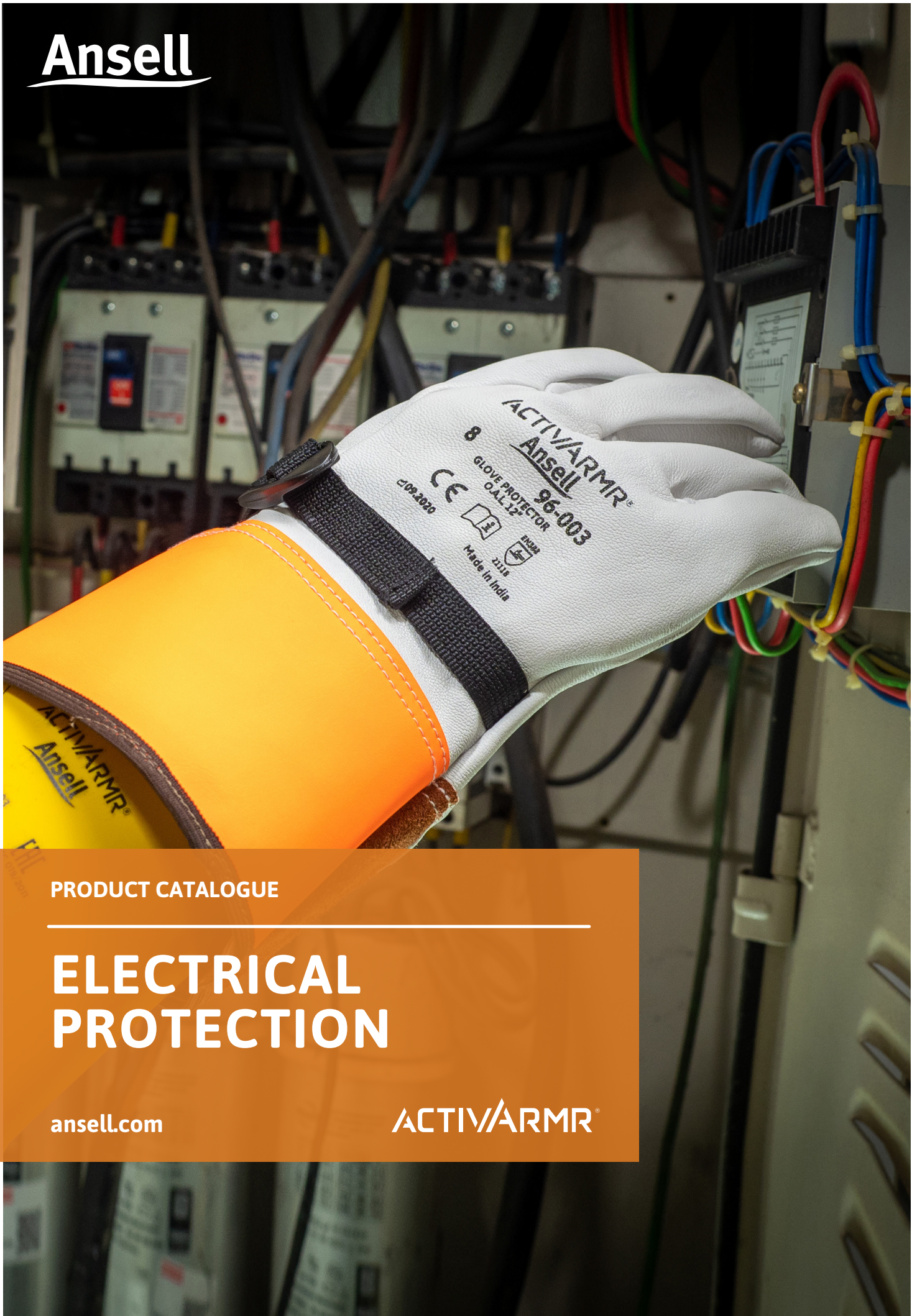


**Ansell**



PRODUCT CATALOGUE

# ELECTRICAL PROTECTION

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**ACTIVARMR**

## ACTIVARMR® ELECTRICAL GLOVES

ActivArm® Natural Rubber Electrical Insulating Gloves are designed to deliver ultimate comfort, performance, and safety. Ansell's Electrical Insulating Gloves are "better by design". They are made from natural rubber latex using a proprietary environmentally-friendly dipping process for ultimate flexibility and dexterity. Their ergonomic shape provides a natural hand-at-rest feel and non-splayed fingers reduce hand fatigue. The design also features a smooth-finish for easy donning and doffing.

