

3MTM Spray Wire Pulling Lubricant

Data Sheet

August 2009

Description 3MTM Spray Wire Pulling Lubricant is a clean, non-staining, high-performance, thin liquid cable pulling lubricant. 3MTM Spray Lubricant is easily applied by either spraying or wiping. The lubricant has excellent cling and wetting properties for all cable types. The slightly gelled character of the lubricant helps to coat and wet the cable for difficult or complex cable pulls.

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
Lubricant is non-corrosive to steel, copper, or aluminum.

Installation Techniques 3MTM Spray Wire Pulling Lubricant can be sprayed or wiped directly onto the cable as it enters the conduit. For short runs, spray an appropriate amount of 3MTM Spray Wire Pulling Lubricant into the conduit before the pull, so the cable will pick up the lubricant as it passes through.

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 = .0005 (.0004 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	White
Percent non-volatile content	4%
VOC Content	0 gm/liter
Viscosity	250-750 cps @ 10 rpm
PH	7.5 – 9.0
Combustibility	No flash point, residue is non-flammable

3M™ Spray Wire Pulling Lubricant

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.

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

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