

# DIPPED PRODUCTS PLC

400, DEANS ROAD, COLOMBO 10, SRI LANKA.

**EC REPRESENTATIVE**

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**CERTIFICATION BODY**

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**USER INFORMATION**

**Glove Designation** : LINEPRO 61MC  
**Glove Description** : Natural rubber electrical insulation gloves

**These gloves are intended to be used exclusively for electrical purposes**

**The product is classed as Category III of Personal Protective Equipment (PPE) by the European PPE regulation EU 2016/425 and have been shown to comply with this Regulation through the Harmonised European Standard(s) such as EN 60903:2003 and IEC 60903:2014.**

1. **Sizes available** : 8, 8.5, 9, 9.5, 10, 10.5 and 11

**2. Comfort and Efficiency**

Length of glove - Conforms to EN 60903:2003  
 Hand fit - Conforms to EN 60903:2003

**3. Protection against Electrical Shocks according to EN60903:2003 & IEC 60903:2014**

**DPL**  
**LINEPRO**



**CE 0598**

Electricians Gloves

Manufactured and tested in accordance with  
 EN 60903:2003 & IEC 60903:2014 standards

**Categories**

Category	Description
A	Acid resistant
H	Oil resistant
Z	Ozone resistant
R	Acid, Oil, Ozone resistant
C	Extremely Low Temperature resistant

Glove Category	Resistant to
Class 00	A, C
Class 0	A, C
Class 1	A, C
Class 2	A, C, H
Class 3	A, C, H
Class 4	A, C, H

**Table: Designation of maximum use of voltage**

Type	Category	Class	Length	Colour	Cuff	Max Use Volts
<u>Low Voltage</u>						
I	A,C	00	28 cm / 36 cm	Red/ Black	ST	500V AC
I	A,C	0	28 cm / 36 cm	Red/ Black	ST	1,000V AC
<u>High Voltage</u>						
I	A,C	1	36 cm	Red/ Black	ST	7,500V AC
I	A,C,H	2	36 cm	Red/ Black	ST	17,000V AC
I	A,C,H	3	36 cm / 41 cm	Red/ Black	ST	26,500V AC
I	A,C,H	4	36 cm / 41 cm	Red/ Black	ST	36,000V AC

The maximum use voltage is the A.C. voltage rating of the protective equipment that designates the maximum nominal voltage of the energized system that may be safely worked. The nominal voltage is equal to the phase-to-phase voltage on multi phase circuits.

If there is multiple exposure in system area, and the system voltage exposure is limited to the phase (polarity on the DC system) to ground potential, the phase (polarity on the DC system) to ground potential, shall be considered to be the nominal voltage.

If electrical equipment and devices are insulated, or isolated, or both, such that the multiple exposure on an earthed, neutral star circuit (grounded wye circuit) is removed and if supplemental insulation (eg. Insulated aerial device or structure-mounted insulating work platform) is used to insulate the worker from ground, then the nominal design voltage may be considered as the phase-to-ground voltage on that circuit.

### **Instructions for before use**

- Gloves should be inspected (surfaces - inside and outside), daily or more often if used without leather protectors.
- Rings, watches, jewellery or sharp objects on hands or arms should not be worn while wearing the gloves
- If at any stage the gloves come into contact with petroleum based products or organic solvents (oils, fats, gasoline, hydraulic fluid, hand creams and pastes ) they should be immediately washed and submitted for laboratory testing before reuse
- If protective gloves other than rubber gloves are used together with this product, they must be worn over the rubber gloves
- Leather protectors and the rubber gloves must be inspected together at the same time
- The guidelines for the protector's inspection. should be followed paying particular attention to : metal particles, any snagged wires or any other material that could abrade or compromise integrity of the gloves
- Check for any physical damage : abrasion marks, cracks, holes, nicks, tear, puncture, depressions, soft spots, stickiness, discoloration or any other blemishes
- The gloves should be inflated, by sealing the cuff and rolling the glove over the seal
- Pressure need be applied to different areas of the glove
- A visual inspection should be carried out again, paying attention also to any escaping air
- The gloves and sleeves should be tested electrically in accordance with local statutes or at a minimum of once every 6 and 12 months respectively
- If there is any doubt whatsoever about the condition of the gloves, or they are being used under extreme conditions , then gloves should be submitted for laboratory testing before reuse
- Destroy the glove if any visual or physical abnormalities are found
- All inspections and tests should be conducted as per recommendations in:
  - o ASTM F 496 (Specification for In-Service Care of Insulating Gloves and Sleeves)
  - o ASTM F1236 (Guide for Visual Inspection of Electrical Protective Rubber Products)

### **Precautions during use**

- Gloves containing natural rubber latex might contain ingredients which are known to be a possible cause of allergies in sensitized persons. If any allergic reaction should occur then medical advice should be obtained immediately.
- Always use the rubber insulating gloves in the intended voltage class
- The voltage class can be found on the label, on the box, bag and glove itself
- Leather protectors should always be worn over rubber insulating gloves to protect the gloves from physical damage
- If necessary to use the rubber insulating glove without a leather protector; extreme care should be taken against punctures, abrasions or other damage . If a leather protector is not used, it is essential to wear gloves at least one voltage class higher than normally necessary for all classes higher than 0
- Ensure sufficient flash over cover between the end of the protector's and rubber glove's cuffs. It is recommended that the glove should extend past the end of the protector by a minimum of 1/2 inch for class 0 and 00, 1 inch for class 1, 2 inches for class 2, 3 inches for class 3 and 4 inches for class 4

### **Cleaning**

- Gloves must be washed with a mild soap, rinsed thoroughly with clean water, air dried away from direct-sunlight or sources of heat
- If at any stage the gloves come into contact with petroleum based products or organic solvents (oils, fats, gasoline, hydraulic fluid, hand creams and pastes ) they should be immediately washed and submitted for laboratory testing before reuse

### **Storage**

Gloves must:

- never be folded, wrinkled or exposed to any stress that may cause them to lengthen or shrink (the strain on rubber at a folded point is equal to stretching the glove to twice its length)
- never be stored inside out. Storing gloves reversed strain the rubber severely and causes ozone cutting
- be stored in their protective bag when not in use
- be away from direct irradiation of any heat source
- be kept away from chemicals, oils, solvents, hazardous vapours, smoke or electrical discharge
- stored where ambient temperature is not above 40 C
- be stored away from: moisture, direct-sunlight, direct-light and source of ozone
- Recommend to use the original packaging for transportation
- Storage under the recommended conditions should provide shelf life of two years.

Module D on going conformity assessment –

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Note - You can obtain the declaration of conformity through [www.dplgroup.com](http://www.dplgroup.com)