

Polywater® LZ

UNIVERSAL CABLE PULLING LUBE



Effectively coats cable during long pulls

Low-Smoke Zero-Halogen,
CPE and CSPE Cable
Compatible

PRODUCT BENEFITS

- **Low Friction Coefficient:** Maximum tension reduction on all types of cable jackets.
- **Universal:** Suitable for all types of jackets and cable.
- **Specification Grade:** Meets the performance requirements of power and petrochemical plants, mass transit systems, airports, and high-occupancy buildings.
- **Compatible:** Tested on LSZH/LSHF thermoplastic and thermoset jackets.
- **Safe:** Suitable for use on CSPE and CPE fire-retardant cable jackets.

Can be Used on All Types of Cable Jackets

Polywater® LZ offers proven cable compatibility, superior combustion resistance, and an inherently low coefficient of friction. Polywater LZ should be specified for installations of LSZH/LSHF cable in ducts and where fire propagation is a concern.



Available in Front End Pack™



Easily hand applied

polywater.com | 651-430-2270

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Quarts are perfect for smaller conduits



Polywater LZ package options

One Lubricant for All Types of Cable and Conditions

Polywater LZ comes in two grades: Regular Grade LZ and Winter Grade WLZ (for cold weather use in temperatures as low as -20°F/-30°C). Specify Polywater LZ to ensure that cable installers use a universally compatible lubricant.

POLYWATER LZ

Catalog #	Package Description	Units/Case
LZ-35 / WLZ-35	1-qt. bottle (0.95 liter)	12
LZ-55 / WLZ-55	½-gal. Front End Pack in a carton (0.95 liter)	6
LZ-110 / WLZ-110	½-gal. Front End Pack in a 5-gal. pail (1.9 liters)	10
LZ-128 / WLZ-128	1-gal. pail (3.8 liters)	4
LZ-640 / WLZ-640	5-gal. pail (18.9 liters)	1
LZ-DRUM / WLZ-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. The following COFs were measured using Rigid Steel conduit: LSZH .16, CPE .15, CSPE .21, LLDPE .10; FRP conduit: LSZH .17, CPE .19, CSPE .24, LLDPE .11; PVC conduit: LSZH .08, CPE .10, CSPE .16, LLDPE .06.
- **Physical Properties:** Dries slippery. It leaves little residue and won't cement cables into conduit. Contains no wax or grease.

CONTACT US

1-800-328-9384 Toll Free

1-651-430-2270 Main

1-651-430-3634 Fax

email: support@polywater.com

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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11222 60th Street N | Stillwater, MN 55082 USA