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3M™ Wire Pulling Lubricant Communication WLC-QT, One Quart



3M™ Wire Pulling Lubricant Communications is a slow drying, water-based liquid lubricant formulated for lightguide cable pulling. Case is 12 containers weighing 28 lbs total.

GTIN(UPC/EAN) : 0 00 54007 41783 5
3M Id : 80-6108-3432-9

Additional Information

The lubricant produces a low coefficient of friction that lessens the chance of lightguide cable damage from high pulling forces. Wire Pulling Lubricant Communications provides maximum tension reduction for long fiber optic pulls, multiple bend pulls and pulls in hot environments. It will not stress crack low-density polyethylene and is compatible with a broad range of cable jackets.

Characteristics

China RoHS - Below MCV Yes
EU RoHS Compliant Yes

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[Lubricants, Coatings & Sealers](#) [Wire Pulling Lubricant](#) [3M™ Wire Pulling Lubricant Communication
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3M™ Wire Pulling Lubricant Communication WLC-QT, One Quart Packaging

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Minimum Order Quantity: 12.0 QTS

Case Quantity: 12.0 QTS

	English	Metric
Length	13.4 INCH	0.340 MTR
Width	10.1 INCH	0.257 MTR
Height	11.0 INCH	0.279 MTR
Gross Weight	28.0000 LBS	12.7006 KG



WLC Wire Pulling Lubricant Communications

Data Sheet



1. Product Description

3M™ Wire Pulling Lubricant Communications is a pourable liquid which has excellent lubricating properties for pulling communications type of cables.

Wire Pulling Lubricant Communications Features:

- CSA Certified File LR108775
- Pourable liquid.
- Material is 'stringy and clingy' which provides an even coating on wires.
- Will not stress crack the low density polyethylene jacketing materials which are common to communications type cables.
- Low solids residue.
- Does not phase separate under normal warehouse conditions.

2. Applications

3M Wire Pulling Lubricant Communications is for pulling communications, telephone and light-guide cables..

3. Data: Physical Properties

Color:	Translucent Orange
Percent solids:	1.0%
Viscosity	1,000–3,000 cps
pH:	6.5-8.5

4. Specifications

Product

The lubricant shall be a translucent orange pourable liquid. It shall yield smooth and low tension pulls on communications type cables and have no adverse affects on the electrical or physical properties of the cables. Lubricant shall be CSA Certified.

Engineering/Architectural

The wire pulling lubricant shall be 3M Wire Pulling Lubricant Communications. The lubricant shall be a translucent orange liquid, provided in pourable containers, and must be compatible with communications, telephone and light-guide cables.

5. Installation Techniques

The lubricant is provided in pourable spout containers and is typically applied by intermittent pouring into the conduit during cable feeding. This material is not intended for hand applications and would be difficult to apply in overhead or horizontal cable pulls. For those applications, a gel or wax based lubricant should be used.

6. Maintenance

3M Wire Pulling Lubricant Communications is unimpaired by normal warehouse storage conditions. Opened containers should be tightly resealed to prevent evaporation of the material.

7. Availability

3M Wire Pulling Lubricant Communications is available in 4 sizes from your local authorized 3M electrical distributors.

WLC-QT	1 quart pour spout bottles
WLC-1	1 gallon pour spout jugs
WLC-5	5 gallon pour spout buckets
WLC-55	55 gallon drums (special order only)

Material Safety Data Sheets (MSDS) are available from 3M or your electrical distributor.

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DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME:

WLC - Wire Pulling Lubricant Communications
ID NUMBER/U.P.C.:
80-6108-3432-9 00-54007-41783-5 80-6108-3433-7 00-54007-41784-2
80-6108-3434-5 00-54007-41785-9 80-6108-3435-2 00-54007-41786-6
80-6108-3551-6 00-54007-41898-6 80-6108-3580-5 00-54007-41927-3
ISSUED: December 01, 1997
SUPERSEDES: August 21, 1996
DOCUMENT: 07-4090-2

1. INGREDIENT	C.A.S. NO.		PERCENT
WATER.....	7732-18-5	89	- 99
POLYETHYLENE GLYCOL.....	25322-68-3	2	- 2.5

2. PHYSICAL DATA

BOILING POINT:..... ca. 212 F
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... 100 %
SPECIFIC GRAVITY:..... ca. 1.0 g/cc
PERCENT VOLATILE:..... ca. 95 % by wt
pH:..... 6.5 - 8.5
VISCOSITY:..... 1000 - 3000 centipoise Brookfield
MELTING POINT:..... ca. 32 F

APPEARANCE AND ODOR:
Liquid

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:

Non-combustible. Choose material suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue.

RECOMMENDED DISPOSAL:

Dispose of completely absorbed waste product in a sanitary landfill.
Dispose of empty cans in a sanitary landfill.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately