



**Selection Guide**

---

**ELECTRICAL  
GLOVE RANGE**





# PROVIDING INSULATION AGAINST SHOCKS AND ELECTRICAL DAMAGE

The Globus Group range of dielectric resistant gloves are ideal for the handling of electrical components in electrical engineering and for other electrical applications, ideal for providing insulation against shocks and electrical damage.

## ENVIRONMENTALLY FRIENDLY



Unlike other industrial processes, our range of electrical gloves are manufactured with a **water-based technology**, without the use of solvents.

This technology, combined with the use of natural materials, provides assurance of **greater concern for the environment**.



Dipping process



Made in **EUROPE**

## QUALITY ASSURANCE

The onsite laboratory integrated into the manufacturing site allows tests to be carried out according to applicable **EN 60903** and **IEC 60903** standards.

The quality approach with visual and dielectric inspection of 100% of the production offers users the **guarantee of conformity**.

## MARKET SEGMENTS

The Electrical resistant glove range are ideal for a large range of **industry-specific** market segments:



Electricity Generation



Electric Power Transmission



Distribution Public Lighting



Industrial Applications



Electric Traction



Civil Protection



Electric Cars



# FIND THE RIGHT GLOVES

We offer **three types** of glove with different levels of protection:



## Natural rubber gloves

Offer electrical insulation only. To be used in conjunction with leather overgloves.



## Composite gloves

Offers 2-in-1 protection with electrical insulation and mechanical protection.



## Arc flash gloves

Offers 3-in-1 protection with electrical insulation, mechanical and arc flash protection.

## ADDITIONAL PROTECTION

Special properties may be useful for providing additional protection during electrical work:

A (acid), H (oil), Z (ozone), R (A + H + Z), C (very low temperature); most of our gloves belong to the RC category.

| Category              | Resistance to        |
|-----------------------|----------------------|
| A                     | Acid                 |
| H                     | Oil                  |
| Z                     | Ozone                |
| R                     | Acid, Oil, Ozone     |
| C                     | Very low temperature |
| Mechanical protection |                      |

**Note 1:** The R category combines the characteristics of categories A, H and Z

**Note 2:** Any combination of categories may be used

## PERIODIC TESTING

The range of electrical insulating gloves has no expiry date and can be used as long as they pass periodic inspections.

We recommend testing gloves in service every 6 months and gloves in stock every 12 months; the recommended method of testing is visual inspection and dielectric testing. More information can be found in user instructions.

## SIZING

It's very important to choose the right size in order to get the highest dexterity. Many sizes are available (6 to 12 depending on the class). Standard lengths are 28 cm, 36 cm and 41 cm.

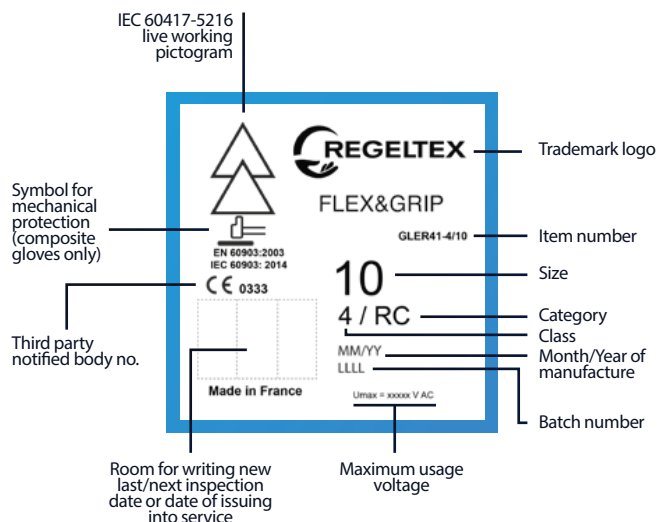
## RECOMMENDATIONS BEFORE USE

Full visual inspection of each glove prior to donning is required. Use a manual air pressure device for testing the glove by inflating it and thus detecting any defects, checks completed by a trained person. If a glove is defective, both gloves in the pair must not be used.

## GENERAL INFORMATION

According to applicable standards EN 60903 and IEC 60903

| Class | Voltage Recommended AC (max) | Voltage Recommended DC (max) |
|-------|------------------------------|------------------------------|
| 00    | 500 V                        | 750 V                        |
| 0     | 1000 V                       | 1500 V                       |
| 1     | 7500 V                       | 11,250 V                     |
| 2     | 17,000 V                     | 25,500 V                     |
| 3     | 26,500 V                     | 39,750 V                     |
| 4     | 36,000 V                     | 54,500 V                     |





# ELECTROVOLT

NATURAL RUBBER INSULATING GLOVES



Insulating rubber gloves are available in all classes, many sizes, different lengths and colours.

