

Polywater®

LZ Lubricant



UNIVERSAL CABLE PULLING LUBRICANT



Can be used with the Polywater® LP-D5 drill-powered pump.

Provides High-Performing Friction Reduction and Combustion Resistance While Working with All Cable Jacket Materials

In addition to inherently low coefficient of friction, Polywater® LZ is the only pulling lubricant developed, tested, and specified for installations of LSZH/LSHF cable in conduits where fire propagation is a concern. Designed to meet the requirements of critical power infrastructure and public transportation, such as mass transit systems and airports.



FEATURES AND BENEFITS

- **UNIVERSALLY COMPATIBLE**
Suitable on all cable jackets and specifically designed for LSZH/LSHF, CPE, CSPE, fire-rated, and plenum cable jackets
- **LOW FRICTION COEFFICIENT**
Low tensions reduce risk of cable damage to ensure long-term integrity of cable networks
- **SPECIFICATION GRADE**
Meets performance requirements for power and industrial plants, mass-transit systems, high-occupancy buildings, airports and data centers
- **EASY TO APPLY**
Can be hand applied, pumped or deployed by a Front End Pack™

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Polywater® LZ Lubricant



CATALOG #	PACKAGE DESCRIPTION	UNITS/CASE
LZ-35/WLZ-35	1 qt (0.95 L) Bottle	12
LZ-55/WLZ-55	½ gal (1.9 L) Front End Pack in a Carton	6
LZ-110/WLZ-110	½ gal (1.9 L) Front End Pack in a Pail	10
LZ-128/WLZ-128	1 gal (3.8 L) Pail	4
LZ-640/WLZ-640	5 gal (18.9 L) Pail	1
LZ-DRUM/WLZ-DRUM	55 gal (208 L) Drum	1

W in the catalog number indicates Winter Grade version.



Polywater LZ can also be applied by hand.

SPECIFICATIONS AND APPLICATIONS

- **Cable Compatibility:** Passes IEEE 1210 physical and electrical testing. Does not stress crack polyethylene. UL Listed to US and Canadian safety standards.
- **Friction Testing:** Offers low coefficient of friction on a wide range of cable jacket and duct materials for superior friction reduction.
- **Physical Properties:** Dries slippery. Contains no waxes or grease. Will not cement cables to conduit.
- **Applications:** Long installations with many bends where superior friction reduction is critical; data and communications centers or high-occupancy areas where LSZH cables and other fire-critical materials are used.
- **Temperature Use Range:** Polywater LZ: 20°F to 120°F (-5°C to 50°C). Winter Grade Polywater WLZ: -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 a product's use, regardless of the legal theory asserted.

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Polywater®
Solutions at work.

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