

MADE TO MEASURE POOL COVERS

A guide to pool cover care and usage

GeoBubble Covers
Solid Safety Covers
Rollup Stations



POWERPLASTICS
— pool covers —

SAFETY ✓

SUSTAINABILITY ✓

STYLE ✓

Contents

Congratulations on purchasing your pool cover!

Please read this guide carefully and take note of the recommendations for use and storage of your type of pool cover. Failure to do so could jeopardise your warranty and be detrimental to the cover's lifespan and performance.

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Not included in this guide >

- Roldeck fully automatic covers
- LeafNets
- Solid PVC Covers
- Gym & school pool covers
- Mercury Rollup Station for larger pool covers

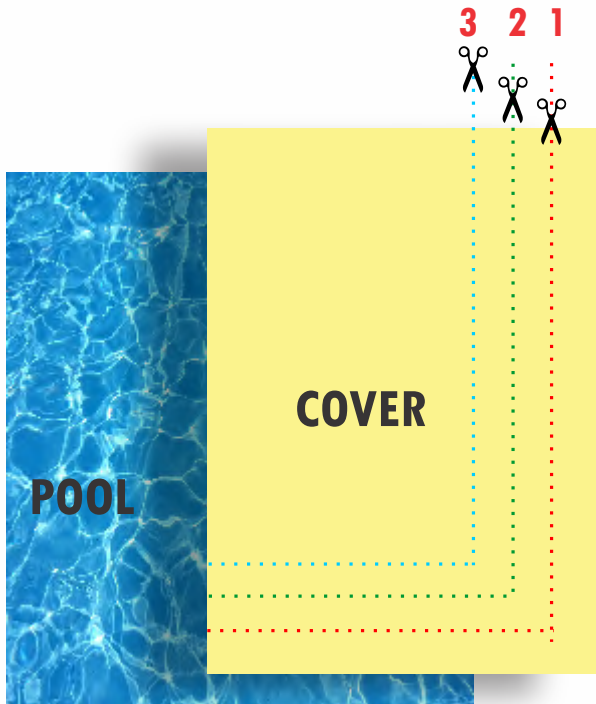
For more information on these ranges, visit www.powerplastics.co.za

GEOBUBBLE COVERS

EnergyGuard, Sol+Guard, Thermal GeoBubble



DIY / self-installation



Place the bubble side facing downwards / in contact with the water. Use a pool brush to release any air bubbles. **The cover will never lie completely flat.**



1. Trimming your cover

1. Start trimming with a 10cm overlap from the inner wall of the pool.
2. Next, identify your first cutting edge and cut accurately. If necessary, get someone to hold this correct edge in place and then cut an edge next to the correct edge.
3. Next, hold the two sides in place and mark out the cut line for the third edge (opposite the first correct cut). Now cut the final edge. To allow for shrinkage, **on the length measurement, keep 2% extra** on your final cut. The cut on the width can be exact. (see page 6 regarding shrinkage).

Check the cover and trim ever so slightly to get a smooth outer surface. Smooth out the cover to remove air bubbles.

The cover should just be gently pushing up against the walls of the pool and have only slight wrinkles. No water should be left exposed on the edges. Remember, it is easier to trim again rather than cut it too small so go slowly and do it in three or four steps if you are unsure. We recommend a good pair of sharp scissors for a nice neat edge.

2. Making sure the right side is up

Place the thermal cover on the pool water with the bubble side facing downwards / in contact with the water. The flat, smooth surface faces the sky. To demonstrate this, we're using an EnergyGuard cover (pictured left) which has a semi translucent dark grey surface and the bubble side is very dark grey/black. As you can see, once on the pool, the dark grey bubble side is facing down.

Remove any air bubbles from under the cover. This can be done by submerging sections of the cover using a pool brush. Covers do have air pockets and over the cover's lifespan, not all air pockets will be removable.



Click [here](#) for a video guide on how to trim and fit a GeoBubble cover.

General use and cover care

Opening the pool manually

- Start at the widest end of the pool and take hold of the cover's edge. Gently start pulling the cover towards you. Roll the cover up or fold it over in sections. If you roll or fold the cover at the point it leaves the water (rather than when it is on the paving), you will minimise water loss.
- If the cover is going to be off the pool for a long period (more than an hour or two), place the cover in the Solar Protection Bag that it came in.



IMPORTANT: GeoBubble covers are not for child or pet safety as they lie directly on the water and are not weight-bearing. Only when the cover has 'safety' in the name can you consider it a safety pool cover.