Leather protectors are recommended to be worn over Electrovolt gloves to ensure mechanical protection (local regulations, work practices and risk analysis apply).

## KEY FEATURES

- The natural rubber provides high dielectric protection.
- The ergonomic shape and lightly powdered interior make the Electrovolt gloves easy for donning and doffing.

## CERTIFICATION

CAT III

**CE 0333**Reg. EU  
2016/425

IEC 60903:2014

EN 60903:2003  
IEC 60903:2014

| Class | Category | Thickness (mm) | Proof test voltage (V)/ AC | Max operating voltage (V) / AC |
|-------|----------|----------------|----------------------------|--------------------------------|
| 00    | AZC      | <1.1           | 2500                       | 500                            |
| 0     | AZC*     | <1.6           | 5000                       | 1000                           |
| 1     | RC       | <2.1           | 10000                      | 7500                           |
| 2     | RC       | <2.9           | 20000                      | 17000                          |
| 3     | RC       | <3.5           | 30000                      | 26500                          |
| 4     | RC       | <4.2           | 40000                      | 36000                          |

\*RC version available on request

| Class | Length (CM) | Size                       |                            |                            |                            |                             |                             |                             |
|-------|-------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|
|       |             | 6                          | 7                          | 8                          | 9                          | 10                          | 11                          | 12                          |
| 00    | 36          | RGG00014JB<br>(GLE36-00/6) | RGG00014JD<br>(GLE36-00/7) | RGG00014JF<br>(GLE36-00/8) | RGG00014JH<br>(GLE36-00/9) | RGG00014JJ<br>(GLE36-00/10) | RGG00014JL<br>(GLE36-00/11) | RGG00014JN<br>(GLE36-00/12) |
| 0     | 36          | RGG00015JB<br>(GLE36-0/6)  | RGG00015JD<br>(GLE36-0/7)  | RGG00015JF<br>(GLE36-0/8)  | RGG00015JH<br>(GLE36-0/9)  | RGG00015JJ<br>(GLE36-0/10)  | RGG00015JL<br>(GLE36-0/11)  | RGG00015JN<br>(GLE36-0/12)  |
|       | 41          | RGG00019JB<br>(GLE41-0/6)  | RGG00019JD<br>(GLE41-0/7)  | RGG00019JF<br>(GLE41-0/8)  | RGG00019JH<br>(GLE41-0/9)  | RGG00019JJ<br>(GLE41-0/10)  | RGG00019JL<br>(GLE41-0/11)  | RGG00019JN<br>(GLE41-0/12)  |
| 1     | 36          | RGG00016JB<br>(GLE36-1/6)  | RGG00016JD<br>(GLE36-1/7)  | RGG00016JF<br>(GLE36-1/8)  | RGG00016JH<br>(GLE36-1/9)  | RGG00016JJ<br>(GLE36-1/10)  | RGG00016JL<br>(GLE36-1/11)  | RGG00016JN<br>(GLE36-1/12)  |
|       | 41          | -                          | RGG00020JD<br>(GLE41-1/7)  | RGG00020JF<br>(GLE41-1/8)  | RGG00020JH<br>(GLE41-1/9)  | RGG00020JJ<br>(GLE41-1/10)  | RGG00020JL<br>(GLE41-1/11)  | RGG00020JN<br>(GLE41-1/12)  |
| 2     | 36          | -                          | RGG00017JD<br>(GLE36-2/7)  | RGG00017JF<br>(GLE36-2/8)  | RGG00017JH<br>(GLE36-2/9)  | RGG00017JJ<br>(GLE36-2/10)  | RGG00017JL<br>(GLE36-2/11)  | RGG00017JN<br>(GLE36-2/12)  |
|       | 41          | -                          | RGG00021JD<br>(GLE41-2/7)  | RGG00021JF<br>(GLE41-2/8)  | RGG00021JH<br>(GLE41-2/9)  | RGG00021JJ<br>(GLE41-2/10)  | RGG00021JL<br>(GLE41-2/11)  | RGG00021JN<br>(GLE41-2/12)  |
| 3     | 36          | -                          | -                          | RGG00018JF<br>(GLE36-3/8)  | RGG00018JH<br>(GLE36-3/9)  | RGG00018JJ<br>(GLE36-3/10)  | RGG00018JL<br>(GLE36-3/11)  | RGG00018JN<br>(GLE36-3/12)  |
|       | 41          | -                          | -                          | RGG00022JF<br>(GLE41-3/8)  | RGG00022JH<br>(GLE41-3/9)  | RGG00022JJ<br>(GLE41-3/10)  | RGG00022JL<br>(GLE41-3/11)  | RGG00022JN<br>(GLE41-3/12)  |
| 4     | 36          | -                          | -                          | RGG00023JF<br>(GLE41-4/8)  | RGG00023JH<br>(GLE41-4/9)  | RGG00023JJ<br>(GLE41-4/10)  | RGG00023JL<br>(GLE41-4/11)  | RGG00023JN<br>(GLE41-4/12)  |
|       | 41          | -                          | -                          | -                          | -                          | -                           | -                           | -                           |

