Approvals and conformities

BELLCORE	*Requirements for Cable Placing Lubricants / Technical Audit Report AU-NWT-000077*
NEXANS	*Recommended After Compatibility Testing With Nexan Cable Jacket Material*

All Techlube lubricants share similar chemistries and characteristics.

Techlube M cable lubricant is an underground cable installation lubricant with microspheres specially designed for telecommunication cable pulling operations. Provides superior friction reduction between cable and conduit, requiring lower quantities per pull. Its string & cling consistency evenly coats the cable and adheres perfectly to cables in wet weather with a resistance to wash off in water filled ducts. Techlube M is a water-based, non-flammable and non-toxic cable lubricant.

- Easy to apply water-based, high performance cable lubricant
- Strong adhesion to cable/duct wall
- Superior friction reduction between cable and conduit
- Microspheres ensure adequate friction reduction even if lubricant has dried off cable jacket
- Requires lower quantities per pull
- Reduces risk of cable damage during the cable pull
- Regular pulling tension
- Not readily washed off cable jacket, ideal for pulling in wet ducts
- Dries slowly, leaving a thin film which retains lubricating potential for months
- Temperature stability
- Compatibility tested with materials used in cable jackets, cable joints and accessories
- Does not contain salt, detergent or grease which can degrade cable jackets

USES

Techlube M is a pourable, high performance cable lubricant with microspheres ideal for the installation of fibre, light weight copper and CATV cables.

- Underground lightweight copper and fibre optic cable placements
- Telecommunication and CATV cable installations
- Sub-duct installations
- Duct pre-lubrication

DIRECTIONS FOR USE

Techlube M is a pourable lubricant with a high cling factor ensuring easy application and excellent cable

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adhesion.

Any attempt to quantify exactly the amount of lubricant that is needed on any individual installation will fall short of being accurate. In general, experience has revealed that some valid assumptions can be made. Formulas below have been found to be normally acceptable for installing light weight cables. However, there are field conditions which may require more / less lubricant than the formulas provide. Knowledge of specific local conditions and experience has proven the best judge in these cases.

1. For plastic conduit (PVC, ABS, Polyethylene) use the following:

Q = 0.0004 x L x D

2. For multiple concrete, clay tile, fibre cement, fibre filled and wood conduit use the following:

Q = 0.0006 x L x D

Where Q = Amount of Techlube M needed in litres

Where L = The total length of the pull in metres

Where D = The inside diameter of the individual conduit in centimetres.

TECHNICAL CHARACTERISTICS

Appearance	Viscous liquid
Specific gravity	1.0
pH	Neutral
Viscosity	ISO 2555 (at 25°C) 1800-2800 cPs

PRECAUTIONS FOR USE AND STORAGE

No reportable hazardous substances. Product has extremely low order of acute oral toxicity, but ingestion of large amounts may cause nausea and gastrointestinal irritation.
Storage Temperature: Ambient. Keep containers closed when not in use.
Based upon data for a similar substance or estimated data, no acute toxicity to aquatic organisms is expected. Care should be taken in any case to ensure compliance with EU, national and local regulations.
Combination with other materials may well indicate another route of disposal.
For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.
For professional use only.

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This technical data sheet replaces and cancels the previous one.

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as Socomore deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.

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