

ELECTRICAL INSULATING & ARC FLASH GLOVES



Key Features:

- **Enhanced 2-in-1 gloves: Unmatched Electrical Insulation & ARC Flash Protection for optimal safety**
- **Ergonomic Design:** Ergonomically designed for all-day safety and comfort
- **Durable and Flexible:** Manufactured from natural latex, providing ultimate durability and flexibility
- **Superior Fit and Performance:** Ensures ultimate fit, comfort, and performance for the safety and protection of electrical workers
- **Generous Flared Cuff:** Features a generous flared cuff that allows room for clothing and improves ventilation
- **Reduced Hand Fatigue:** Ergonomically designed with a hand-at-rest shape to minimize hand fatigue
- **Easy Donning and Doffing:** Smooth finish enables easy donning and doffing for quick and hassle-free glove changes
- **Individually Tested and Sealed:** Each pair of gloves is individually tested and delivered in a sealed UV-protecting polybag, ensuring quality and integrity
- **Automated Manufacturing Process:** Manufactured using a fully automated robotic dipping process for seamless and power-free gloves
- **Low Protein Content:** Gloves have a low protein content to prevent allergic reactions and itching
- **Leather Protector -Overglove:** It is advised to wear suitable leather overgloves for additional mechanical protection
- **ARC Flash: ASTM F2675 & IEC 61482-1-2 Box Tested**

Specifications:

- **Colour:** Red
- **Category:** RC
- **Material:** Natural Latex
- **Length:** 410 mm
- **Cuff Design:** Straight Cuff and Rolled Edge
- **Sizes:** Available in a range of sizes (8 to 12) to suit all users
- **Thickness:** 3.5 mm±10%
- **Packaging:** One pair per polybag

Applications:

- Electricity Generation, Transmission and Distribution, Railways, Telecommunications, Construction, Industrial maintenance, Batteries for hybrid and electric cars, etc.

Class 4

Product Series- KL - F - ARC

**Maximum Working Voltage
36000 V AC & 54000 V DC**

Arc Flash Protection

- ASTM F2675 - ATPV - 39 Cal/cm²
- IEC 61482-1-2 - Box Tested - APC-2

Performance Standards & Regulatory Compliance:



EN 60903:2003
IEC 60903:2014

CE 2777
UK CA 0321



ARC Tested - ASTM F2675



IEC - 61482-1-2 - Box tested

Electrical Gloves Classification:

According to applicable standards - EN 60903:2003 and IEC 60903:2014

Class	Max Use Voltage (AC)	Proof test Voltage (AC)	Withstand test voltage (AC)	Max Use Voltage (DC)
4	36000 V	40000 V	50000 V	54000 V

Ordering Codes and Sizing Information:

Straight Cuff :

Product Series	Class	Category	Length in mm	Size					
				7	8	9	10	11	12
KL-F ARC	Class 4	RC	410	-	DEA0010397 1241014-08	DEA0010352 1241014-09	DEA0010351 1241014-10	DEA0010470 1241014-11	DEA0010372 1241014-12

Rolled Cuff :

Product Series	Class	Category	Length in mm	Size					
				7	8	9	10	11	12
KL-F ARC	Class 4	RC	410	-	DEA0010417 2241014-08	DEA0010442 2241014-09	DEA0010376 2241014-10	DEA0010421 2241014-11	DEA0010393 2241014-12

In Services Recommendations:



Periodic Inspection and Electrical Re-testing:

It is essential that tests are done by a competent test facility. Only formally trained and qualified persons should perform periodic inspections and electrical re-testing.

No gloves should be issued for service unless it has been retested in the previous twelve months.

No gloves are to be used unless they have been tested within a maximum period of six months after being issued for service. The date of manufacture is the original test date.

The tests consist of air inflation to check for air leaks, a visual inspection while pressurized and then a di-electric test in accordance with the specified routine test of 5.6.2. of IEC 60903 Standards

National requirements with reference to periodic inspection and testing of class 00 and class 0 gloves may be considered adequate.



Storage prior to issue and between use:

Gloves shall be transported and stored in their original packaging. Care should be taken to ensure that gloves are not compressed, folded or stored in proximity to steam pipes, radiators or other sources of artificial heat or exposed to direct sunlight, artificial light or other sources of ozone. The ambient temperature should be between 10°C and 35°C.

Care Instructions:



Inspection:

Before each use, conduct a visual inspection and check the glove inflation. Any puncture or perforation makes the gloves unusable.



Precautions:

Do not expose to solvents or chemicals that may cause deterioration. Do not use the glove when damp.



Cleaning:

To clean gloves, wipe them with a damp cloth and let them air dry at room temperature. Avoid using sharp objects or harsh chemicals for cleaning.



Disposal:

Dispose of damaged or out-of-service gloves according to local regulations for proper disposal.

Certifications & Test Reports: Scan to QR Code

Enhance safety with Electrical Insulating Gloves featuring a front facing QR code for quick access to electronic test reports and detailed specifications. Convenient and efficient technology for optimal glove performance.

QR codes on gloves and polybags enable convenient access to Certificates, Test reports, Instruction Manuals, Product Data Sheet, Catalogue and more, enhancing information retrieval and user experience.



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Last Modification: 01/07/2023