

PP Safety Cover

Maintenance and Care Manual

1. Basic Safety and Weight-Bearing

Although our safety cover fully complies with or exceeds the requirements of ASTM F 1346-91 and is fully capable of supporting the weight of a child or an adult in an emergency, walking on the safety cover is not recommended, and children or pets are not permitted to play on it.

2. Winter Snow and Water Level Control

2.1 During the snow season, pool water is relied upon to share the weight of accumulated snow, and the water level must be strictly controlled:

2.1.1 In-ground pools: Maintain the water level 38–46 cm (15–18 inches) below the top of the pool wall;

2.1.2 Above-ground pools: Maintain the water level approximately 10–15 cm (4–6 inches) below the bottom edge of the skimmer opening.

2.2 Winter Tension Standard: Maintain a state of “tight yet flexible” with moderate tension to prevent wind and debris from entering. When snow accumulates, it can appropriately sink to utilize the pool water for weight support.

3. Pool Water Chemistry Management

3.1 Whether the pool is in use or not, continuously maintain adequate levels of sanitizers and algaecides. The safety cover only blocks debris, while chemical agents ensure water cleanliness;

3.2 When closing the pool, use a dedicated chemical kit (including winterizing algaecide);

3.3 One month before temperatures consistently stabilize at 15.5°C (60°F), replenish algaecide; regularly add sanitizers to inhibit algae growth; pool automatic cleaning equipment can be used normally underneath the cover.

4. Regular Inspection

4.1 Structural and Accessories Inspection

Check anchors and springs for damage or breakage; check the mesh fabric for tears; check exposed webbing for wear and breakage; check ground anchors for looseness or absence

4.2 Tension Inspection

If the cover tension is insufficient, adjust the webbing tension in a timely manner to maintain appropriate tightness;

4.3 Special Inspection of In-Ground Pool Anchors

Disassemble all anchors in spring and autumn, and flush the inside of the sleeves with a water hose to prevent jamming; when idle, close the anchors flush with the deck to prevent stubbing toes.

5. Cleaning and Maintenance Operations

- 5.1 Use a water pump to remove any accumulated water on the safety cover surface (if any)
- 5.2 Use dedicated tools to promptly clear away fallen leaves, twigs, and other debris to prevent decaying matter from corroding the mesh fabric; prohibit sharp tools and corrosive chemicals from contacting the cover surface;
- 5.3 In summer, rinse the cover surface with tap water weekly to remove dust and pool chemical residues; for stubborn stains, scrub with mild soapy water using a soft-bristled brush.

6. Accessories Repair and Replacement

- 6.1 Missing or Damaged Anchors and Springs: Purchase replacement accessories from the supplier to complete the set;
- 6.2 Mesh Fabric Damage: Repair by applying specialized safety cover patches;
- 6.3 Loose Anchors: Promptly tighten and reinforce them;
- 6.4 Webbing Repair Solution: If the remaining length of the broken exposed webbing is $\geq 15\text{cm}$, use a buckle to connect a brand-new double-layer extended webbing, restoring the original operational function of the webbing of 60cm.

7. Removal and Storage

- 7.1 Pre-removal Rinsing: Rinse the cover surface with a water hose while it is covering the pool to remove surface debris;
- 7.2 Folding and Stacking: Fold and roll into a dedicated storage bag
- 7.3 Storage Method: Hang the storage bag off the ground to facilitate drainage and prevent rodents from biting or chewing on it;
- 7.4 Long-term Storage: Thoroughly clean and completely dry the cover before storing it in a cool, dry storage bin, away from insects and rodents.