



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

TURN OVER FOR MORE PRODUCT INFORMATION



Your Best Solution™

Customer Care: 800-272-4620
Technical Assistance: 800-521-3168
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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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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