

# Polywater® J

## CABLE PULLING LUBRICANT



Polywater J is easily applied by the LP-D5 pump

**Proven High-Performance  
Cable Lubricant for Heavy  
Cable Installations**

### PRODUCT BENEFITS

- **Maximum Friction Reduction:** For low cable pulling tension.
- **Clean and Non-Staining:** Minimizes clean-up time.
- **Field-Friendly Application:** Can be pumped, hand applied, or distributed by Front End Pack™.
- **Temperature Stable:** No ruined lubricant from freeze/thaw or high-temperature exposure.
- **High Cling Factor:** Stays on cable jacket during application.

### The Most Used and Specified Cable Lubricant

Specification-grade Polywater® Lubricant J is a high-performance, clean, slow-drying, water-based gel lubricant. Lubricant J provides maximum tension reduction in all types of cable pulling. It is recommended for long pulls, multiple-bend pulls, and pulls in a hot environment.



Easily applied by hand



Front End Pack prelubricates conduit

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

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Quarts are handy for smaller conduits



Packaged for all installation types

## Package Options for All Applications

Polywater J comes in two grades: Regular Grade J and Winter Grade WJ (for cold weather use in temperatures as low as -20°F (-30°C)). A pourable version (Polywater PJ) is also available. The Front End Pack is a conduit-sized polyethylene bag of lubricant that travels through the conduit on the winch line or pull rope, prelubricating the conduit ahead of the cable being pulled. Lubricant J dries to form a thin lubricating film that retains its lubricity for months after use.

### POLYWATER J

Catalog #	Package Description	Units/Case
J-35 / WJ-35	1-qt. bottle (0.95 liter)	12
J-27 / WJ-27	1-qt. Front End Pack in a carton (0.95 liter)	12
J-99 / WJ-99	1-qt. Front End Pack in a 5-gal. pail (0.95 liter)	16
J-55 / WJ-55	½-gal. Front End Pack in a carton (1.9 liters)	6
J-110 / WJ-110	½-gal. Front End Pack in a 5-gal. pail (1.9 liters)	10
J-128 / WJ-128	1-gal. pail (3.8 liters)	4
J-640 / WJ-640	5-gal. pail (18.9 liters)	1
J-DRUM / WJ-DRUM	55-gal. drum (208 liters)	1

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

### SPECIFICATIONS AND APPLICATIONS:

- **Cable Compatibility:** 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.
- **Friction Testing:** Shows excellent lubricity on a variety of cable jacket types. Using PVC conduit, the following COFs were measured: PVC .11, XLPE .11, LLDPE .11, HDPE .09, THHN .13, XHHW .11. Method described in “Coefficient of Friction Measurement on Polywater’s Friction Table, 2007”. Typical values determined using 200 lbs/ft normal force.
- **Formula:** Contains no wax, grease, or silicone.
- **Temperature Range:** Has a wide temperature use range: 20°F to 120°F (-5°C to 50°C); Winter Grade Polywater® WJ: -20°F to 120°F (-30°C to 50°C).

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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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