Pool Covers

Certikin
FLUIDRA

Certikin Solar Blankets

Essential to the running of a swimming pool in the UK

More than ever, a solar blanket is a firm necessity when it comes to operating a pool in the UK. By offering solar gain, heat retention and a water loss barrier, a good quality and well-made bubble cover will provide years of service and save money far beyond its original cost in a very short period of time.

Certikin offers a range of solar covers to suit every need from our unique GeoBubble design which has multiple user benefits, right through to the long established industry standard 400 and 500 micron traditional bubble covers.

No matter what choice is right for a specific instance, these facts cover the whole range:

- All Certikin covers are manufactured at floor level to ensure the flattest possible finish to each cover, however some reversion at the welded seam can be visible
- All covers sized up to 40'x 20' (12m x 6m) are delivered in a storage bag and come complete with a complimentary basic solar protection sheet
- Covers which require shaping can be shaped in the factory at a charge or can be trimmed on site with household scissors. For shaped covers which require hemming, a template or comprehensive dimensions should be supplied at point of order
- If connecting your cover to a reel system, it is recommended that you use one of our Aquablade towing systems to safely dispense the cover onto the pool
- Blankets are invoiced in metric at their actual square metre finished size
- Imperial measurements are rounded up to the nearest 1" on length and width
- Failure to use the supplied, or similar, solar protection sheet, failure to maintain water quality to SPATA standards or the running of pool water temperatures in excess of 30°C will result in the cover warranty being void

Approximately 70% of heat lost from an outdoor pool is through the process of evaporation.

Even the most basic bubble cover will stop in excess of 90% of this form of heat loss, reducing heating bills and also significantly reducing chemical consumption and water replacement.

GeoBubble Solar Covers

What is GeoBubble Technology?

It is a new innovative bubble shape that has been scientifically designed to increase the expected lifespan of swimming pool bubble cover material by up to 25%.

Traditional bubble cover materials have always made use of a circular/ cylindrical bubble design, but experience has begun to show that this design offers multiple weak points which can be prone to premature failure in the harsh environments of a swimming pool.

The new GeoBubble extrusion has specifically been created to combat the attacks of UV and pool chemicals and has converted the limitations of a traditional bubble to great advantages.

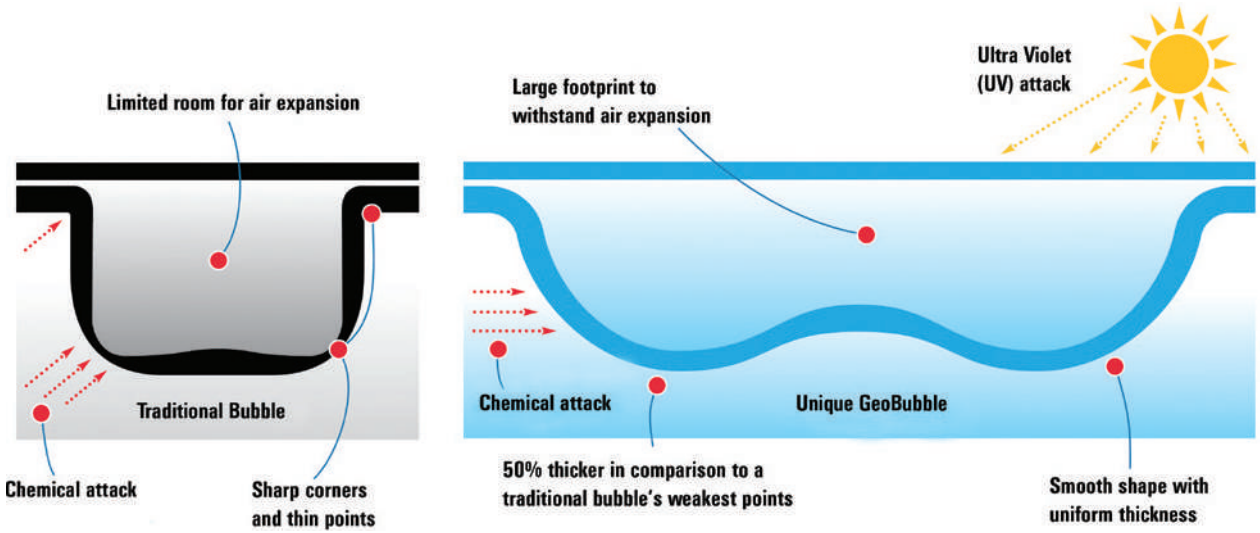
Sharp corners which were once an area of high stress have been replaced by a smoother, more uniform shape and a thickness of material (50% thicker that standard bubble) which considerably increases the bubbles resistance to attack from the water. On the surface, improved UV additives, stabilisers and anti-oxidants have added to the covers' overall durability and within the bubble a larger cavity offers more room for air expansion.

