TEAR-AID® APPLICATION INSTRUCTIONS

REPAIRING GENERAL TEARS AND HOLES
For best results apply to a clean, dry surface. Clean the surface to be repaired with an alcohol prep pad, or a 50/50 mixture of rubbing (isopropyl) alcohol and water. **Before proceeding make sure surface is dry, and you have the correct patch type for the kind of material you are repairing.**

Surface temperature of the materials to be repaired should be 50°F or warmer. Do not put repaired material into a washer or dryer.

**STEP 1. CUT:** Cut patch to size with scissors allowing for the patch size to extend 1 inch beyond all edges of the tear. If using more than one patch, allow for patch sizes to overlap at least 1 inch. Trim square corners into rounded corners.

**STEP 2. PEEL:** Carefully peel back ½ inch of paper liner. Tearing the paper liner while stretching the edge of the patch will help to separate the liner from the patch - especially when the patch has been cut into smaller sizes.

**STEP 3. STICK:** Position and anchor exposed ½ inch edge – allowing the patch to extend 1 inch beyond all edges of the tear. Slowly peel back the liner while carefully applying the patch over the tear – take care to avoid air bubbles. Rub all edges to seal. Rub entire patch aggressively. Follow Steps 1-3 on the back side of the repair if you have access to the back side. Repair is complete.

REPAIRING TEARS EXTENDING THROUGH AN OUTSIDE EDGE
Follow steps 1 thru 3 with the following adjustments:

- **Cut** the patch size to extend a full 1 inch beyond the edge of the torn material.
- **Peel and Stick**, positioning the patch **leaving a 1 inch tab extended beyond the outside edge** of the torn material.

**STEP 4. Turn the material over**, so that the adhesive side of the tab is facing up.

**STEP 5. Position reinforcement filament** tightly against the outside edge of the material by sticking it to the patch tab. The filament should be perpendicular to the open end of the tear to create a tough solid edge.

**STEP 6. Fold over** the patch’s 1 inch tab and rub to adhere to the backside of the material – sealing in the reinforcement filament.

**STEP 7. Apply another patch** to the backside of the patched tear (so that both sides of material are patched) Rub entire patch aggressively.

**STEP 8. Trim** excess line. Repair is complete. (*80lb Test Fishing line is our suggested reinforcement filament line*)

HEATING IS AN OPTION AND NORMALLY NOT NEEDED.

HEAT TO SPEED UP CURING TIME (OF VINYL-ONLY TYPE B)
For Tear-Aid® Vinyl-Only Type B - to transform the good initial bond to an extremely high bond that would otherwise take 24 hours of curing time - After the patch is applied to the tear, briefly heat using an industrial heat gun that is set at approximately 350°F. **Heat time will vary depending on size of patch and distance of the heat gun from patch.** As the adhesive hot melt occurs, the patch see-thru clarity may change and appear easier to see-thru. This is an indication of over heating and the heat should be removed. **Allow repair to cool before handling.**
**APPLICATION INSTRUCTIONS**

- **AIRTIGHT**
  under pressure even when stretched

- **WATERTIGHT**
  under pressure even when stretched

- **SEE-THRU PATCH**
  works with all colors

- **UV RESISTANT**
  inhibits yellowing for years

- **CONFORMS**
  to irregular surfaces

- **CUTS EASILY**
  to any size with scissors

- **WON’T TURN GUMMY**
  in high heat

**IMPORTANT:**

Type A is at approximately 90% adhesion upon initial application and 100% adhesion after one (1) hour.

Type B is at approximately 50% adhesion upon initial application and 100% adhesion after twenty-four (24) hours. **TEAR-AID®** Type B has a new, unique adhesive that resists the oils in vinyl that cause other adhesives to soften and turn gummy in sunlight.

**TEAR-AID®** is the durable, flexible, airtight, watertight, puncture-resistant, industrial-strength patch that protects against abrasion, moisture, saltwater, UV sunlight and extreme temperatures.

**TEMPERATURE:** Approximate Range

- **TYPE A:** -20°F TO 140°F
- **TYPE B:** -20°F TO 190°F

Type A feels extremely sticky compared to Type B but they both have the same adhesion capability. It takes Type B longer to have 100% adhesion because it takes Type B adhesive more time to move into the microscopic pores of the vinyl to get a lot of surface area to adhere to. Do not pick at the Type B patch within the first twenty-four (24) hours because you will be able to pull it off until it is fully (cured) adhered. Initial adhesion of Type B is generally high enough for immediate use of repaired product. **“USER MUST STRONGLY” follow the application instructions and product repair list carefully to obtain proper bond.**

**PRODUCT REPAIR LIST**

- **Awnings:** Boat Towables
  - Waterbed Leaks
  - Truck Tarps
  - Large-Format Printing
  - Tents & Rain Fly
  - Snowmobile & ATV Seats

- **Boucers:** Air Mattresses
  - RV Awnings
  - Mosquito Screens
  - Banners
  - Snowmobile & ATV Seats

- **Rain Gear:** Water Toys
  - Sleeping Bags
  - Sun Shelters
  - Auto Convertible Tops
  - Snowmobile & ATV Seats

- **Softsided Luggage:** Duffel Bags, Totes
  - Inflatable Ads
  - Vinyl Windows

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