

American Polywater

powerpatch®

**Leak Repair System
For
PILC (Paper Insulated Lead Cables)**

Before



After



Features

Eliminate Hazardous Alternative Methods - Kit will eliminate lead wiping and heat sources in manhole.

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

Quick plugging action - Fast cure putty stops oil seepage.

Permanent seal - A quick curing 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.

PowerPatch® System

System contains necessary cable prep material for cleaning and sealing of cable. 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 and punctures in hard to reach areas. Fixes leaks fast. At 70°F, the putty and sealant harden in about 10 minutes. Repairs made at temperatures as low as 40° F have a slower cure. The finished patch is resistant to transformer oil and water and has held oil pressures in excess of 20 psi on lead.

Preparation is important, and the kit approach provides everything needed to do the job. 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: 41 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 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 (3-1/2"), 2 RP™ Cleaning and Preparation Wipes, 24" Sandpaper Strip, 2 Mixing Sticks, 1 Pair of Gloves, and Instructions. Single Use.
EP-Kit51	Contains: 6 sets 2 part Sealant (Part A&B), Putty Stick (7"), 12 RP™ Cleaning and Preparation Wipes, 6 Strips Sandpaper (24"), 12 Mixing Sticks, 6 Pairs of Gloves, and Instructions. Seals multiple leaks.
EP-KITB12	Contains: <u>Twelve</u> sealed plastic bags, each with 2-part sealant (part A & B), putty stick (~2"), 2 Type RP™ 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 RP™ Cleaning and Preparation Wipes, 6 Strips Sandpaper (24"), 12 Mixing Sticks, 6 Pairs of Gloves, and Instructions. Seals multiple leaks.

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