Our manufacturing facility adheres to 2 global accreditation standards which include EN6093 for Europe and ASTM D120 for America to ensure the worker has the safest glove for the job.

ActivArm® Electrical Insulating Gloves provide safety, comfort and performance in challenging environments where protection against electricity is of utmost importance.

## FEATURES AND BENEFITS

- Manufactured using proprietary natural rubber process in our ISO 9001 and ISO 14001 world-class manufacturing facility
- Electrical Glove Class 00 yellow offers arc flash protection Class 1 in accordance with EN 61482-1-2<sup>1</sup>
- Electrical Glove Class 0 yellow offers arc flash protection Class 1 in accordance with EN 61482-1-2<sup>1</sup>
- Electrical Glove Class 2 yellow offers arc flash protection Class 2 in accordance with EN 61482-1-2<sup>1</sup>
- Certified for resistance to acid (Category A), to Ozone (Category Z), as well as resistance to very low temperatures (Category C)
- Rolled cuff, anatomically shaped and chlorinated for maximum comfort

## DIFFERENT CLASSES

When choosing the right glove, it is important to determine the maximum voltage to which the worker will be exposed, then choose a class of glove rated at or above that voltage.



### LOW VOLTAGE

Class 00 and 0

- **Class 00**, Maximum Voltage Use AC DC: 500V ac | 750V dc
- **Class 0**, Maximum Voltage Use AC DC: 1000V ac | 1500V dc
- Available in yellow, red and black. In choice of classes and lengths



### HIGH VOLTAGE

Class 1, 2, 3 and 4

- **Class 1**, Maximum Voltage Use AC DC: 7500V ac | 11250V dc
- **Class 2**, Maximum Voltage Use AC DC: 17000V ac | 25500V dc
- **Class 3**, Maximum Voltage Use AC DC: 26500V ac | 39750V dc
- **Class 4**, Maximum Voltage Use AC DC: 36000V ac | 54000V dc
- Available in yellow, red and black. In choice of classes and lengths

## IN-SERVICE CARE OF INDUSTRIAL RUBBER INSULATING GLOVES

To ensure gloves are fit for use they must be maintained per EN 60903: 2003 (category: A/Z/C and R/C). Glove users should conduct daily visual inspections. The interval between date of issue and re-tests should not exceed 6 months

### IEC EN60903 Re-Testing example:

No gloves of classes 1, 2, 3 and 4, not even those held in storage, should be used unless they have been tested within a maximum period of six months. The tests consist of air inflation to check for air leaks, a visual inspection while pressurized, and then a routine dielectric test in accordance with 8.4.2.1 and 8.4.3.1 and 10.3 for the long composite glove. For class 00 and class 0 gloves, a check for air leaks and a visual inspection may be considered adequate. However, a routine dielectric test may be performed at the owner's request. (It is not compulsory to perform electrical proof test (dielectric test) and visual inspection is still required before use.

### ASTM D120 Regulations for Re-Testing example:

Gloves with an original manufacturing test date of 01 Jan 2021 can be stored in full electrical compliance until 31 Dec 2021 and may be issued for use at any time within that 12 month period. If the gloves are issued for use at any time in the first year from the date of the original manufacturer's test, the user has a maximum of 6 months in service to remain compliant within the standard. Any unissued gloves that have not been tested within 12 months of the original manufacturing test date must be retested before issue.

