

# 3M™ Clear Wire Pulling Lubricant

Data Sheet

August 2009

**Description** 3M™ Clear Wire Pulling Lubricant is a clear, colorless, slow-drying, easy-to-apply gel which is an excellent lubricant for everyday pulling of both electrical and communication cable. The clear formula makes this an ideal choice where cleanliness is a concern. 3M™ Clear Wire Pulling Lubricant has a low residue, less than 5% solids.

**Agency Approvals & Self Certifications** UL and C-UL Approved File # E162404  
RoHS 2002/95/EC



RoHS Compliant 2002/95/EC means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2002/618/EC, unless the substance is in an application that is exempt under RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

**Applications** Temperature use range 20°F to 120°F (-5°C to 49° C)  
Compatible with most common jacket types  
No wax, grease or silicone added  
Non-corrosive to steel, copper, or aluminum.

**Installation Techniques** 3M™ Clear Wire Pulling Lubricant can be squeezed, pumped or hand applied directly on the wire or cable. The conduit should be clean and continuous. Clean-up by wiping off excess lubricant with rag.

Estimated Lubricant Quantity :  $Q = K \times L \times D$

Where:

Q = quantity in gallons.

L = length of conduit run in feet.

D = I.D. of conduit in inches

K = .0015 (.0008 if using metric units)

Note that the quantity can vary greatly depending on the complexity of the pull. Factors such as cable weight, conduit condition, conduit fill, or number of bends can all lead to increased usage

**Typical Properties** Not for specifications. Values are typical, not to be considered minimum or maximum. Properties measured at room temperature 73°F (~23°C ) unless otherwise stated.

Physical

Property (Test Method)	Typical Value US units (metric)
Color	Clear, colorless
Percent non-volatile content	5%
VOC Content	20 gm/liter
Viscosity	40,000 -60,000 cps @ 10 rpm
PH	6.5 – 8.0
Combustibility	No flash point, residue is non-flammable

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**Shelf Life & Storage** This product has a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity). Store in a tightly sealed container away from direct sunlight.

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**Availability** Please contact your local distributor; available from [3M.com/electrical](http://3M.com/electrical) [Where to Buy] or call 1-800-245-3573.

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## Electrical Markets Division

6801 River Place Blvd.  
Austin, TX 78726-9000  
800 245 3573  
FAX: 800 245 0329  
[www.3M.com/electrical](http://www.3M.com/electrical)

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