RGG00014JB = Ordering code | GLE36-00/6 = Manufacturer code (written on the glove)



# FLEX & GRIP

COMPOSITE INSULATING GLOVES



Bicolor composite gloves available in all classes, many sizes, different lengths. Integrated mechanical protection: no need of leather protector.

## KEY FEATURES

- Insulating 2-in-1 gloves: dielectric and mechanical protection.
- Bicolor: it makes the visual inspection easier.
- The unique formulation of the rubber compound makes Flex & Grip gloves extremely flexible.
- Each pair of composite gloves is supplied with one pair of cotton fingerless under gloves to improve comfort; it's recommended to replace regularly the cotton gloves for hygienic reasons.

## CERTIFICATION

CAT III

CE 0333

Reg. EU  
2016/425

IEC 60903:2014

IEC



EN 60903:2003  
IEC 60903:2014



| Class | Category | Thickness (mm) | Proof test voltage (V) / AC | Max operating voltage (V) / AC |
|-------|----------|----------------|-----------------------------|--------------------------------|
| 00*   | RC       | <2.4           | 2500                        | 500                            |
| 0     |          | <2.9           | 5000                        | 1000                           |
| 1     |          | <3.4           | 10000                       | 7500                           |
| 2     |          | <3.9           | 20000                       | 17000                          |
| 3     |          | <4.2           | 30000                       | 26500                          |
| 4     |          | <4.8           | 40000                       | 36000                          |

\* On request

| Class | Length (CM) | Size                      |                           |                           |                           |                            |                            |                            |
|-------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
|       |             | 6                         | 7                         | 8                         | 9                         | 10                         | 11                         | 12                         |
| 0     | 41          | RGG00007GB<br>(GICN-BT/6) | RGG00007GD<br>(GICN-BT/7) | RGG00007GF<br>(GICN-BT/8) | RGG00007GH<br>(GICN-BT/9) | RGG00007GJ<br>(GICN-BT/10) | RGG00007GL<br>(GICN-BT/11) | RGG00007GN<br>(GICN-BT/12) |
| 1     | 41          | -                         | RGG00008GD<br>(GICN-1/7)  | RGG00008GF<br>(GICN-1/8)  | RGG00008GH<br>(GICN-1/9)  | RGG00008GJ<br>(GICN-1/10)  | RGG00008GL<br>(GICN-1/11)  | RGG00008GN<br>(GICN-1/12)  |
| 2     | 41          | -                         | RGG00009GD<br>(GICN-2/7)  | RGG00009GF<br>(GICN-2/8)  | RGG00009GH<br>(GICN-2/9)  | RGG00009GJ<br>(GICN-2/10)  | RGG00009GL<br>(GICN-2/11)  | RGG00009GN<br>(GICN-2/12)  |
| 3     | 41          | -                         | -                         | RGG00010GF<br>(GICN-3/8)  | RGG00010GH<br>(GICN-3/9)  | RGG00010GJ<br>(GICN-3/10)  | RGG00010GL<br>(GICN-3/11)  | RGG00010GN<br>(GICN-3/12)  |
| 4     | 41          | -                         | -                         | RGG00011GF<br>(GICN-4/8)  | RGG00011GH<br>(GICN-4/9)  | RGG00011GJ<br>(GICN-4/10)  | RGG00011GL<br>(GICN-4/11)  | RGG00011GN<br>(GICN-4/12)  |

Class 00 available on demand | RGG00007GB = Ordering code | (GICN-BT/6) = Manufacturer code (written on the glove)



# FLASH & GRIP

COMPOSITE AND ARC FLASH GLOVES



Bicolor composite gloves are available in many sizes and different lengths. Integrated mechanical protection: no need for leather protector. Arc flash rated by a third party notified body: box test and ATPV.

