



CRC Industries NZ
Auckland NZ

I. Product Description

CRC Wire Pulling Lubricant is a water-soluble polymer gel with PTFE specifically designed to facilitate smooth pulling of electrical and communication wires and cables. It clings to the cable to provide maximum friction reduction and superior lubricity throughout the entire pull and to avoid wire damage from high pulling forces. It dries to a very thin film that will ease cable removal if required.

CRC Wire Pulling Lubricant is compatible to all commonly used cable types and conduits for electrical, electronic, telecommunications and data applications including coaxial and fibre optic cable. It has no damaging effects on physical or electrical properties of all types of cable jackets.

It is easy to apply without drips and runs allowing for clean overhead and vertical application. Excess can easily be cleaned up with water.

II. Features & Benefits

- **Maximum friction reduction** – For long pulls and difficult pulling applications
- **Safe for user and environment** – Non toxic, non flammable, harmless to skin on contact, biodegradable
- **Compatible** – To a wide range of cable jackets and conduits
- **Easy application** – By hand, brush or pump
- **Easy clean up** – By wiping with water
- **Leaves very thin film that does not block conduit and eases removal**

- **No residue** – After evaporation less than 1% non-combustable residue
- **Non staining**
- **Slow drying**
- **Ideal for overhead applications and vertical installations**
- **Temperature stable** – Can endure freezing and high temperature storing conditions and will not liquefy or separate
- **Does not contain wax, grease or silicone**

III. Application and Directions

Preparation:

Product should not come in contact with energised electrical equipment.

Application:

Apply directly to wire or cable by hand, brush or pump as the cable is pulled into the conduit. Can also be used to pre-lubricate conduit for long or difficult cable pulls.

Clean up:

Clean off any excess with water.

Warning: Wipe any excess product off exposed connections or bare wires before energizing the cables or equipment.



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IV. Typical Properties and Characteristics

Physical Properties:

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|---------------------------|----------------------|
| Use Temperature Range | 0 °C to 40 °C |
| Storage Temperature Range | > 0 °C |
| Appearance | Thixotropic blue gel |
| Odour | Low |
| pH | 9 |
| Flash Point | none |
| Solubility in water | Soluble |
| Flammability | Non flammable |
| Non-volatile solids | 1% |

Performance Characteristics:

| | |
|---------------|--|
| Compatibility | Rubber, neoprene, nylon, PVC, high density or cross linked polyethylene, low density polyethylene, semiconducting jacket |
|---------------|--|

V. Package Description

Part Number Size

2053 1 litre Bottle
2055 20 litre Pail

VI. Special Precautions

General:

Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

First Aid:

Swallowed – Do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Skin – Flush skin and hair with running water (and soap if available). Seek medical attention in the event of irritation.

Eyes – Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention.

Inhaled – Remove from contaminated area.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 09/2011

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.