The GeoBubble design has a much larger footprint than most traditional bubble materials to allow for expansion of air in the bubble shape. The stiff waistline section makes the bubble strong enough to hold expanding air and will not stretch and burst under pressure. The large footprint also acts as an insulator, retaining heat in the pool, plus helps the cover stick to the water so it cannot be blown off the pool.

All in all, GeoBubble covers offer excellent levels of performance and durability over standard pool covers.

GeoBubble's unique features and benefits:

- 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
- Increased resilience against UV rays and chemical attack



Sol+Guard - Hint of Blue

Plain edged covers are held in stock for 20 x 12, 28 x 14 and 30 x 15 sizes.

Sol+Guard

The highly efficient Sol+Guard offers high performance in solar gain and heat retention. The highly transparent material, with just a hint of blue colouring to the bottom layer, allows high levels of solar entry into the pool and the 500 micron thickness provides durability, good heat retention and low water loss levels.

Sol+Guard 180

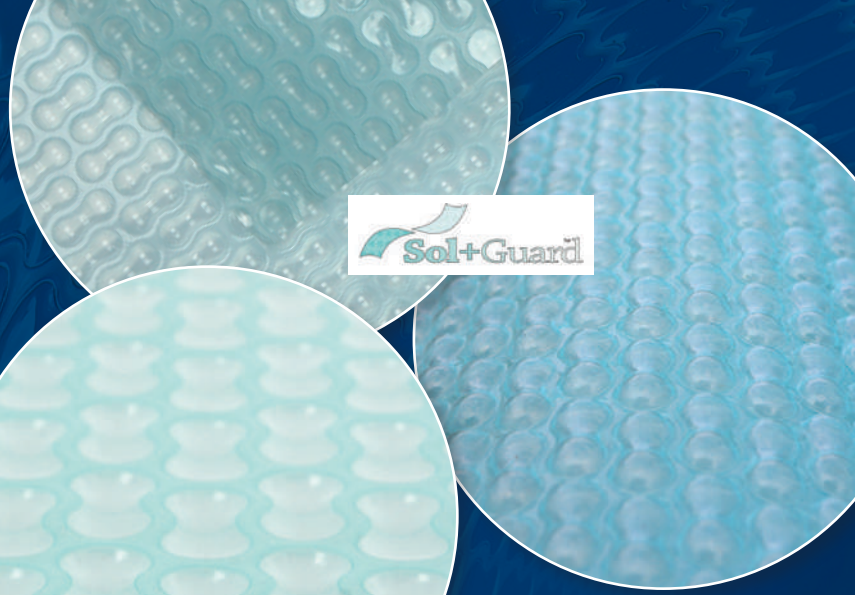
Offers all the benefits of the standard Sol+ product but with the additional UV protection through increased protective additives (1.2% as opposed to 0.99%), making it ideal for extreme sun traps and overseas use.

