

# Polywater® CableFree® Loosener

## CABLE REMOVAL AID



Pouring CableFree Loosener into the conduit

Specialty Lubricant for  
Removing Stuck Wires  
and Cables from Conduits

### PRODUCT BENEFITS

- **Stuck Wire Removal:** Softens binding agents.
- **Lubricates:** Minimizes the force required to remove the cable.
- **Conduit is Reusable:** Leaves empty conduit undamaged and ready for reuse after cleaning and drying.
- **Economical:** Lowers duct reclamation costs.
- **Limits Liability:** Meets NEC Codes for Removal of Abandoned Cable: Articles 800.2, 800.52(1), & 770.2.

### Reclaims Conduit Raceways

CableFree® Loosener is designed to remove “cemented” wires and cables from conduit systems caused by yellow wax-based or old soap-based pulling lubricant residues; cloth-jacketed wires; “bird nesting” of wires; and rust, mud, or bitumen deposits.



Blowing CableFree through conduits



Damming prevents leaking

[polywater.com](http://polywater.com) | 651-430-2270

American  
**Polywater**  
Corporation



CableFree Loosener packaging

## Quantity Calculation Made Simple

As a rule of thumb, one quart of CableFree Loosener should be used for every 50 feet of 1" conduit (1 liter per 15 m of 2.5-cm conduit). For larger conduits, the following equation provides a starting estimate of the amount of loosener for a particular cable removal.

$$Q = .02 \times L \times D$$

$$\text{Metric Formula: } Q = .024 \times L \times D$$

Q = quantity required in quarts (liters for metric)

L = length of the conduit in feet (meters for metric)

D = diameter of the conduit in inches (centimeters for metric)

### POLYWATER CABLEFREE LOOSENER

Catalog #	Package Description	Units/Case
CF-35	1-qt. bottle (0.95 liter)	12
CF-128	1-gal. jug (3.8 liters)	4
CF-640	5-gal. pail (18.9 liters)	1

### SPECIFICATIONS AND APPLICATIONS:

- All circuits should be de-energized for safe operation. Do not work with liquid chemicals around live circuits.
- **NOTE:** Caution should be exercised when working with these liquid materials. Consult the SDS sheet.
- Pour, pump, or use air pressure to "blow" through the system.
- Objective is to get the CableFree Loosener to all points of the conduit so it can dissolve the binding materials.
- Allow CableFree to sit in system for at least 2 hours, preferably 24 hours. Older systems will require longer wait times.
- If the cable fails to move, attach a hydraulic jack or try pulling from the opposite end.
- Once the cable is removed, pull a water-soaked rag through the conduit, then pull a drying swab back and forth until conduit is dry.
- **Do not reuse wires or cables pulled out of conduit!**

#### CONTACT US

1-800-328-9384 Toll Free

1-651-430-2270 Main

1-651-430-3634 Fax

email: [support@polywater.com](mailto: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**<sup>®</sup>  
 Corporation

11222 60th Street N | Stillwater, MN 55082 USA