Polywater®
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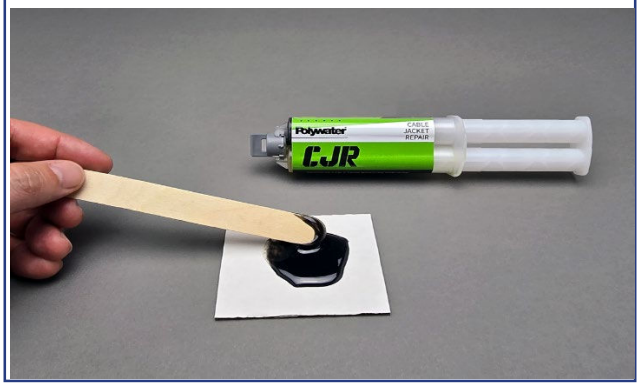
INSTRUCTIONS FOR USE

POLYWATER® CABLE JACKET REPAIR
(CJR-25KIT)



POLYWATER CABLE JACKET REPAIR (CJR)

CJR repairs compromised fiber cable jackets, protecting the network from costly outages. CJR adds a new layer of protection to the affected area, preventing further wear and water ingress. A unique syringe package allows for simple, toolless application. This two-part sealant cures in most environments and is intended for both aerial and underground applications.

INSTALLATION

Installation temperature:

35°F to 120°F (2°C to 50°C)

In-service temperature:

-60°F to 250°F (-50°C to 120°C)

- Apply to a clean surface.
- CJR should be a uniform dark color after mixing.
- Keep cartridge warm—above 60°F (15°C) for cool weather application.
- Replace syringe plug to save for next use.

SAFETY

- Wear eye protection
- Use protective gloves

Identify cable jacket defect

1. Identify the defect in the cable jacket. Be sure that the fibers within the cable are not damaged.

Clean area around the defect

2. Clean the portion of the cable jacket to be repaired with a solvent wipe to remove any contamination. Be sure the surface is dry.

Remove cap from syringe

3. Remove syringe plug by rotating 90° counterclockwise and pulling straight off.

Replace the syringe plug after expelling material. This will allow for reuse of the syringe in another application within the next 30 days.

Expel CJR

4. Onto a clean disposable surface, expel a quarter-sized (1” or 2.5 cm) portion of Part A and Part B together.


Mix thoroughly

5. Mix the expelled material with a mixing stick (provided) for 15 to 30 seconds until the blend becomes a uniform black color.


Apply CJR to defect

6. Use mixing stick to carefully apply the mixture to the repair area. Cover the defect plus ½” (1.2 cm) on each side and then coat the entire circumference of the repair area. The coating should be thin (1/16” or 1.5 mm) but consistent around the cable. Working time of CJR is approximately 5 to 6 minutes.


Allow CJR to cure

7. The material will thicken over 10 to 15 minutes to a drip-free coating. The coating will remain tacky for 2 to 3 hours.


CJR with tape applied

8. If preferred, the CJR repair can be covered immediately by wrapping the cable with vinyl electrical tape. Start ¼” (0.6 cm) past the edge of the repair and wind the tape around the cable, overlapping the previous wrap by half with each turn. Use minimal tension when winding tape to prevent squeeze-out of Cable Jacket Repair material. Continue wrapping ¼” (0.6 cm) past the edge of the repair. A small amount of CJR compound may squeeze out between turns of tape. This can be wiped away or left to cure on the surface. Cable may be buried or handled immediately after taping.

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