- Highly translucent material - very subtle hint of blue
- Can increase pool water temperature by up to 8°C
- 2060mm panel width
- 460g per m^2

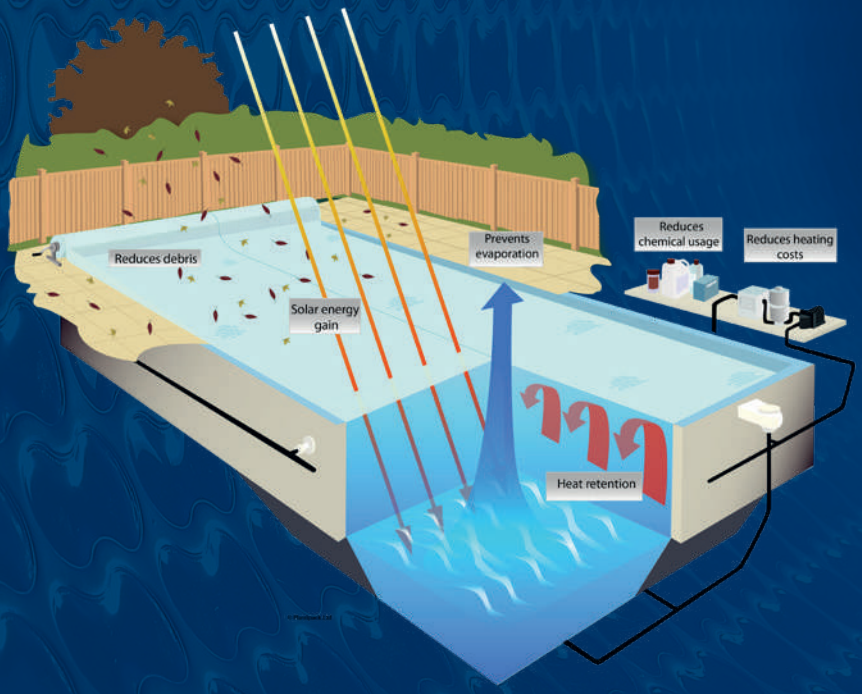
Increase pool temperature through solar energy gain

Eliminate water evaporation

Reduce energy consumption



6 Year Pro-Rata Warranty

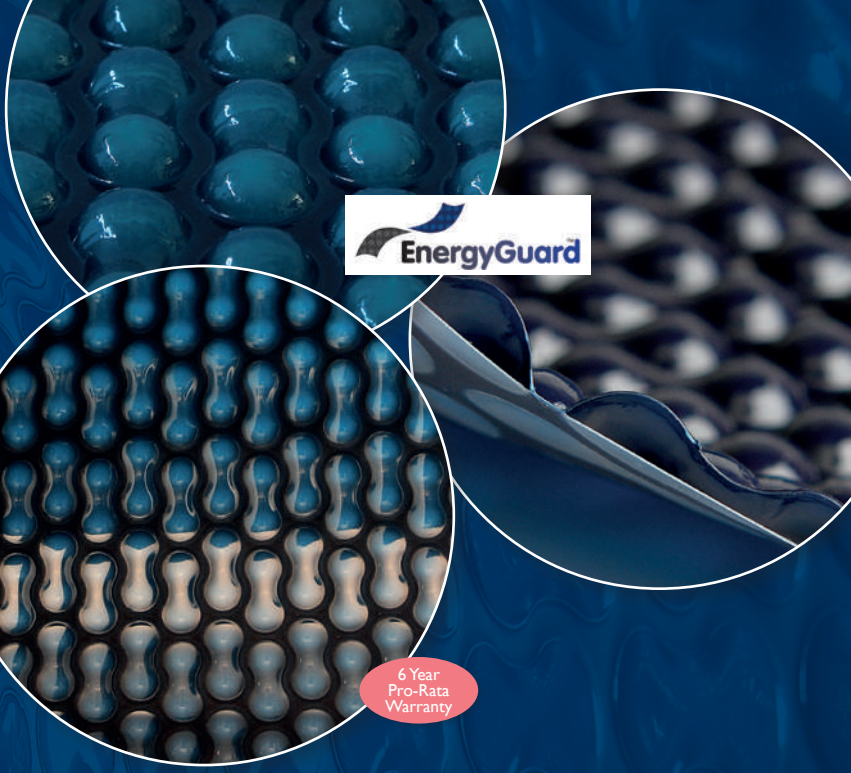


EnergyGuard Selective Transmission - Midnight Blue

Maximising pool temperature and inhibiting algae growth at the same time is now possible with this innovative light filtering material, meaning there is no need to compromise between temperature performance and chemical savings.

