussex

TN38 9NY

[www.commercialpools.co.uk](http://www.commercialpools.co.uk) | 01424 856500 | [quotes@commercialpools.co.uk](mailto:quotes@commercialpools.co.uk)