## KEY FEATURES

- Insulating 3-in-1 gloves: dielectric, mechanical and arc flash protection.
- The unique formulation of the rubber compound makes Flash & Grip gloves extremely flexible.
- Bicolor: it makes the visual inspection easier.
- Each pair of composite gloves is supplied with one pair of cotton fingerless under gloves to improve comfort; it's recommended to regularly replace the cotton gloves for hygienic reasons.

## CERTIFICATION



| Class | Category | Thickness (mm) | Proof test voltage (V) / AC | Max operating voltage (V) / AC | IEC 61482-1-2           | ATPV (cal / cm <sup>2</sup> ) ASTM F2675 |
|-------|----------|----------------|-----------------------------|--------------------------------|-------------------------|--|
| 00    | RC       | <2.4           | 2500                        | 500                            | Class 2<br>(0.5s – 7kA) | 26.3 cal / cm <sup>2</sup>               |
| 0     |          | <2.9           | 5000                        | 1000                           |                         | 71.6 cal / cm <sup>2</sup>               |
| 1     |          | <3.4           | 10000                       | 7500                           |                         | 42.2 cal / cm <sup>2</sup>               |
| 2     |          | <3.9           | 20000                       | 17000                          |                         | 74.5 cal / cm <sup>2</sup>               |
| 3     |          | <4.2           | 30000                       | 26500                          |                         | 73.2 cal / cm <sup>2</sup>               |
| 4     |          | <4.8           | 40000                       | 36000                          |                         | 87.7 cal / cm <sup>2</sup>               |

\* RC version available on demand

| Class | Length (CM) | Size                      |                           |                           |                           |                            |                            |                            |
|-------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
|       |             | 6                         | 7                         | 8                         | 9                         | 10                         | 11                         | 12                         |
| 00    | 36          | RG00001GB<br>(AFG36-00/6) | RG00001GD<br>(AFG36-00/7) | RG00001GF<br>(AFG36-00/8) | RG00001GH<br>(AFG36-00/9) | RG00001GJ<br>(AFG36-00/10) | RG00001GL<br>(AFG36-00/11) | RG00001GN<br>(AFG36-00/12) |
| 0     | 41          | RG00002GB<br>(AFG41-0/6)  | RG00002GD<br>(AFG41-0/7)  | RG00002GF<br>(AFG41-0/8)  | RG00002GH<br>(AFG41-0/9)  | RG00002GJ<br>(AFG41-0/10)  | RG00002GL<br>(AFG41-0/11)  | RG00002GN<br>(AFG41-0/12)  |
| 1     | 41          | -                         | RG00003GD<br>(AFG41-1/7)  | RG00003GF<br>(AFG41-1/8)  | RG00003GH<br>(AFG41-1/9)  | RG00004GJ<br>(AFG41-2/10)  | RG00003GL<br>(AFG41-1/11)  | RG00003GN<br>(AFG41-1/12)  |
| 2     | 41          | -                         | RG00004GD<br>(AFG41-2/7)  | RG00004GF<br>(AFG41-2/8)  | RG00004GH<br>(AFG41-2/9)  | RG00004GJ<br>(AFG41-2/10)  | RG00004GL<br>(AFG41-2/11)  | RG00004GN<br>(AFG41-2/12)  |
| 3     | 41          | -                         | -                         | RG00005GF<br>(AFG41-3/8)  | RG00005GH<br>(AFG41-3/9)  | RG00005GJ<br>(AFG41-3/10)  | RG00005GL<br>(AFG41-3/11)  | RG00005GN<br>(AFG41-3/12)  |
| 4     | 41          | -                         | -                         | RG00006GF<br>(AFG41-4/8)  | RG00006GH<br>(AFG41-4/9)  | RG00006GJ<br>(AFG41-4/10)  | RG00006GL<br>(AFG41-4/11)  | RG00006GN<br>(AFG41-4/12)  |

RG00001GB = Ordering code | (AFG36-00/6) = Manufacturer code (written on the glove)



# LEATHER PROTECTORS

COWHIDE GRAIN LEATHER GLOVES

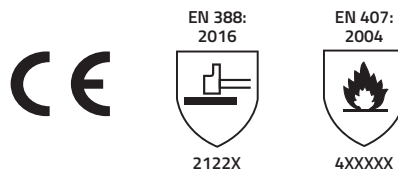
Cowhide grain leather gloves with split leather cuff, adjustable straps designed to perfectly fit over the Electrovolt gloves. Leather protectors are recommended to be worn over insulating rubber gloves to ensure mechanical protection (local regulations, work practices and risk analysis apply).



