

# 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.

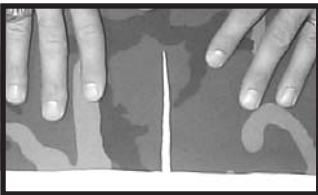
## **REPAIRING TEARS EXTENDING THROUGH AN OUTSIDE EDGE**

Follow steps 1 thru 3 with the following adjustments:

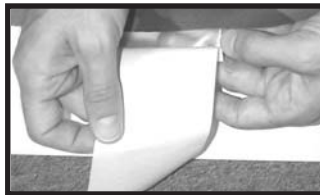
**Cut** the patch size to extend a full 1 inch beyond the edge of the torn material.

**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)



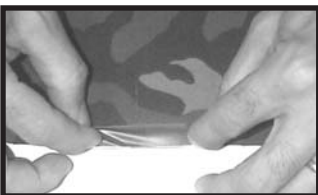
Tear on Edge



Apply Leaving 1 inch Tab Beyond Edge



Apply Reinforcement Filament



Fold 1 inch Tab Over Filament



Apply to Back Side



Cut Filament to Width of Patch

## **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.**

SEE-THRU  
PATCH

# TEAR-AID®

## REPAIR HOLES & TEARS

INSTANT  
EXTREME  
BOND

### 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.

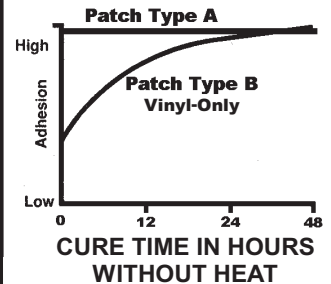
**TEMPERATURE:** Approximate Range

**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 STRICTLY" follow the application instructions and product repair list carefully to obtain proper bond.**

**TYPE A VS TYPE B  
ADHESIVE BOND BUILD UP**



### PRODUCT REPAIR LIST

- |              |                |                       |                           |                        |                     |
|--------------|----------------|-----------------------|---------------------------|------------------------|---------------------|
| Awnings      | Boat Towables  | Waterbed Leaks        | Boat Covers, Tops & Seats | Duffel Bags, Totes     | Softsided Luggage   |
| Bouncers     | Air Mattresses | RV Awnings            | Truck Tarps               | Mosquito Screens       | Sails and Windsails |
| Rain Gear    | Water Toys     | Sleeping Bags         | Large-Format Printing     | Banners                | Inflatable Ads      |
| Sun Shelters | Storage Covers | Auto Convertible Tops | Tents & Rain Fly          | Snowmobile & ATV Seats | Vinyl Windows       |

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**ORIGINAL**

**TEAR-AID** **TYPE A**

**STICKS TO:**  
CANVAS  
MOST FABRICS  
RUBBER  
NEOPRENE  
MOST PLASTICS  
NYLON  
FIBERGLASS  
STAINLESS STEEL  
ALUMINUM  
POLYETHYLENE  
POLYPROPYLENE  
POLYURETHANE  
NON-OILED LEATHER  
SUNBRELLA™

**VINYL-ONLY**

**TEAR-AID** **TYPE B**

**STICKS TO:**  
VINYL AND  
VINYL-COATED  
MATERIALS

**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.**