

# Polywater® CGL

## CABLE PULLING LUBRICANT



Hand applying Polywater CGL lubricant

**Universal Pulling  
Lubricant for Fiber Optic,  
Copper, Coax, and Power  
Supply Cables**

### PRODUCT BENEFITS

- **UL and ULC Listed:** Can be used where inspection is required.
- **Superior Friction Reduction:** Maximum tension reduction on all types of cable jackets.
- **High Cling Factor:** Clings to jacket for better lubrication on long runs.
- **Meets California CCR 22 Fathead Minnow Screen:** No disposal issues. Not a CA hazardous waste.
- **Compatible with Cable Jackets:** Compatible with PE and low-smoke zero-halogen (LSZH) communication cable jackets.

### For Maximum Friction Reduction on Cable Pulls

Polywater® CGL is a high-performance, gel cable pulling lubricant formulated specifically for the communications industry. CGL is recommended for long fiber optic, copper-paired, or coaxial cable pulls. CGL provides maximum friction reduction between cable and conduit.



CGL-55 Front End Pack



CGL pumped into duct using an LP-D5 pump

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

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CGL-35 applied to cable



CGL family

## Universal Gel Lubricant

Polywater CGL is available in two grades: Regular Grade CGL and Winter Grade WCGL for cold weather use in temperatures as low as -20°F (-30°C). Polywater CGL can be hand applied, pumped into conduit using the LP-D5 drill-powered pump, or applied with Polywater's Front End Pack™. These lubricant bags are pulled through a conduit at the "front end" of a cable pull to prelubricate the cables.

### POLYWATER CGL

Catalog #	Package Description	Units/Case
CGL-35 / WCGL-35	1-qt. (0.95-liter) bottle	12
CGL-128 / WCGL-128	1-gal. (3.8-liter) jug	4
CGL-640 / WCGL-640	5-gal. (18.9-liter) pail	1
CGL-27	1-qt. (0.95-liter) Front End Pack in a carton	12
CGL-99	1-qt. (0.95-liter) Front End Pack in a 5-gal. pail	16
CGL-55	½-gal. (1.9-liter) Front End Pack in a carton	6
CGL-110	½-gal. (1.9-liter) Front End Pack in a 5-gal. pail	10

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

### SPECIFICATIONS AND APPLICATIONS:

- **Appearance:** Opaque-white stringy gel. Light gel viscosity (35,000-50,000 cps @ 10 rpm).
- **Combustibility:** CGL has no flash point and dried residue is non-flammable.
- **Coatability:** CGL will wet out evenly on cable jacket surfaces. It will not bead up or rub off the cable jacket. A 1-inch diameter XLPE cable dipped 6 inches into CGL and then withdrawn and held vertically will retain at least 25 grams of CGL for 1 minute at 70°F.
- **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.

#### 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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