

Polywater® PowerPatch®

TRANSFORMER LEAK REPAIR



Transformer radiator fin repair

Repair System for SF₆
Gas- and Oil-Insulated
Transformers

PRODUCT BENEFITS

- **Fast Repair:** Stops active leaks without shutting down equipment.
- **Convenient:** Seals active leaks in minutes. Also eliminates “bagging” of transformers during transit.
- **Resilient:** Seal is UV and weather resistant for long-term durability.
- **High Adhesion:** Adheres to numerous types of metals, porcelain, and rubber materials.
- **Chemically Inert:** Will not affect oils, solid insulation, or other equipment.

PowerPatch® quickly makes durable repairs of transformer oil and SF₆ gas leaks as an economical and effective means to protect essential electrical grid assets. PowerPatch field repairs reduce costly unplanned outages and risks to the environment.



Pad-mounted transformer repair



Sealed bushing leak



“PILC” lead cable repair



Catalog # EPCT-KIT1G

Multi-Use Kits Make Diverse Repairs Easier

Polywater® PowerPatch Transformer Leak Repair permanently repairs oil and gas leaks commonly found in bushing and portal gaskets, nut and bolt fastenings, welding defects, and valve and meter connections.

POLYWATER POWERPATCH

Catalog #	Package Description	Units/Case
EPCT-KIT1	2 - PowerPatch 2-part cartridges; 4 - mixing nozzles; 2 - 1 oz putty sticks (1.75 in/4 cm); 8 - Type RP™ cleaning wipes (cat # RP-1); 1 - sanding cloth (24 in/61 cm); 4 - application sticks; 1 - instruction sheet. Multi-use kit. TOOL-50-11 must be purchased separately.	1
EPCT-KIT1G	Same as kit above; includes TOOL-50-11	1
EPCT-KITB6	A box with 6 EPCT-KIT1	1
EPCT-KITB6G	Same as kit above; includes TOOL-50-11	1
TOOL-50-11	1 - dispensing tool	1
EP-KIT11	1 - sealed plastic bag with 2-part sealant (part A & B); 1 - 1 oz putty stick (1.75 in/4 cm); 2 - Type RP cleaning wipes (cat # RP-1); 1 - sanding cloth (24 in/61 cm); 2 - mixing sticks; 1 - pair of gloves; 1 - instruction sheet	1
EP-KITB6	6 - EP-KIT11	1
EP-KITB12	12 - EP-KIT11	1
EP-KIT51	6 - 2-part sealant sets (part A & B); 1 - 4 oz putty stick (7 in/18 cm); 12 - Type RP cleaning wipes (cat # RP-1); 6 - sanding cloths (24 in/61 cm); 12 - mixing sticks; 6 - pairs of gloves; 1 - instruction sheet	1
EP-STICK4	12 - 4 oz putty stick (7 in/18 cm)	1

SPECIFICATIONS AND APPLICATIONS:

- **Electrical Reliability:** Moisture can damage transformers. Sealing leaks quickly as they occur is the key to keeping moisture from entering transformers and causing premature or catastrophic failure.
- **Chemical Resistance:** Sealant chemically resists dielectric fluids, SF₆ gas, ultraviolet light, water, and oil.
- **Leak Sealing Performance:** Sealant shows good adhesion to numerous metals, ceramics, and rubbers; and no leakage under high pressure (up to 100 PSI) with both air and polybutene oil.
- **Electrical Testing:** Sealant is non-conductive. Dielectric strength is 43 kV using ASTM D149, Method A. Platen samples are cast and fully cured.

CONTACT US

1-800-328-9384 Toll Free

1-651-430-2270 Main

1-651-430-3634 Fax

email: support@polywater.com

IMPORTANT NOTICE: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

American Polywater expressly disclaims any implied warranties and conditions of merchantability and fitness for a particular purpose. American Polywater's only obligation shall be to replace such quantity of the product proven to be defective. Except for the replacement remedy, American Polywater shall not be liable for any loss, injury, or direct, indirect, or consequential damages resulting from product's use, regardless of the legal theory asserted.

American
Polywater[®]
Corporation

11222 60th Street N | Stillwater, MN 55082 USA