Closing the pool manually

- Position the rolled up or folded cover next to the pool and start to unroll it over the water. Remember, the bubble side always faces down, flat side up towards the sky.
- Avoid dragging the cover over the paving and other rough surfaces as this will cause abrasive damage to the cover. If your cover is large, get a second person to assist or consider buying a Rollup Station.
- You can use the pool brush to flatten out air bubbles, generally smooth the cover and get it snug up against the edges, however the cover will never lie completely flat.



GeoBubble Cover Care

• Use of chemicals.

When treating your pool, don't use excessive chemicals or shock treatments while your cover is on the pool. Take the cover off and leave it off for 24 hours after non-standard chemical treatments. Keep your pool within the recommended pH.

• Cleaning your cover

For removal of leaves, you can shift or move the leaves into the last section of the cover and then, just before removing this section, flick out the remaining leaves by lifting this section of the cover. You may need two people to do this, depending on the width of your pool. Either rinse the cover directly in your pool, or lay it on the lawn and spray down with a strong hosepipe. Alternatively, brush it with a soft brush. And don't drag it roughly or excessively over the paving as you'll cause abrasive wear and tear. Your cover may require a more thorough cleaning in cases where the cover is excessively dirty or dusty. In this case, remove the cover from the pool and spread it out. Wet the cover and splash on soapy water (a mild solution of household dishwashing liquid is best). Using a soft broom or your pool brush, gently work off the dirt. Be sure to rinse well before replacing on the pool—the soap can affect the pool water's pH. Don't let dirt and 'gunk' build up over long periods as rotting garden debris could result in unsightly discolouration.

• Storing your cover

The best place to store your cover is on the water surface of your pool. When off the pool, your cover should always be stored out of the sun, ideally in the silver Solar Protection Bag that it comes in. The protective bag is included free of charge with your purchase so do not discard it and look after it.

• Wind

Your pool cover should adhere to the water surface and there should be no need to remove your cover in normal winds. Keep your water level one or two mosaics down so no wind can enter under the cover. Where gale force winds are forecast, we recommend you place the cover indoors. Winds over 65km/hr are unusual but should they occur, always secure the pool cover off the pool until the wind subsides.



Solar protection bag

General use and cover care

GeoBubble Cover Care

Shrinkage

Shrinkage of GeoBubble covers is entirely normal and will sometimes occur on the length of the cover (shrinkage does not occur on the width of a cover). Shrinkage is very easily addressed by simply adding 2% to the length of the cover so if your GeoBubble cover seems a little long, that is why.

You need to order your exact length, and then we will add the 2% on the length to accommodate this

shrinkage. Please do not remove this on installation as you will not be able to rectify this afterwards. This extra length can easily be tucked under and therefore not visible when the pool is covered.

Shrinkage will not always occur but certain factors increase the likelihood of this, including over-use of chemicals.

Shrinkage applies to EnergyGuard, Sol+Guard and Thermal GeoBubble covers only.



Keeping 2% on the length



IMPORTANT:

Please be aware that a small amount of shrinkage on the length of GeoBubble covers is normal. Do not trim the extra 2% supplied on the length when installing.



Jupiter Rollup Station

A Rollup Station should never be used without the anchor bolts in place. This prevents it from shifting or falling into the pool and damaging the unit, coping and cover.

GeoBubble covers with Rollup Stations are supplied with a nylon towing cord which is attached to the leading edge of the cover. This is used for closing the pool and to secure the cover to the Rollup Station when the pool is open.

Opening the pool

- With the anchor bolts in place in the coping and the webbing straps all at an equal length, operate the handle to slowly wind the cover onto the Rollup Station.
- Once the cover is fully rolled onto the Rollup Station, place the Solar Protection Sheet (that came with the cover) over the cover and then wrap the nylon towing cord around the cover to secure it. Don't let the cover fall onto the ground / paving.

