

SOLAR COVER “WHAT TO KNOW”

This information is for the homeowner's benefit. At Covertech, our primary objective in manufacturing solar covers is to provide our customers with the best possible product and service. In this regard, our blankets are designed and engineered with the objective of attaining or exceeding the described warranty period.

The use of solar covers has not changed for the past 25 years. The primary objective of the cover is to assist in heating the pool water, reduce heat loss, reduce water evaporation, reduce chemical loss, and maintain a debris-free swimming pool. The Covertech blanket is crafted with premium resins and additives that provide strength and deliver similar or better benefits than bulkier blankets. Solar covers that are heavy are difficult for many pool owners to manage, and for vendors, they are more expensive to transport. Our covers have a proven track record of satisfaction among the hundreds of thousands of pool owners who have purchased from us over the last 25 years.

- **Covertech solar covers are fabricated using coex five-layer blown film, which evenly blends the additives to ensure consistency maintaining the molecular structure and ensuring the product's durability and strength.**
- **The blown film is more pliable, softer and flexible for ease of handling.**
- **Covertech's proprietary solar material formula ensures that product life is extended, by minimising the effect of UV rays.**
- **The thickness of the cover does not impact pool water temperature or material strength, but it does provide convenience for homeowners.**

What qualifies as a manufacturer defect?

The sole qualifying factor for product warranty coverage is seam separation. A "seam separation" is defined as a failure in the welding of the seam. In normal circumstances, this defect may result in a split along the seams of your solar cover. This is the manufacturer's strict definition, upheld as the sole factor in the warranty policy. A rip or tear along the seam will only qualify if the cause was insufficient welding and the product was stored and maintained correctly.

Air cells (bubbles) deteriorating and falling into the pool

Air cell deterioration is a result of improper storage and handling of the cover. To prevent damage to the air cells (bubbles), the cover should be carefully lifted over abrasive pool decks, coping or sharp, ragged surfaces.

“IMPORTANT” Durability of cover is the only benefit of higher bubble gage. Water evaporation and chemical loss are same for all bubbles. Thermal blue/black is believed to increase water temperature more than other colors.



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COVER DETERIORATION

Prolonged sun exposure and chemical imbalances in your pool can cause cover deterioration. Follow these instructions to protect your cover from these problems:

1. Protect your cover from the sun

For optimal protection, we strongly recommend using metalized bubble insulation or a white, opaque, polyethylene plastic cover. This cover will effectively block harmful UV rays, preventing deterioration. This solar cover offers superior UV protection compared to other products. However, it's crucial to understand that all plastic will inevitably deteriorate due to prolonged sun exposure. When not in use, the cover must be stored in a cool, dry location, away from direct sunlight. Please note that damage caused by exposure to the sun will not be covered under the warranty.

2. Chemical imbalance

It is important to maintain the correct chlorine level as advised by your pool specialist. Maintaining an appropriate pH balance in your swimming pool is essential to ensure the safety and well-being of your guests and the longevity of the equipment used in the pool. Insufficient chlorination will permit bacteria and algae to accumulate, potentially resulting in illness and infection. Additionally, this can render pool fixtures slippery and accelerate corrosion of metal and plastic. Over-chlorination can cause burns to swimmers' eyes, mouth, nose, and skin, as well as damage pool equipment.

Tip: When you "chlorinate" your pool, the cover must be removed from the pool to prevent cover deterioration. Do not return the cover to the pool until the chlorine level has lowered to the optimal range.

3. Water Temperature

It may seem counterintuitive, but it is possible for a solar cover to actually heat the pool temperature to a point that causes damage. Prolonged and repeated exposure to water temperatures above 90 degrees Fahrenheit will cause the material to weaken over time, which may result in a shorter lifespan for your solar pool cover. Keep in mind that the temperature at the pool surface near the cover may be higher than that in deeper water.

Warm water will cause chlorine to react differently. As water evaporates, the chlorine becomes more concentrated and builds up in higher quantities near the top of the pool. If pool temperatures rise above 90 degrees Fahrenheit, the cover should be removed and covered with a protector in a dry environment.

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