

American Polywater's

powerpatch™

Leak Repair System for:

- Transformers
- Potheads
- SF₆ Gas
- Oil-Filled Equipment
- Lead-Sheathed Cables
- Pipe Type Cables



Substation



Repair

Features

Quick plugging action - A fast-cure putty that stops oil seepage.

Permanent seal - A 2-part paste overcoat forms a permanent seal.

Durable - Finished seal is impervious to water, oil and weather.

Fast - System can plug and seal active leaks in minutes.

Saves money - Faster than welding. Transformer may stay in service.

Simple - Eliminates “bagging” or removal from field and unexpected outages.

Convenient - Kit contains all materials needed to fix leak while in the field.

PowerPatch™ System

Use the PowerPatch™ System's 2-part putty stick to block oil leaks. Then make a permanent patch with the fast-cure, 2-part paste overcoat. Optimal mix and performance is ensured with pre-measured packaging.

Seals cracks or punctures in hard to reach areas. Fixes leaks fast. At 70°F, the putty and sealant harden in 10 minutes. Repairs made at temperatures as low as 40° F have a slower cure. The finished patch is resistant to transformer oil and has held oil pressures in excess of 20 psi.

Surface preparation is very important. The kit approach provides everything needed to successfully perform job while in the field. Read detailed application instructions before using.

PowerPatch™ Sealant Physical Properties

Color: Dark Grey

Viscosity: No-Sag, Thick Paste

Pot Life: 5 minutes @ 70°F/ 21°C

Dielectric Strength: 43 KV (ASTM D 149)

Cured Hardness: 75 (Shore D)

Durability: Resistant to UV, water, and oil

Adhesion to Metals: Good

Adhesion to Ceramic: Excellent

PowerPatch™ Kit

The PowerPatch™ Sealant is provided in a kit containing the surface preparation and patching materials necessary to repair oil leaks in transformers, lead-sheathed cables, potheads and other oil-filled electrical equipment. **Kits can be customized to end-user requirements.**

Product Code	Description
EP-KIT11	Contains: 2-part sealant (part A & B), putty stick (~4"), 2 TR™ cleaning and preparation wipes, 24" sandpaper strip, 2 mixing sticks, 1 pair of gloves, and instructions. Single use.
EP-KITB6	Contains: <u>Six</u> sealed plastic bags, each with 2-part sealant (part A & B), putty stick (~2"), 2 Type TR™ cleaning and preparation wipes, 12" sandpaper strip, 2 mixing sticks, 1 pair gloves, and instructions. Box of 6 single-use kits
EP-KITB12	Contains: <u>Twelve</u> sealed plastic bags, each with 2-part sealant (part A & B), putty stick (~2"), 2 Type TR™ cleaning and preparation wipes, 12" sandpaper strip, 2 mixing sticks, 1 pair gloves, and instructions. Box of 12 single-use kits
EP-KIT51	Contains: 6 sets 2-part sealant (part A & B), putty stick (~7"), 12 TR™ cleaning and preparation wipes, 6 strips sandpaper (24"), 12 mixing sticks, 6 pairs of gloves, and instructions. Seals multiple leaks.

Related website (www.polywater.com) links:

Application slide show - www.polywater.com/EPApplication.asp

Product benefits slide show - www.polywater.com/EPPresentation.asp

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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.

LIT-POWERPATTRAN/1-05/QUAN(1-05)

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