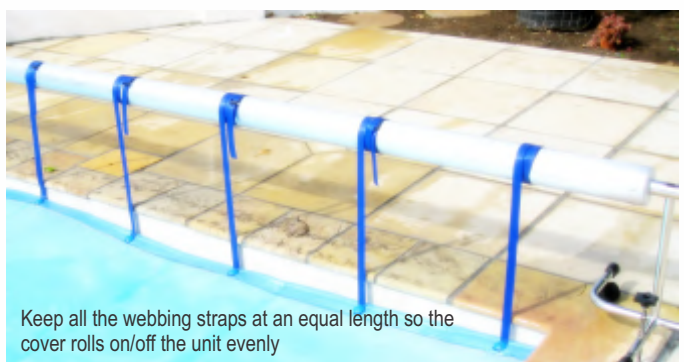
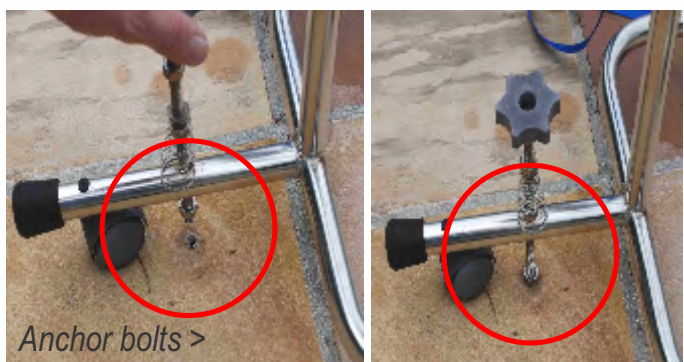
Closing the pool

- Release / unwind the towing cord and walk with the cord to the other side of the pool. Slowly pull the cover out.
- Once the pool is covered, you can leave the towing cord on top of the cover or slip it under the cover as long as it won't interfere with the Kreepy Krawly.

If for any reason the Rollup Station is moved away from the pool area, it should be re-positioned correctly. Align at a right angle to the pool edge so that the cover rolls up straight and neatly on the Rollup Station.

Care guidelines

- Check all components regularly and replace parts when they show signs of wear and tear.
- Protect the handle and only pick up the Rollup Station by its neck area, not its handle.
- Never let children play on the Rollup Station.



SOLID SAFETY COVERS

The PowerPlastics Solid Safety Cover



9 PowerPlastics Solid Safety Cover

User guide

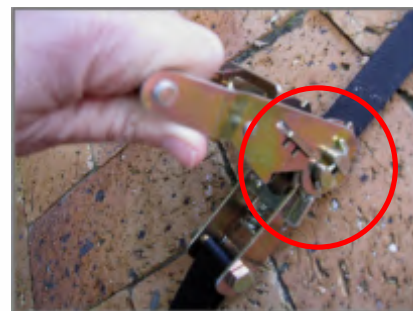
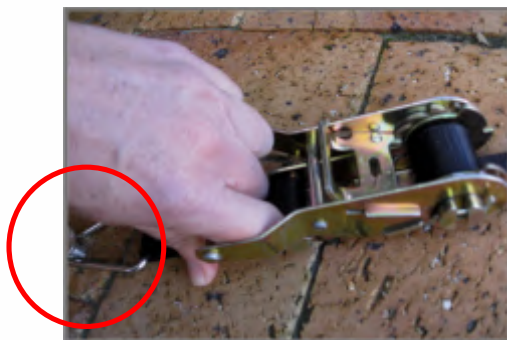


Closing the pool

1. Anchor Bolt and removable securing bolt. The anchor bolt is secured into the coping/paving stone. The screw is screwed into the anchor bolt.
2. Triangular hook is placed over the screw.



3. At the opposite end of the pool, the ratchet system is put in place.
4. The cover is then tightened over the pool. Lift the ratchet up and down to secure the cover in place.



Should the webbing strap come out of the ratchet system, simply thread it back through again.



Click [here](#) for a video guide on how to use the solid safety cover.

