

Polywater[®] Lubricant J

Proven High Performance Cable Lubricant
For Heavy Cable Installations



- Maximum Friction Reduction
- Compatible With Most Cables
- Temperature Stable
- Non-Combustible Residue
- Specification Grade

- Clean & Non-Staining
- High Cling Factor
- Application System
- UL & CSA Listed
- Available in Cold Weather (non-freezing) Formula

Polywater® Cable Lubricant J

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 especially recommended for long pulls, multiple-bend pulls and pulls in a hot environment. Lubricant J dries to form a thin lubricating film that retains its lubricity for months after use.

Polywater® Lubricant J is a specification-grade lubricant that does not promote flame propagation when used with fire-retardant cables and systems. It is harmless to humans, environmentally safe, compatible with common cable jacket materials, and can be easily applied as part of the unique Polywater® Lubricant Application System.

Polywater® Lubricant WJ (winter-grade) has the same characteristics as Polywater® Lubricant J and is specifically formulated for use in temperatures as low as -20°F (-30°C).

Front End Pack™ is a conduit-sized polyethylene bag of lubricant. The Front End Pack™ travels through the conduit on the winch line, pre-lubricating the conduit ahead of the cable being pulled.

Package Size	Lubricant J Product #	Winter Grade Product #	Units/Case
55-gal drum (208 L)	J-Drum	WJ-Drum	1
5-gal pail (18.9 L)	J-640	WJ-640	1
1-gal pail (3.9 L)	J-128	WJ-128	4
1/2-gal Front End Pack™ (1.9 L) (in 5-gal pail)	J-110	WJ-110	10
1-qt Front End Pack™ (0.95 L) (in 5-gal pail)	J-99	WJ-99	16
1/2-gal Front End Pack™ (1.9 L) (in corrugated carton)	J-55	WJ-55	6
1-qt (0.95 L) squeeze bottle	J-35	WJ-35	12
1-qt Front End Pack™ (0.95 L) (in corrugated carton)	J-27	WJ-27	12

Characteristics

- Polywater® J shows excellent lubricity on a variety of cable jacket types. Using PVC conduit, the following COF's were measured:
PVC .11, XLPE .11, LLDPE .11, CPE .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
- Polywater® J dries slippery. It leaves residue and will not cement cables into conduit.
- Polywater® J does not contain wax, grease or silicone.
- Polywater® J has a wide temperature use range:
Polywater® J, 20°F to 120°F (-5°C to 50°C)
Winter-grade Polywater® WJ, -20°F to 120°F (-30°C to 50°C)
- Polywater® J 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.
- Polywater® J is stable and will not separate after exposure to high heat or freezing.
- Polywater® J will not stain sheet rock, carpet, concrete or clothing. Wipe up excess product when necessary.
- Polywater® J 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.

To view technical information on our website go to:

Support Page: www.polywater.com/polyj.html

Application Videos: www.polywater.com/videos.asp



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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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