Offering optimized solar gain and algae inhibition, the patent applied for EnergyGuard material now effectively delivers the best possible balance between solar heat gain, chemical and filtration reductions, making it the most innovative solar cover to date.

- Ultra tough materials - maximum durability
- Opaque colouring inhibits algae growth
- 2060mm panel width
- 460g per m^2

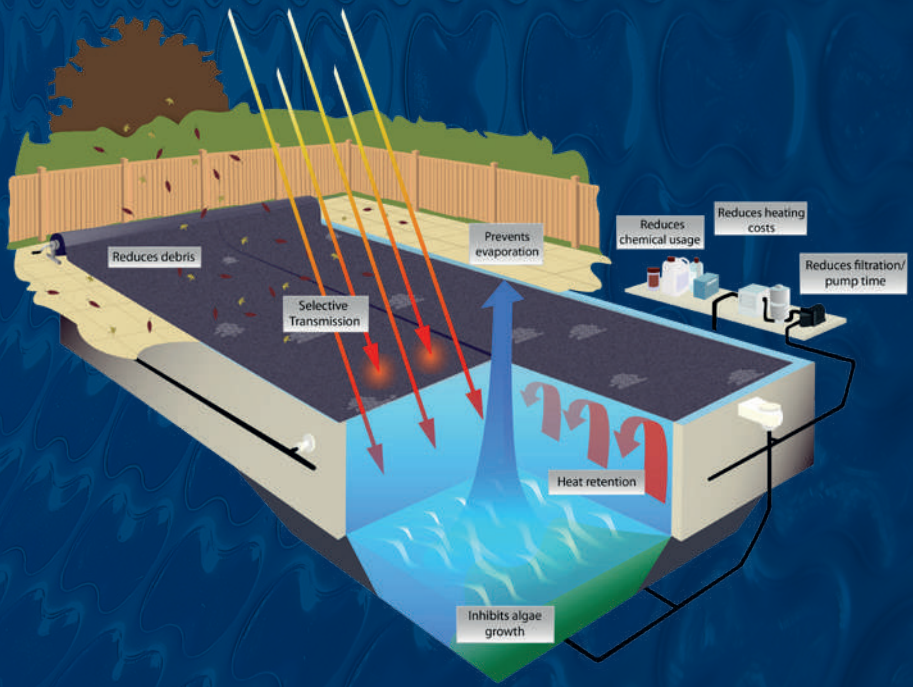


Increase pool temperature through solar energy gain

Eliminate water evaporation

Reduce energy consumption

Inhibits algae growth and debris



400 Micron GeoBubble Blanket - Blue/Blue

- Extended life span
- Translucent colouring
- 2060mm panel width
- 368g per m^2

500 Micron GeoBubble Blanket - Blue/Blue

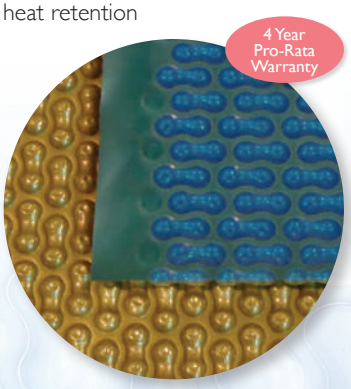
- Translucent colouring
- 2060mm panel width
- 460g per m^2