10 PowerPlastics Solid Safety Cover

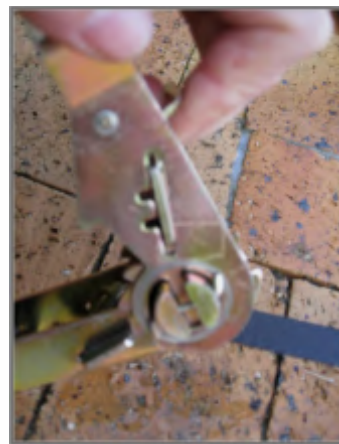
User guide

Opening the pool

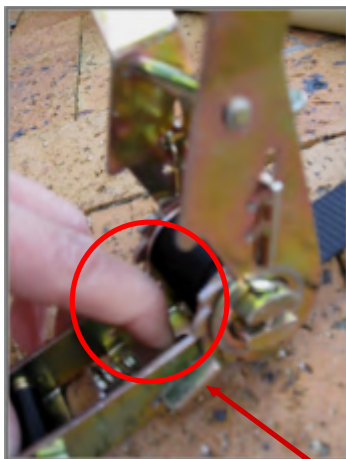


1. Lift lever on the ratchet from position A to B. (this releases the gear cog)

A → **B**



2. Release ratchet securing pin.

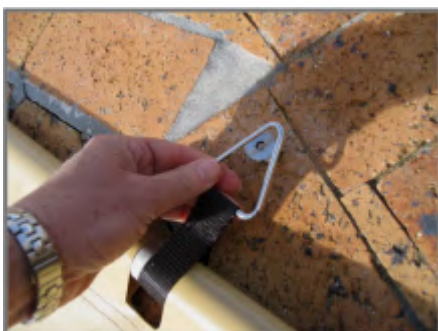


Webbing strap

Securing Pin

- A** While lifting the lever, release... **B** ... the ratchet securing pin away from the ... **C** ... cog and pull the ratchet so that the webbing pulls through the ratchet.

3. Loosen the cover further by lifting the triangular hook off the opposite end.



4. Fold over by picking up the cover with 2 people, one pole at a time.



The cover then drags across the coping.



Click [here](#) for a video guide on how to use the solid safety cover.

11 PowerPlastics Solid Safety Cover

Cover care

Correct storage of your cover when it is not on your pool will significantly extend its lifespan. The Solid Safety Cover should be stored out of the sun when not in use.

Cleaning a Solid Safety Cover

In order to correctly care for and maximise the longevity of a PVC pool cover, the correct cleaning agents and methods must be used. To safely clean PVC covers, we strongly recommend the use of a diluted mixture of dishwashing liquid and water (warm). This combination does not contain any harsh chemicals and will not cause damage to the material.

The correct cleaning method is as follows:

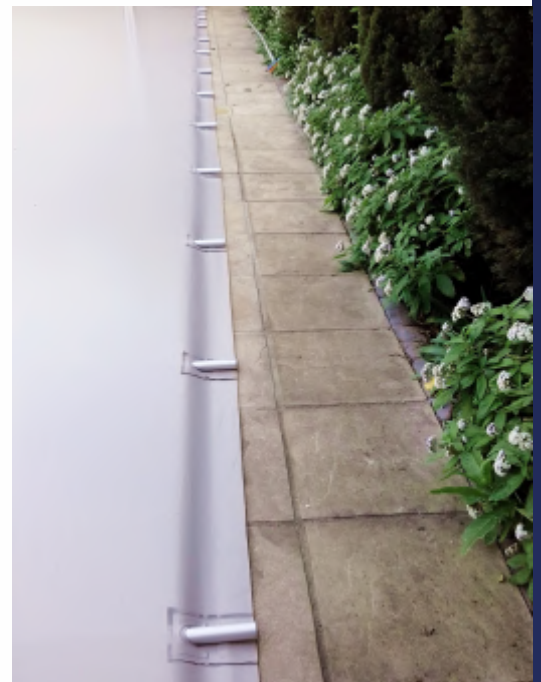
1. Remove the cover from the pool.
2. Apply the mixture of dishwashing liquid and mild warm water.
3. Light abrasion in the form of a soft brush or broom can be used to agitate the layer of dirt on the surface.
4. Rinse the cover thoroughly with cold water and allow to dry.

The use of inappropriate cleaning materials will cause damage and premature aging of the cover. These harsh cleaning agents contain chemicals and compounds which cause the material to become hard and brittle through accelerated plasticizer extraction from the PVC. Cleaning products which should **not** be used include **ALL SOLVENTS** (common examples include turpentine, benzene, thinners, acetone and MEK) and harsh **household cleaning chemicals** which contain chlorine and ammonia (common examples include Handy Andy, bleach, Domestos and floor, surface and tile cleaners).

Safety guidelines

- After a storm or using a sprinkler in the garden, should water collect on top of the cover and not completely drain off the cover, sweep it off with a soft brush.
- Don't encourage children to play on top of the safety cover. While this cover is intended to save lives, best practice is to keep children off the cover. Children should not tamper with any parts of the cover, especially the securing and fastening components.
- All solid safety covers need to be properly secured at all times. Loose or improperly secured covers are a drowning hazard.
- Do not swim in a partially covered pool. Always remove the entire cover before swimming.
- Be diligent about your cover's maintenance and inspect all parts of the cover regularly. Replace the PVC components every four years. (The aluminum battens need replacing less frequently).

Failure to follow any of these instructions may result in injury or drowning.



12 PowerPlastics Solid Safety Cover

Vektor Rollup Station

Although the PowerPlastics Solid Safety Cover is fully workable on its own, the Vektor assists users of this cover, especially those operating the cover single-handedly.

