



## Perma-Mend™ Repair Patch

**Perma-Mend™** is a unique, easy-to-use UV\* or sunlight activated, self adhesive repair patch. Made of fiberglass reinforced Polyester, it exhibits extremely good adhesion properties for long lasting repairs. Rated up to 2200 PSI when properly applied.

**Easy application- just cut, peel and stick.  
No mixing, no weighing.**

- ▶ **Non-flammable and non-toxic**
- ▶ **Flexible, waterproof and UV resistant**
- ▶ **Can be drilled, tapped, sanded and painted in less than an hour**
- ▶ **Constant temperature resistance from -40°F to 392°F**
- ▶ **Resistant against many chemicals, solvents and oils**
- ▶ **Fast curing (as little as 5 minutes depending on UV intensity)**



**No shrinkage or expansion during the application or after curing. Vacuum sealed for longer shelf life.**

CRC Part #	Size	Color
14089	3" X 6"	Grey
14094	6" X 9"	Grey
14096	9" X 12"	Grey
*14098	UV Flashlight for indoor curing	



Made in USA



**Your Best Solution™**

Customer Care: 800-272-4620  
Technical Assistance: 800-521-3168  
[www.crcindustries.com/ei](http://www.crcindustries.com/ei)



CRC Industries is a worldwide leader in the production of specialty chemicals for maintenance and repair professionals serving industrial, electrical, aviation, automotive and marine markets. CRC is ISO 9001:2008 certified and adheres to the strictest guidelines for quality in all facets of research, development and production.



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# CRC Perma-Mend™ Repair Patch

## Application Methods:

1. Surface should be clean, dry and free of any contaminants.
2. Remove from foil protective sheet. Cut Perma-Mend™ Repair Patch into any size you want without exposing to UV light/sunlight. Place remaining material back in foil protective sheet.
3. Remove white backing tape to expose the sticky resin. Apply patch to repair area with sticky side down. Press firmly.
4. Remove transparent film backing from patch top. Expose to UV light/sunlight. Curing times depend on UV intensity between 5 minutes (sunny) and 50 minutes (cloudy).

**Industrial Applications:** Repair and maintenance of roofs, steps, tanks, pipes, lines, gutters, switch boxes, etc...

**Automotive, Truck & Transport:** Bumpers, radiators, rusted areas and exhaust leaks, fuel tanks and lines, box bodies, head lamp housings, all kinds of plastics and body components.

**Hobby/Sports/DIY:** Jet skis, boats, surf boards, prototyping, modeling, windows, doors, fences, roofs, drainage lines, pools, spas, garden equipment, sanitation systems, bail tanks and lines, sporting equipment and various other surfaces like wood, metal, glass, ceramic, concrete and plastics.

TYPICAL PROPERTIES Perma-Mend™ Repair Patch	
Technical Data	Test Method
Tensile strength: >55 MPa	BS 2782 bis 1994
Flexural strength: >130 MPa	ASTM D 790-03
Flexural modulus: >5.98 MPa	ASTM D 2344
Elongation at break: >3%	BS 2782 bis 1994
Coeff. of thermal expansion: 2.9° 105K-1	ASTM D 696-03
Impact resistance: >60 kJ/m2	BS EN ISO 180
Hardness: >60 Barcol	ASTM D 2583
Compressive strength: >200 MPa	ASTM D 695-2002
Adhesion to C-steel: >14 MPa	ASTM D 4541-02
Water vapor permeability: 0,28 g/m2/24h/mmHg	ASTM E 96
Heat distortion: >145°C	ASTM D 648
Fire rating: Class 1	BS 476 pt7:1997 ASTM 84
Flash point: >32°C	ASTM D 93
Dielectric strength: 9 kV/mm	IEC 243
Arc resistance: >180 sec.	ASTM D 495
Heat resistance: Wet 194°F - Dry 392°F	

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