400 Micron GeoBubble Blanket - Blue/Silver

- Reflective underside - increases heat retention
- Translucent colouring
- 2060mm panel width
- 368g per m^2

500 Micron GeoBubble Blanket - Jade/Gold

- Reflective underside increases heat retention
- 2060mm panel width
- 460g per m^2



400 Micron GeoBubble Blanket - Black/Black

- 2060mm panel width
- 368g per m^2

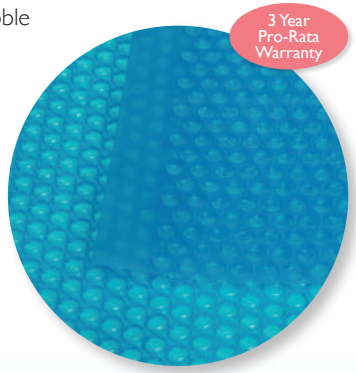
Standard Bubble Solar Covers

A classic look with proven performance

Our range of standard bubble covers offers tried and tested formulas which have been used on pools for many years. From the industry standard 400 micron blue cover to the unique jade and gold 500 micron cover, these covers offer classic looks with proven performance.

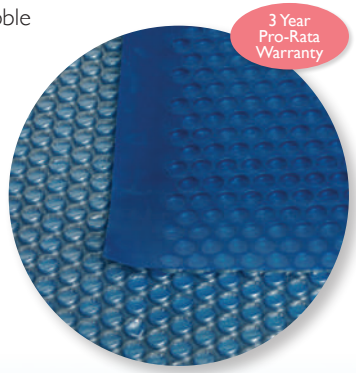
400 Micron Blanket - Blue/Blue

- Translucent colouring for maximum solar penetration
- 12mm diameter standard bubble
- 2060mm panel width
- 368g per m^2



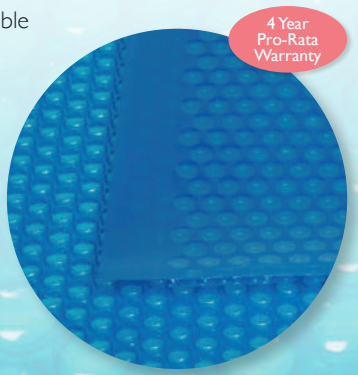
400 Micron Blanket - Blue/Silver

- Reflective underside increases heat retention
- 12mm diameter standard bubble
- 2060mm panel width
- 368g per m^2



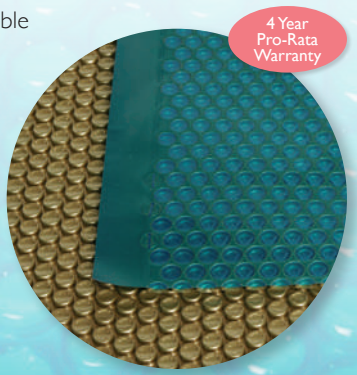
500 Micron Blanket - Blue/Blue

- Translucent colouring for maximum solar penetration
- 12mm diameter standard bubble
- 2060mm panel width
- 460g per m^2



500 Micron Blanket - Jade/Gold

- Reflective underside increases heat retention
- 12mm diameter standard bubble
- 2060mm panel width
- 460g per m^2



Heat Retention Covers

The most effective way to reduce swimming pool energy consumption

Foam Heat Retention Covers

Certikin foam heat retention covers are manufactured from a closed-cell PE foam. Our 6mm Thermalux is suitable for all heat retention purposes on pools run up to 30°C and benefits from a laminated underside and a strong woven polyethylene top coat making it extremely hard wearing. The density of the material helps to keep light penetration to a minimum and therefore reduces algae growth.

Our popular 6mm foam is now available with a solid white surface and joined with a matching solid white joint tape. The crisp white finish is ideal for blending with spas, white tiles and lighter coloured pool surrounds – or just to stand out! Overall performance of the cover is exactly the same as the traditional full blue foam.