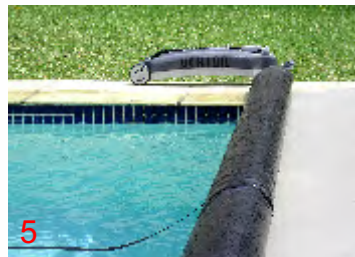
Uncovering the pool

- 1-4 Untension the cover using the ratchets and release the triangular hooks. Attach the Vektor to the aluminium bars of the PowerPlastics Solid Safety Cover.
- 5-6 Engage the motor via the corded control so the Vektor propels itself along the pool's paving at the same time as the cover, rolling the cover in. Store the Vektor away from the pool area while swimming to prevent it getting wet.



Covering the pool

- 7-8 To re-cover / close the pool, the nylon webbing strap is attached to the first batten on the leading edge of the cover. Once the motor is engaged, the cover is rolled out over the pool via the nylon strap.



Safety: one of the most dangerous mistakes parents make is to purchase a safety cover but not actually use it. This, by and large, is due to the hassle factor and laziness around re-covering a pool after use. Be vigilant about re-covering the pool immediately after swimming.

Vektor care guidelines

- A Vektor is not water resistant and must not be left outside. Store in a dry area. Do not let the unit come into contact with chlorine or chlorinated water.
- Always store the Vektor on the hanger provided in an enclosed area. Never let children play with the unit or its charger.
- Never attempt to open the sealed unit or the battery components. Clean with a soft dry cloth when not in use and not charging.
- Always watch the Vektor when in use. Never leave it unattended with the motor engaged.
- Allow the battery to run out and then recharge. Excessive and repeated charging will damage the battery. It should be recharged once every 6 months.
- Foreign objects lodged in the wheels or mechanics will damage the unit. Always ensure the Vektor has a clear path with no leaves, debris or other objects alongside the edge of the pool.



Click [here](#) for a video guide on how to use the Vektor Rollup Station.

POOL SAFETY



Child drowning prevention

Child drownings are entirely preventable with a few layers of safety applied to the pool. The layers of safety concept means having a number of different safety methods in place at all times. A PowerPlastics Solid Safety Cover and adult supervision should be the two non-negotiable layers. Use these tips and insight to further secure your pool against drownings.

- Don't let your pool's water levels drop. Keeping the pool topped up allows for small arms to easily grab the edge if needed.
- For every two children in the pool, have one adult supervising. The more children, the more supervisors needed. Be aware that children's pool parties are high risk events.
- For larger groups, give the designated supervisor a bright hat to wear so the children know who to call for help.
- Turn off fountains and water features. Not only do they waste water and power, they can cause ripples and splashing, making it harder to see when a child has encountered difficulty in the pool or has sunk to the bottom.
- Ensure that every adult in the home knows CPR, including domestic workers. Never hire a baby sitter or au pair who can't swim.
- Don't let anyone who has been drinking or on sedative medication supervise children in a pool.
- Don't leave toys in or near a pool as children will be tempted to retrieve them.
- Teach your child to swim fully clothed and with shoes on.
- If your child develops a fear of water, don't ignore this – a child who panics is at greater risk of drowning.
- Never allow swimming after dark.
- Discourage your dogs from swimming. Children and pets in a pool are not a good mix.

What does a drowning in progress really look like?

Being able to identify a drowning in progress means you can react quicker and increase the chances of a full recovery. Familiarise yourself with these behaviours:

- Head low in the water, mouth at water level
- Head tilted back with mouth open
- Trying to roll over onto the back to float
- Hair falling over the forehead or eyes
- Body is vertical/upright
- Eyes glassy & empty, unable to focus
- Eyes open, with fear evident on the face
- Hyperventilating or gasping
- Trying to swim in one direction but without progress

Sometimes the most common indication that a child is drowning is that they don't look like they're drowning. They may look like they are treading water and just looking up at their surrounds. One way to be sure is to ask them, "Are you alright?" If they can answer at all, they are probably fine. If they give a blank stare, you may have less than 30 seconds to get to them and prevent a drowning occurring right before your eyes. Remember, children tend to make a noise in the water. If they're quiet - get to them ASAP!

To learn more about child drowning prevention, drowning myths and swimming pool safety, visit educational blog TopStep, the home of pool safety. www.topstep.co.za



Questions?

Should you have any questions about pool cover usage or care, please contact PowerPlastics Pool Covers directly. We have teams and installers throughout South Africa who are able to assist. Please also visit our [website](http://www.powerplastics.co.za) and watch our instructional videos on [Youtube](https://www.youtube.com) as you may find your answer there.

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