## KEY FEATURES

- Specifically designed to fit over the Electrovolt gloves in order to ensure a good level of dexterity
- Water repellent and silicone treated to provide an increased flame resistance

## CERTIFICATION



| Class (Electrovolt) | Length (CM)     | Size       |            |            |            |            |            |            |
|---------------------|-----------------|------------|------------|------------|------------|------------|------------|------------|
|                     |                 | 6          | 7          | 8          | 9          | 10         | 11         | 12         |
| 00                  | 28-35 (+/- 1cm) | RGG00025JB | RGG00025JB | RGG00025JD | RGG00025JD | RGG00025JF | RGG00025JH | RGG00025JJ |
| 0                   |                 | RGG00025JB | RGG00025JB | RGG00025JD | RGG00025JD | RGG00025JF | RGG00025JH | RGG00025JJ |
| 1                   |                 | -          | RGG00025JD | RGG00025JF | RGG00025JF | RGG00025JH | RGG00025JJ | RGG00025JL |
| 2                   |                 | -          | RGG00025JD | RGG00025JF | RGG00025JF | RGG00025JJ | RGG00025JL | RGG00025JN |
| 3                   |                 | -          | -          | RGG00025JJ | RGG00025JJ | RGG00025JL | RGG00025JN | RGG00025JN |
| 4                   |                 | -          | -          | RGG00025JJ | RGG00025JJ | RGG00025JL | RGG00025JN | RGG00025JN |

Table of equivalency between overgloves and electrician rubber gloves sizes

## PACKING

Bundle of 10 pairs in a size with a user instruction sheet.



# ACCESSORIES

ELECTRICAL GLOVE RANGE ACCESSORIES



## GLOVE BOX

**RGG00031GZ**

Plastic box for class 00 to 4 insulating gloves, leather over gloves and talc container. With pre-drilled holes for fastening to the wall.

Dimensions: 50 x 25 x 10 cm.

Also available with a talc container.

**RGG00032GZ**



## LEATHER PROTECTORS

**SEE CODES: P7**

Cowhide grain leather gloves with split leather cuff, adjustable straps designed to perfectly fit over the Electrovolt gloves. Leather protectors are recommended to be worn over insulating rubber gloves to ensure mechanical protection (local regulations, work practices and risk analysis apply).



## RUBBER CLEANER

**RGG00034AZ**

750 ml spray bottle. Developed specifically to clean rubber and remove dirt and dust. Wiping with microfibre cloth or single-use cloth recommended.

Also available in boxes of 16 bottles.

**RGG00035AZ**



## TALCUM LUZENAC 2

**RGG00028AZ**

Luzenac talc container, 100 ml. Recommended to increase the comfort in use of insulating rubber gloves. Makes donning and doffing easier.



## PNEUMATIC TESTER

**RGG00026AZ**

Air inflator. Recommended for field inspection before/after each use, and also for periodic visual inspection. It makes it possible to check the whole surface of a glove, including the cuff.



## CARRYING BAG

**RGG00027BZ**

Fabric reinforced with waterproof PVC. Has a hook and an internal pocket for talc container.

Dimensions: 45 x 18 x 7cm



## FABRIC STORAGE BAG

**RGG00033GZ**

Storage and transport bag for long gloves. Carry handles, two inner pockets for documents and maintenance kit.

Dimensions: 81 x 26cm



## COTTON UNDER GLOVES

**RGG00033GZ**

Seamless knit cotton fingerless gloves. Can be used under insulating rubber gloves for greater comfort (mainly perspiration absorption).

A 5 fingers version is also available.

**RGG00029JZ**

# HAND SIZE GUIDE

MEASURE YOUR GLOVE SIZE:

Go round your hand with measuring tape, leaving out the thumb (see drawing).

Close the hand without excessive clenching and take the measurement.

Copy the measurements to the conversion table below.

| Recommended size      | 6  | 7  | 8  | 9  | 10 | 11 | 12 |
|-----------------------|----|----|----|----|----|----|----|
| Hand measurement (cm) | 14 | 16 | 18 | 21 | 24 | 26 | 28 |

