



Polywater® CGL Gel Lubricant

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



**Also Available in
WINTER GRADE
(Non-Freezing) Formula*

- Superior friction reduction
- Clings to cable for long-distance pulls
- Clean and non-staining
- Compatible with PE and low-smoke zero-halogen (LSZH) communication cable jackets



For maximum efficiency,
use CGL with LP-D5 Lubricant Pump

Polywater® Cable Lubricant CGL

Polywater® Lubricant CGL is high-performance, cable-pulling gel that is formulated specifically for the communications industry. It is recommended for fiber optic, copper, and coaxial cable pulls.

Polywater® Lubricant CGL provides maximum friction reduction between cable and conduit under both low and high sidewall bearing pressures. It is slow drying and leaves a lubricating film after its water base has evaporated. Polywater® CGL is a gel material that can be applied by hand or the Polywater LP-D5 Pump.

Cat. No. / Winter Grade	Pack. Size	Case Qty
CGL-35/WCGL-35	1-qt (0.95 liter) bottle	12
CGL-128/WCGL-128	1-gal (3.8 liter) pail	4
CGL-640/WCGL-640	5-gal (19 liter) pail	1
CGL-27	1-qt (0.95 liter) bag in a box	12
CGL-99	1-qt (0.95 liter) bag in a 5-gal pail	16
CGL-55	1/2-gal (1.9 liter) bag in a box	6
CGL-110	1/2-gal (1.9 liter) bag in a 5-gal pail	10

Polywater® Lubricant CGL is suitable for use on PE and low-smoke zero-halogen (LSZH) communication cable jackets.

Polywater® Lubricant CGL meets California Environmental Regulation CCR Title 22-Fathead Minnow Hazardous Waste Screen Bioassay, thus Polywater® CGL is safe for aquatic environments.

Characteristics

1. Polywater® CGL shows excellent lubricity on a variety of cable jacket types. The following COFs were measured using Rigid steel conduit:
LSZH .15, CPE .13, CSPE .21, LLDPE .10;
FRP conduit:
LSZH .17, CPE .17, CSPE .24, LLDPE .11;
PVC conduit:
LSZH .07, CPE .10, CSPE .16, LLDPE .05;
Method described in "Coefficient of Friction Measurement on Polywater's Friction Table, 2007."
Typical values determined using 200 lbs/ft normal force.
2. Polywater® CGL dries slippery. It leaves little residue and won't cement cables into conduit.
3. Polywater® CGL does not contain wax or grease.
4. Polywater® CGL has a wide temperature use range: Polywater® CGL 20°F to 120°F (-5°C to 50°C); Winter grade Polywater® WCGL -20°F to 120°F (-30°C to 50°C).
5. Polywater® CGL passes IEEE 1210 physical and electrical testing on a wide variety of cable materials. It does not stress crack polyethylene. Refer to the technical bulletin for details.
6. Polywater® CGL is stable and will not separate after exposure to high heat or freezing.
7. Polywater® CGL will not stain sheet rock, carpet, concrete, or clothing. Wipe up excess product when necessary.
8. Polywater® CGL has no flash point and dried residue will not support or spread flame. Test supported by a modified version of IEEE 383, vertical flame tray test.

For more information, visit
www.polywater.com/polywater-cgl



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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.

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