The main purpose of a heat retention cover is to limit heat loss and this is where foam covers come into their element – a good fitting and correctly used 6mm foam cover will eliminate heat loss by 85-90%, significantly reducing running costs and offering a very quick payback period (retention and payback will differ from site to site).

Due to the nature of these materials and the manufacturing process, some creasing of the top coat can be present (especially on hemmed covers) and the cover may not lie perfectly flat. Covers are rolled, not folded, for dispatch in order to eliminate these where possible.

Unless requested otherwise at time of order, all 6mm foam covers will be made approximately 30mm narrower than pool width to allow ease of movement on and off the pool. Covers over 10.5m in length will be seamed across the width of the cover. Covers at or over 100m² cannot be hemmed.

Spa / Hydrotherapy Foam

A dense 12mm foam which is ideal for spas and small hydrotherapy pools with running temperatures of up to 40°C. Double layered blue textured foam with a clear foil laminate to the top and bottom surfaces. Can be made into jumbo rolls (50m x 3m) for multiple cover cut outs. Panel width 1500mm (jumbo roll only). 1 year warranty.

The Thermalux 12mm foam is not suitable for roller systems and cannot be hemmed.

Thermalux 6mm Foam (blue/blue)

- Tough woven surface and laminated underside
- Hemming optional - at extra cost
- 350g / m² - panel width 1850mm
- R-value 0.16 / U-value 6.25

Thermalux 6mm Foam (white/blue)

- Unique solid white woven surface
- Joined with matching white strap
- White hemming optional at an extra cost
- 350g / m² - panel width 1850mm
- R-value 0.16 / U-value 6.25

Thermalux 12mm Foam

- Double thickness foam with lamination to both sides
- For use on pools/spas up to 40°C
- Panel width 1850mm
- R-value 0.32 / U-value 3.1
- Jumbo Rolls to specifications - Minimum 100m²

Thermalux 6mm Foam - Grey

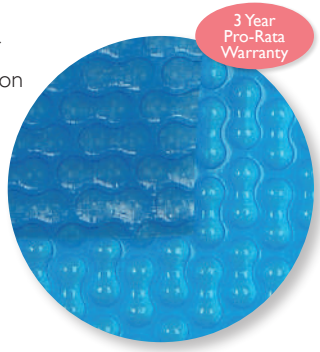
- Unique solid grey woven surface
- Joined with matching white strap
- Grey hemming optional - at an extra cost
- 350g / m² - panel width 1850mm
- R-value 0.16 / U-value 6.25

Heat Retention Bubble Covers

Certikin heat retention bubble covers are manufactured from the highest grade materials and are suitable for all pools. Based on a 400 micron density bubble material and with a tough, tear resistant woven surface, these covers are suitable for frequent use areas where durability is essential. Solar weave is particularly suitable for outdoor pools as it combines the features of a heat retention cover with the translucent surface of a solar blanket, thus also benefiting from solar gain. As with all Certikin covers, floor level welding makes them as flat and even as possible. Hemming is available for extra longevity, and covers can be made to size or are easily trimmed on site.

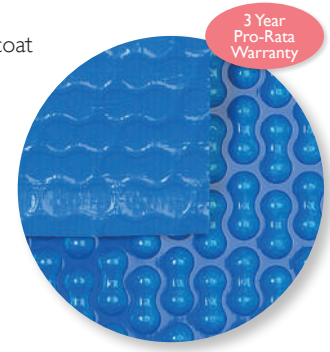
Solar Weave

- Tough, tear resistant top surface for longevity and improved heat retention
- Semi-transparent colouring also allows solar gain
- Increased UV protection
- Weight 540g / m^2
- 2060mm panel width
- Density 400 micron



