

# POLYWATER<sup>®</sup> F LUBRICANT

## SPECIFICATION SHEET

(1) **LUBRICITY:**

**Low Shear** (straight conduit sections): LDPE-jacketed cable on LDPE innerduct at .15 lbs./ft. (2.2N/m) (weight of cable sidewall force, coefficient of static friction <.15

**High Shear** (bent conduit sections): LDPE - jacketed cable on LDPE innerduct at 200 lbs./ft. (2.91kN/m) (weight of cable) sidewall force, coefficient of static friction < .12

(2) **PERCENT NON – VOLATILE SOLIDS:** 4.5 – 5.5%

(3) **APPEARANCE:** Transparent, orange-colored, stringy liquid material

(4) **WAX, GREASE AND SILICONE CONTENT:** None

(5) **TEMPERATURE USE RANGE:** 20°F to 120°F (-5°C to 50°C)

(6) **CABLE COMPATIBILITY:** No deleterious effects on physical or electrical properties of cable jackets.

(7) **POLYETHYLENE STRESS CRACKING:** No stress cracking on LDPE cable jackets when tested by ASTM D1693.

(8) **TEMPERATURE STABILITY:** No phase-out after five freeze/thaw cycles or 24-hour exposure at 120°F (50°C).

(9) **TOXICITY:** Non-toxic and non-sensitizing. Industrial use only.

(10) **CLEAN-UP:** Complete clean-up possible with water.

(11) **FLAMMABILITY:** Lubricant has no flash point and dried residue is non-flammable.

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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.

LIT-FSHORTSPEC/1-05/INTERNAL(1/05)

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