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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 61482-1-2¹
- Electrical Glove Class 0 yellow offers arc flash protection Class 1 in accordance with EN 61482-1-2¹
- 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 six 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 2023 can be stored in full electrical compliance until 31 Dec 2023 and may be issued for use at any time within that twelve 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 six months in service to remain compliant within the standard. Any unissued gloves that have not been tested within twelve months of the original manufacturing test date must be retested before issue.

¹ 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®

R001BUL

CLASS 00

Glove Size	7-10
Glove Length	11" (279.4 mm)
Glove Colour	Black
Packaging Configuration	Case/ Shipper = 10 pairs Box/ Inner = 1 pair
Packaging Dimension	H: 357 X L: 400 X W: 313 (mm)



R001BUL

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/ RIG014YBSC

CLASS 0

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



RIG014B



RIG014R



RIG014Y



RIG014YBSC

ACTIVARMR®

RIG114B/ RIG114Y/ RIG114YBSC

CLASS 1

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



RIG114B



RIG114Y



RIG114YBSC

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/ RIG216YBSC/ RIG216YBBC

CLASS 2

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



RIG216B



RIG216Y



RIG216YBSC



RIG216YBBC

ACTIVARMR®

RIG218YBCC

CLASS 2

Glove Size	8-12
Glove Length	18" (457.2 mm)
Glove Colour	Bi-color Black/Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 551 X L: 505 X B: 399 (mm)



RIG218YBCC

ACTIVARMR®

RIG316B/ RIG316YBSC/ RIG316YBBC

CLASS 3

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



RIG316B



RIG316YBSC



RIG316YBBC

ACTIVARMR®

RIG318YBCC

CLASS 3

Glove Size	8-12
Glove Length	18" (457.2 mm)
Glove Colour	Bi-color Black/Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 551 X L: 505 X B: 399 (mm)



RIG318YBCC

ACTIVARMR®

RIG418B/ RIG418YBSC/ RIG418YBBC/ RIG418YBCC

CLASS 4

Glove Size	8-12
Glove Length	18" (457.2 mm)
Glove Colour	Black, Bi-color Black/Yellow
Packaging Configuration	1CS=2 Pieces/ 2 Pieces=1 Pair
Packaging Dimension	H: 551 X L: 505 X B: 399 (mm)



RIG418B



RIG418YBSC



RIG418YBBC



RIG418YBCC

ACTIVARMR® BI-COLOR ELECTRICAL GLOVES

We offer a comprehensive line of rubber insulated gloves under ActivArmr brand. In addition to our single-color range, we also offer a bi-color range. The contrast between the outer black color against the inner yellow color makes inspecting for cuts and tears easier when the glove is inflated or stretched.

ACTIVARMR® BI-COLOR RANGE

Comfort

Ergonomically designed to promote increased productivity

Flexibility

Reducing hand fatigue avoiding cramping

Protection

Offering additional protection with the double color layer

Quality

High dexterity while maintaining quality



MATERIAL AND CONSTRUCTION

Material: Natural Rubber Latex

Dip: Full coated

Type: Type I (Not Resistant to Ozone)

Colour(s): Black/Yellow & Black/Red

Length: 14", 16" & 18"

Cuff Style: Straight, Bell & Contour

Sizes: 8-12 (1/2 sizes available)

PERFORMANCE STANDARD



ASTM INTERNATIONAL
ASTM D120



EN60903:2003

10	ACTIVARMR® Ansell ANSI/ASTM D120 CLASS 00 TYPE1 MAX USE VOLT 550V AC	10	ACTIVARMR® Ansell ANSI/ASTM D120 CLASS 2 TYPE1 MAX USE VOLT 13000V AC
10	ACTIVARMR® Ansell ANSI/ASTM D120 CLASS 0 TYPE1 MAX USE VOLT 550V AC	10	ACTIVARMR® Ansell ANSI/ASTM D120 CLASS 3 TYPE1 MAX USE VOLT 26500V AC
10	ACTIVARMR® Ansell ANSI/ASTM D120 CLASS 3 TYPE1 MAX USE VOLT 7500V AC	10	ACTIVARMR® Ansell ANSI/ASTM D120 CLASS 4 TYPE1 MAX USE VOLT 36000V AC

APPLICATIONS

- Electrical Vehicle Battery Assembly & Manufacturing line
- First Responders
- Infrastructure
- Production services
- Transport & Logistics
- Electric Power
- Power Grids
- Smart Energy

INDUSTRIES

- Electric/Hybrid Automobile
- Manufacturing
- Battery and Servicing facilities
- Public utilities

Maximum Use of Voltage AC/DC

Class	AC	DC
0	1000	1500
1	7500	11250
2	17000	25500
3	26500	39750
4	36000	54000

SEGMENTATION MATRIX

Light	Medium	Heavy
Good	Better	Best

EXTRA INFORMATION



Charging
Station



Shock
Protection



Battery
Manufacturing

ELECTRICAL INSULATED GLOVE CUFF STYLES

Straight Cuff

Wide opening to maximize air flow & comfort in warm weather



Contour Cuff

Allows to be worn long to cover the users elbows while allowing bending at the inner to avoid bunching up of the rubber



Bell Cuff

Accommodates thicker winter clothing in colder climates, greater air flow in warmer weather



ELECTRICAL PROTECTION

LEATHER PROTECTOR GLOVES

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 and half 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

- 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

MARTIN 

Contact your Martin Sales
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