

## 70545

### **INTER-PATCH™**

High Performance Composite  
Repair Patch  
Size 5" x 8"  
4 patches per pack

**INTER-PATCH™** gives you a quick, strong solution to current auto body patch repair. It offers a rigid, structural alternative to flimsy patch materials in conventional repair and finishing. Made with shape memory polymer technology originally designed for NASA, the patch transforms from a moldable material to a stiff, supportive composite in just seconds. **INTER-PATCH™** has a high-performance adhesive that holds tight against weather, water and vibration.

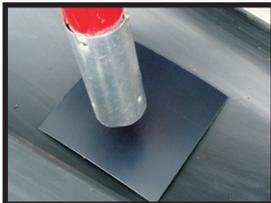
Adheres to TPO, Plastic, Metal, Composites & More!



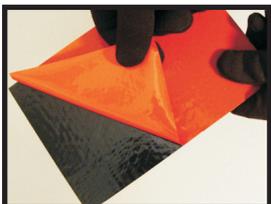
Prepare the damaged area



Apply IES adhesion promoter



Heat the patch



Peel off the backing



Stick the patch

**ADDITIONAL SUPPLIES NEEDED:** IES #4182 Adhesion Promoter, Heat source, Gloves, Sander.

1. Clean and smooth the damaged area. Remove any excess debris. For best adhesion, the damaged area should be dry and free of dirt and debris.
2. Clean the back side of the damaged area and lightly spray IES #4182 adhesion promoter. Protective gloves are recommended. Allow to dry for fifteen minutes.
3. Heat the **INTER-PATCH™** to approximately 194°F using an appropriate heating method. Heating methods can be heater box, heating bag, oven (not used for food) or heat gun.  
**WARNING: DO NOT HEAT ABOVE 248°F (120°C).** Be sure your heating method complies with safety standards according to the conditions under which you will be applying the patch - for example: outdoors, indoors, near flammable materials, etc.
4. Once the temperature is near or above 194°F (90°C), the material will soften and become very flexible. While heated, material can easily be cut to shape with scissors if desired. Wear gloves that protect against heat and remove vinyl backing from the material. Avoid touching the adhesive once the vinyl backing is removed.
5. With the adhesive side facing the repair surface, form the flexible **INTER-PATCH™** over the damaged area, applying pressure to shape it into the contours of the repair surface. Continue pressing and shaping until material cools and becomes rigid again. Cooling time depends on the temperature of the damaged surface and on ambient air temperature. The patch typically cools and becomes rigid again in seconds.
6. Repair and finish front side of damaged area with IES automotive repair products.

**NOTE:** Heat improves the strength of the adhesion.

**WARNING:** Do not heat with a direct flame or contact the patch directly with a heating surface that is over 248°F (120°C). Avoid contact of the adhesive with skin. Do not store in direct sunlight. Not for use on pressurized tanks or lines. Removal may damage painted and gel-coated surfaces. Not warranted for any specific application.

NOTICE TO PURCHASER: The following warranty is in lieu of all other expressed or implied warranties, specifically all goods are manufactured of first class materials and by competent professionals. We have no control over the use and application of our products. Our liability shall not exceed the purchase price.