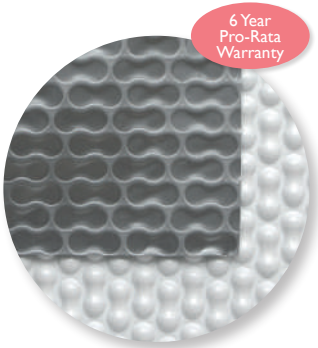
Bubble Weave

- Opaque blue, reinforced top coat with extra UV protection
- Extremely tough, hard-wearing cover
- Weight 540g / m^2
- 2060mm panel width
- Density 400 micron



RaeGuard

- Available with or without a reinforcing weave
- Retain heat and maintain pool temperature
- Works on both indoor and outdoor pools
- Weight 460g/m^2
- 2060mm panel width
- Density 500 micron



SBRG RaeGuard

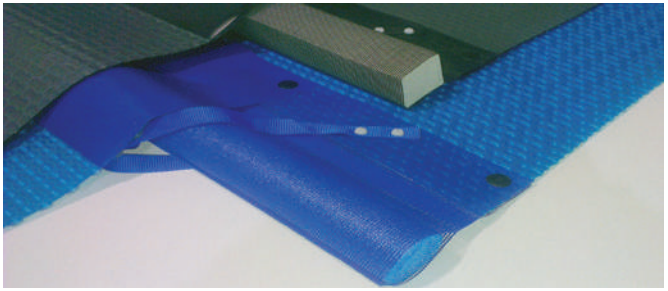
SBRGW RaeGuard Weave

Accessories

A range of accessories to improve use, storage and longevity

Aquablade Leading Edge Towing System

For the effortless application of any cover the Aquablade is unparalleled. Made from tough foam filled netting, it will not fill with water and will keep the cover buoyant at all times.

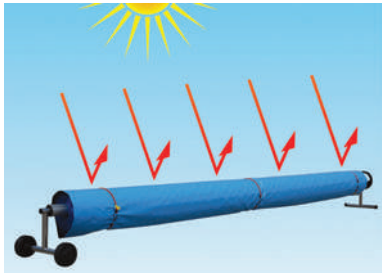


Universal Cover To Roller Strap Kit

Suitable for most domestic rollers currently available on the market. The nine strap kit (either 1m or 3m straps) contains cover connectors, quick release buckles and a selection of roller connections which allow fitting to the current and old Certikin Atlas roller, the Plastica Slidelock roller and any roller which requires push through grommets (e.g Aquamat) – there is also a self-drilling screw attachment option which will work on practically any aluminium roller tube.

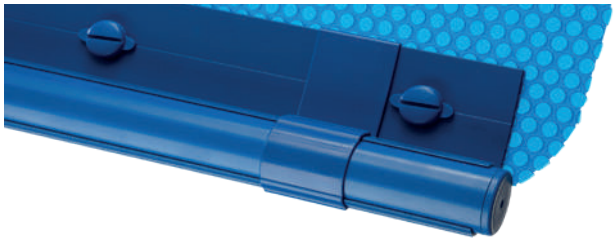
Premium Protect Solar Sheet

When off the pool and on the reel, a solar cover left unprotected in direct sunlight can be damaged. Temperature within the coiled layers of the cover increases rapidly and can have an irrecoverable effect on the solar blanket – delamination being a very common problem. A solar cover is an investment – the Premium Protect Solar Sheet keeps it working at its premium level. It can reduce temperatures within a coiled cover by up to 30°C, significantly reducing risk of non-warranty failure, extending the life and performance of any solar blanket. Made from UV stabilised reflective material and easily secured with the Solar Sheet Strap Kit.



Aqua-Spoiler

An extruded ABS leading edge system which is strong, rigid and buoyant. It can be attached to foam and bubble covers, is easy to install and its rigidity means that only one central pulling point is required. It is supplied with a detachable strap that is twice the Aqua-Spolier width + 5'. Aqua-Spoiler is supplied as a boxed product only for site installation. Minimum cover width is 9'.



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www.certikin.co.uk

Contact your Certikin stockist for prices and availability.

This literature is intended as a guide.
The company reserves the right to change the specifications without notice.