

# Polywater® F

## FIBER OPTIC CABLE PULLING LUBRICANT



Polywater F poured into conduit

For Pulling Fiber  
Optic and Other  
Communications  
Cable

### PRODUCT BENEFITS

- **Superior Friction Reduction:** For lower tension and/or longer cable pulls.
- **Wets Out and Coats PE Jackets:** Lubricates at all points of cable rub on long pulls.
- **Pourable:** Can be poured into innerducts and feeder tubes.
- **Compatible with Cable Jackets:** Avoid weakened or cracked cable jackets.
- **Slow Drying:** Leaves a lubricious residue for lasting lubrication.

### Pourable Lubricant Reduces Friction on Cable Pulls

Polywater® F Lubricant is a high-performance, pourable liquid ideal for pulling underground fiber optic cable. It is also suitable for pulling coaxial and copper-pair cable. Polywater F wets and clings to cable jackets while evenly coating the surface. Dries slowly while leaving a lubricating film.



F-320 2½-gallon jug



F applied to duct with an LP-D5 pump

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

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F-128 (1 gallon jug) poured in conduit



WF (Winter Grade) family

## A Lubricant that is Packaged to Pour

Polywater F is available in two grades: Regular Grade F and Winter Grade WF (*photo 2*) for cold weather use in temperatures as low as -20°F (-30°C). Polywater F can be hand poured or pumped into conduit using the LP-D5 drill-powered pump. The packages (with the exception of the 55-gallon drum) are designed to be poured into upturned innerduct or a feeder tube.

### POLYWATER F

Catalog #	Package Description	Units/Case
F-35 / WF-35	1-qt. (0.95-liter) bottle	12
F-128 / WF-128	1-gal. (3.8-liter) jug	4
F-320 / WF-320	2½-gal. (9.6-liter) jug	2
F-640 / WF-640	5-gal. (18.9-liter) pail	1
F-DRUM / WF-DRUM	55-gal. (208-liter) drum	1

\*W in the catalog number indicates Winter Grade version.

### SPECIFICATIONS AND APPLICATIONS:

- **Lubricity:** LDPE-, MDPE-, and HDPE-jacketed cable on HDPE and PVC innerduct at 200 lbs./ft (2.91 kN/m) sidewall force, coefficient of kinetic friction <0.12.
- **Appearance:** Transparent to slightly opaque, orange-colored, stringy liquid material.
- **Temperature Stability:** No more than a 20% change in Brookfield viscosity from 40°F to 100°F (5°C to 40°C). No phase-out after five freeze/thaw cycles or 5-day exposure at 140°F (60°C).
- **Cable Compatibility:** No deleterious effects on physical or electrical properties of cable jackets.
- **Polyethylene Stress Cracking:** No stress cracking on LDPE cable jackets when tested by ASTM D1693.
- **Flammability:** Lubricant has no flash point and dried residue is not combustible.

#### CONTACT US

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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.

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