

**CURES  
IN LESS THAN  
10 MINUTES!**

# PATCH-IT FAST

## Available in three convenient sizes:

- **3" x 6"**  
(#44231)
- **6" x 9"**  
(#44236)
- **9" x 12"**  
(#44245)

**Patch-It-Fast!** is a very easy-to-use UV- or sunlight-activated repair patch. It is fiberglass-reinforced polyester and creates long-lasting repairs. Perfect for making watertight, durable repairs on field equipment, engine parts, decking, fenders, gas cans, drain pipes, water tanks, PVC pipes, plastics, plexiglass, fiberglass, metal, wood, concrete, and more.

- Self-adhesive repair patch
- UV-light activated
- Non-toxic and non-flammable
- Fiberglass reinforced
- Repair any leak, hole or crack in minutes
- Will adhere to most surfaces including metal, wood, rubber and plastic
- Great for repair of electronic cabinets, fuel tanks and Lines, Antennas and Many More!



- Extremely durable fiberglass re-enforced polyester/plastic
- Flexible and waterproof
- Weather and UV resistant
- Can be drilled, tapped, sanded and painted in less than an hour
- Resistant against many chemicals, solvents and oils
- Temperature resistant from -40°C to -200°C
- No shrinkage or expansion during the application or after curing
- Bonds to all surfaces except Polypropylene (PP)
- Fast curing (starting with 5 minutes, depending on UV intensity)

**Patch-It-Fast! is easy to use and requires no gloves or mixing!** Simply clean and dry the target surface and rough up the area to be patched. Cut the patch to the adequate size, remove the film backing and press firmly onto the surface. The curing process takes about 5 to 8 minutes under sunlight or 15 minutes under a UV source. Note: an artificial UV light source is required for indoor use.



**RAINBOW TECHNOLOGY CORPORATION**  
261 Cahaba Valley Parkway - Pelham, AL 35124-1146  
Tel: 1.800.637.6047 / 205.733.0333  
Fax: 1.800.521.6896 / 205.733.8930  
*Woman-Owned Business Enterprise - Founded 1971*  
[www.rainbowtech.net](http://www.rainbowtech.net)



This **PLIABLE, UV CURING MATERIAL** may be perhaps the most versatile easy-to-use repair material in the world, with hundreds of uses.

## TECHNICAL DATA

### Appearance

*Sheet Laminate*

### Mix Ratio

*One Component*

### Flash Point

*840° F*

### Material Thickness

*1.7 - 1.9mm*

### Curing Mechanism

*Ultra Violet ( UV ). Natural or UV Lamp*

### Flexural Strength

*> 18,000 PSI - (ASTM D790-03)*

### Flexural Modulus

*879,060 PSI - (ASTM D2344)*

### Tensile Strength

*7970 PSI - (BS 2782-1994)*

### Elongation At Break

*> 3% (BS 2782 - 1994)*

### CoEff. Of Thermal Expansion

*2.9 10<sup>-5</sup> Degree C (BS2782-1995)*

### Impact Resistance

*> 60 Kj/sqm (BS2782-1996)*

### Hardness

*> 60 Barcol (BS2782-1997)*

### Compression Strength

*> 29,000 PSI (BS2782-1998)*

### Adhesion

*> 500 PSI (BS2782-1999)*

### Water Vapour Permeability

*0.28g/m<sup>2</sup>/24h/mmHg (ASTM E96)*

### Fire Rating

*Class A (ASTM E84)*

### Temperature Rating

*-30° to +365° F*

### Electrical Properties

*Dielectric strength: 9KV/mm as per IEC 243*

*Arc resistance: greater than 180 seconds  
as per ASTM D495*

*Tracking resistance: greater than 600 volts  
as per IEC 112 15,432 lbs/sq. ft.*

*Insulation resistance: 10 to the power of  
13 ohms as per IEC 93*

## FAQ

What is shelf life of unopened package?

*1.5 years.*

How long does it take to cure in sunlight?

*30 min to 1 hr.*

How long does it take to cure under UV lighting?

*10 to 30 minutes.*

Will it stick to any surface?

*Yes, except for polypropylene.*

Can patch be cut to any one size?

*Yes*

Can patch be returned back to original pouch?

*Yes.*

What is the shelf life of opened pouch?

*1.5 years (if not exposed to light).*

Is patch chemically inert?

*Yes.*

Can patch be drilled, sanded or painted?

*Yes.*

Are UV omitting fixtures available?  
(more commonly known as black light)

*Yes.*

Can patch be used on wet surfaces?

*Not recommended.*

Is preparation of surface required?

*Yes, light sanding suggested.*

What is the temperature range after cured?

*-30° F to +365° F (degrees).*

What sizes are patches available?

*3" x 6", 6" x 9" and 9" x 12".*

What is maximum PSI rating?

*500 PSI.*

Is uncured patch flammable?

*No.*

Is cured patch flammable?

*No.*

Are patch fumes toxic?

*No.*

Is patch adhesive harmful to skin?

*No, wash hands with soap and water after use.*

Can multiple layers be applied?

*Yes, when additional strength is required. We recommend no more than five layers at one time, letting each layer cure separately.*



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