<sup>1</sup> For electrical gloves non mandatory standard, test cell adapted for gloves: EN 61482-1-2: LIVE WORKING - PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC - Part 1-2: Test methods - Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (box test)

ACTIVARMR®

RIG0011B/ RIG0011R/ RIG0011Y

CLASS 00

Glove Size	7-12
Glove Length	11" (279.4 mm)
Glove Colour	Black, Red, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 356 X L: 363 X W: 399 (mm)



RIG0011B



RIG0011R



RIG0011Y

ACTIVARMR®

RIG0014B/ RIG0014Y

CLASS 00

Glove Size	7-12
Glove Length	14" (355.6 mm)
Glove Colour	Black, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 356 X L: 363 X W: 399 (mm)



RIG0014B



RIG0014Y

ACTIVARMR®

RIG011B/ RIG011R/ RIG011Y

CLASS 0

Glove Size	7-12
Glove Length	11" (279.4 mm)
Glove Colour	Black, Red, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 356 X L: 363 X W: 399 (mm)



RIG011B



RIG011R



RIG011Y

ACTIVARMR®

RIG014B/ RIG014R/ RIG014Y

CLASS 0

Glove Size	7-12
Glove Length	14" (279.4 mm)
Glove Colour	Black, Red, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 356 X L: 403 X W: 399 (mm)



RIG014B



RIG014R



RIG014Y

ACTIVARMR®

RIG114B/ RIG114Y

CLASS 1

Glove Size	8-12
Glove Length	14" (355.6 mm)
Glove Colour	Black, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 356 X L: 403 X W: 399 (mm)



RIG114B



RIG114Y

ACTIVARMR®

RIG116B/ RIG116Y

CLASS 1

Glove Size	8-12
Glove Length	16" (406.4 mm)
Glove Colour	Black, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 551 X L: 505 X W: 399 (mm)



RIG116B



RIG116Y

ACTIVARMR®

RIG214B/ RIG214R/ RIG214Y

CLASS 2

Glove Size	8-12
Glove Length	14" (355.6 mm)
Glove Colour	Black, Red, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 356 X L: 403 X W: 399 (mm)



RIG214B



RIG214R



RIG214Y

ACTIVARMR®

RIG216B/ RIG216Y

CLASS 2

Glove Size	8-12
Glove Length	16" (406.4 mm)
Glove Colour	Black, Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 551 X L: 505 X B: 399 (mm)



RIG216B



RIG216Y

ACTIVARMR®

RIG316B

CLASS 3

Glove Size	8-12
Glove Length	16" (406.4 mm)
Glove Colour	Black
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 551 X L: 505 X B:399 (mm)



RIG316B

ACTIVARMR®

RIG418B

CLASS 4

Glove Size	9-12
Glove Length	18" (457.2 mm)
Glove Colour	Black
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 551 X L: 505 X B:399 (mm)



RIG418B

It is important that ActivArm® Industrial leather protector gloves be worn over Electrical Insulating Gloves to meet OSHA and ASTM standards to provide protection against cuts abrasions and punctures caused by contact with electrical components. ActivArm® Industrial leather gloves are available in full sizes from 7-12 for LV and 8-12 HV leather covers are perfectly matched to the shape of our Rubber Insulating Gloves.





## INDUSTRIES

- Automotive
- Electrical & Electronic Manufacturing
- Heavy Machinery & Equipment
- Military & First Responders
- Transportation
- Telecommunication
- Utilities

## APPLICATIONS

- Applications with risk of touch voltage AC  $\geq$  50 V 1
- Electrical contractors
- Hybrid engine manufacturing and repair
- Maintenance repairs and operations in all industrial environments (MRO)
- Mass transit repair and maintenance
- Power maintenance, repair & transmission
- Telecom repair near electrical wires

### Disclaimer

No statement made by or on behalf of Ansell in this product guide is a warranty that any ActivArmr® Industrial product is fit for a particular purpose and neither Ansell nor its owners and subsidiaries shall be liable to anyone with respect to information contained herein. Any use of this information is at the user's risk. Ansell recommends that users carefully evaluate the accuracy, completeness and relevance of the products for their purposes. Rubber Insulating Gloves contain natural latex, which may cause allergic reactions in some individuals.

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## PERFORMANCE PROFILE

### Comfort

- 100% natural rubber latex for ultimate durability and flexibility
- Ergonomically friendly hand-at-rest shape and non-splayed fingers for less hand fatigue
- Generous flared cuff allows room for clothing
- Case-hardened finish provides smoother surface for easy donning and doffing

### Performance and Protection

- EN 60903: 2003 (category: A/Z/C and R/C)
-  0086

### Environmentally-Friendly

- Proprietary dipping process
- ISO 14001 certified manufacturing facility