

Polywater® Prelube

CABLE BLOWING LUBRICANT



Prelubricating conduit prior to blowing fiber optic

Increases Installation Distance when Blowing Fiber Optic Cable

PRODUCT BENEFITS

- **Low Friction:** Increases blowing distance.
- **Easy to Use:** Simply squeeze into duct before blowing fiber optic cable.
- **Tested and Approved:** Recommended by most blowing equipment manufacturers.
- **Winter Grade Available:** For use in sub-freezing temperatures.
- **Compatible with Cable Jackets:** Avoid weakened or cracked fiber optic jackets.

Blowing Lubricant for Air-Assisted Installation of Fiber

Polywater® Prelube 2000™ reduces frictional drag during the blowing of outside plant fiber optic cable into duct. It increases the distance cable can be installed in a continuous length. Use Prelube 5000™ for blowing small diameter fiber optic microcable into microtube duct.



Prelube 5000 for microcables



Prelube 2000 with a fiber blowing machine

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Prelube 2000 family



PM-8

Long Distance Fiber Optic Cable Installation

Blowing (jetting) uses two forces to move the cable through duct: a pushing force generated by a cable pusher at the start of the installation, and an air drag force that acts along the length of the cable to lift and move the cable through the duct. Prelube 2000 reduces the friction generated by both these forces to maximize installation distances. Longer installations reduce the number of equipment setups and the associated labor, minimizing the cost per meter of installed cable.

Catalog #	Package Description	Units/Case
P-35 / WP-35	1-qt. (0.95-liter) bottle	12
P-128 / WP-128	1-gal. (3.8-liter) jug	4
P-640 / WP-640	5-gal. (18.9-liter) pail	1
PM-8	8-fl oz (240-mL) squeeze bottle	6

*W in the catalog number indicates Winter Grade version.

SPECIFICATIONS AND APPLICATIONS:

- **Cable Compatibility:** Passes all compatibility tests for PE jacketed cables.
- **Cost Effectiveness:** Prelube 2000 offers significant cost savings over “factory-lubricated” duct. In high-quality HDPE duct, it lubricates efficiently at coating levels of 0.5 mg/cm² of duct surface. At these levels, the lubricant cost for 1.25” (3.2 cm) duct is approximately \$2 per 1,000 feet (\$6 per kilometer), much lower than the additional cost for the factory-lubricated duct. Prelube 5000 is also extremely efficient and cost effective. It lubricates at coating levels as low as 0.05 mg/cm² of the tubing’s interior surface. At these levels, the lubricant cost is \$0.20 to \$0.75 per 1,000 feet (\$0.60 to \$2.20 per kilometer), depending on microtube size.
- **Safe:** Prelube is non-hazardous.

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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