

Cleaning and Repair of Tents and Poles

- Hand wash tents and all coated fabric items with warm water and *mild* or *gentle* detergent, then air dry.
- Products may be dry cleaned
- **Do not scrub** coating.
- Do not use bleach on products
- To clean zippers: Brush out fine sand with a soft old toothbrush to prevent slider wear.

Repairs:

- To Repair fabric cuts and tears:
- Cut patch of matching fabric, allowing 1/2" to 3/4" overlap on each side of opening. Be sure the patch has rounded corners.
- Match edges and weave of fabric of patch with tent, hold patch and product together with a piece of tape.
- Apply silicon to fabric of patch only and carefully apply patch to tent, pushing out any air bubbles.
- After adhesive has cured, apply some adhesive along edges of patch. You may need weights on the tent to hold patch area smooth. If tent or patch fabric is wrinkled you will have to repeatedly push the patch onto tent and push out air bubbles until it has dried enough to stay down.
- You can also sew patch on and then seam seal.
- Warmlite can also repair damaged tents, Warmlite.com/repairs-and-parts/

Emergency Repairs:

- **For Tents:** Use ripstop adhesive tape or surgical tape
- **For Poles:** Tape with cloth backed tape.

Special Repairs:

- Damage over compound curved areas such as at pole sleeve ends or over poles must be fixed with many smaller pieces while tent is set up.
- If damage crosses a structural seam to webbing or zipper tape, first glue on patch to extend at least 1/4" over seam. After it is dry, sew it.

Laminated Fabrics (Products Purchased before 1990's):

Over time, laminated fabrics will begin to show wear by delamination, the slow rubbing off of sealant and coating on the fabric.

As lamination become worn it may show signs of separation. At first sign of separation, lamination should be glued again by brushing adhesive seam sealer into the fabric side. If small separations are fixed before they spread the re-lamination will be smooth and as strong as the original, however, somewhat stiffer and heavier. If delayed and large areas become separated and film has stretched and torn, re-lamination will be irregular.

Normal use, storage, and care will give best tent life to pack tent clean and dry.

Tent Pole Care:

- Keep poles clean and dry.
- Spray joints with silicone lube or dry Teflon lube occasionally.

Tent Pole Repair:

- Pole damage in the field is best repaired with fiber reinforced package tape. Place several strips along the length of pole across the damage. Then wrap around once more.
- If a tent pole end becomes split, wrap it with tape.
- Replacement sections can be ordered from Warmlite®.
- To separate a pole section, release the elastic by removing the plastic end cap, restring the pole then replace end cap.

Warmlite®

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