SELECTION GUIDE
INSULATING GLOVES
OUR RANGE OF INSULATING GLOVES FOR ELECTRICAL WORK IS MANUFACTURED IN FRANCE IN A PLANT WITH ISO 9001:2015 CERTIFICATION. CONTROL OVER THE ENTIRE MANUFACTURING OPERATION GUARANTEES VERY HIGH QUALITY STANDARDS.

Unlike other industrial processes, our gloves are manufactured with a water based technology, without the use of solvents. Our technology, combined with the use of natural materials, provides assurance of greater concern for the environment.

Our quality assurance laboratory is integrated into our production site and allows us to carry out all the tests 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

- Electricity generation
- Electric power transmission
- Distribution public lighting
- Industrial applications
- Electric traction
- Civil protection
- Electric cars
**GENERAL INFORMATION**

According to applicable standards EN 60903 and IEC 60903

<table>
<thead>
<tr>
<th>Class</th>
<th>VOLTAGE RECOMMENDED AC (MAX)</th>
<th>VOLTAGE RECOMMENDED DC (MAX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>500 V</td>
<td>750 V</td>
</tr>
<tr>
<td>0</td>
<td>1000 V</td>
<td>1500 V</td>
</tr>
<tr>
<td>1</td>
<td>7500 V</td>
<td>11,250 V</td>
</tr>
<tr>
<td>2</td>
<td>17,000 V</td>
<td>25,500 V</td>
</tr>
<tr>
<td>3</td>
<td>26,500 V</td>
<td>39,750 V</td>
</tr>
<tr>
<td>4</td>
<td>36,000 V</td>
<td>54,000 V</td>
</tr>
</tbody>
</table>

**MEANING OF THE MARKING ON EACH GLOVE**

Example of a composite glove, with the ‘hammer’ pictogram in addition.

**Special properties**

<table>
<thead>
<tr>
<th>Category</th>
<th>Resistance to</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Acid</td>
</tr>
<tr>
<td>H</td>
<td>Oil</td>
</tr>
<tr>
<td>Z</td>
<td>Ozone</td>
</tr>
<tr>
<td>R</td>
<td>Acid, Oil, Ozone</td>
</tr>
<tr>
<td>C</td>
<td>Very low temperature</td>
</tr>
</tbody>
</table>

**MEANING OF ITEM NUMBERS**

Beige latex gloves  
Class 4  
Length 41 cm  
Size 10  
GLB4-41-10

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**Finding the gloves you need**

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

- Gloves with electrical protection only (to be used in conjunction with over gloves for mechanical protection).
- Gloves with integrated electrical and mechanical protection (two in one).
- Gloves with integrated electrical and mechanical protection, plus arc protection (three in one).

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.

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), so to let gloves suitable for ladies or big mens. Standard lengths are 28 cm, 36 cm and 41 cm.

**Inspection**

**• Periodic**

Our insulating gloves have no expiry date and can be used as long as they pass periodic inspections.

We recommend testing gloves in service every six months and gloves in stock every 12 months; the recommended method of testing is visual inspection and dielectric testing. More informations are available on the instructions for use.

**• Recommendations before use**

Full visual inspection of each glove. Use a manual air pressure device for testing the glove by inflating it and thus detecting any defects.

If a glove is defective, both the gloves of the pair must be rejected from use and checked by a trained person.
ELECTROVOLT
INSULATING GLOVES
EN 60903 AND IEC 60903

USE:
• Electrical insulation depending on the class
• Recommended to be used in conjunction with leather over gloves for mechanical protection

SPECIFICATIONS:
• Insulating natural rubber gloves, cut edges

Large number of sizes available, from 6 to 12 depending on the class
The ergonomic shape of the glove and its slightly powdered interior makes it easy the donning and doffing
The natural rubber provides dielectric properties, while our technique and expertise allow us to make gloves as thin as possible in order to offer the maximum level of dexterity to the users.

<table>
<thead>
<tr>
<th>Item no (size to be added)</th>
<th>Class</th>
<th>Max. usage voltage</th>
<th>Length</th>
<th>Available sizes</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLB00-36-*</td>
<td>00</td>
<td>500 VAC</td>
<td>36 cm</td>
<td>6-12</td>
<td>AZC</td>
</tr>
<tr>
<td>GLB0-36-*</td>
<td>0</td>
<td>1000 VAC</td>
<td>36 cm</td>
<td>6-12</td>
<td>AZC (RC on demand)</td>
</tr>
<tr>
<td>GLB1-36-*</td>
<td>1</td>
<td>7500 VAC</td>
<td>36 cm</td>
<td>7-12</td>
<td>RC</td>
</tr>
<tr>
<td>GLB2-36-*</td>
<td>2</td>
<td>17,000 VAC</td>
<td>36 cm</td>
<td>7-12</td>
<td>RC</td>
</tr>
<tr>
<td>GLB3-36-*</td>
<td>3</td>
<td>26,500 VAC</td>
<td>36 cm</td>
<td>8-12</td>
<td>RC</td>
</tr>
<tr>
<td>GLB4-41-*</td>
<td>4</td>
<td>36,000 VAC</td>
<td>41 cm</td>
<td>8-12</td>
<td>RC</td>
</tr>
</tbody>
</table>

* 28 cm, and 41 cm lengths are available on demand.

MEANING OF ITEM NUMBERS
GLB4-41-10
Beige latex gloves
Class 4
Length 41 cm

FLEX&GRIP COMPOSITE GLOVES
EN 60903 AND IEC 60903

USE:
• Composite insulating gloves with integrated mechanical protection.

FEATURES:
• Natural rubber gloves with outer coating in orange red elastomer, black interior, cut edges
• Special properties (category) RC, with mechanical protection.

MEANING OF ITEM NUMBERS
GC4-41-10
Composite gloves | Class 4 | Length 41 cm

<table>
<thead>
<tr>
<th>Item no (size to be added)</th>
<th>Class</th>
<th>Max. usage voltage</th>
<th>Length</th>
<th>Available sizes</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>GC00-36-*</td>
<td>00</td>
<td>500 VAC</td>
<td>36 cm</td>
<td>6-12</td>
<td>RC</td>
</tr>
<tr>
<td>GC0-36-*</td>
<td>0</td>
<td>1000 VAC</td>
<td>36 cm</td>
<td>6-12</td>
<td>RC</td>
</tr>
<tr>
<td>GC1-36-*</td>
<td>1</td>
<td>7500 VAC</td>
<td>36 cm</td>
<td>7-12</td>
<td>RC</td>
</tr>
<tr>
<td>GC2-36-*</td>
<td>2</td>
<td>17,000 VAC</td>
<td>36 cm</td>
<td>7-12</td>
<td>RC</td>
</tr>
<tr>
<td>GC3-36-*</td>
<td>3</td>
<td>26,500 VAC</td>
<td>36 cm</td>
<td>8-12</td>
<td>RC</td>
</tr>
<tr>
<td>GGA41-*</td>
<td>4</td>
<td>36,000 VAC</td>
<td>41 cm</td>
<td>8-12</td>
<td>RC</td>
</tr>
<tr>
<td>GC2-80-*</td>
<td>2</td>
<td>17,000 VAC</td>
<td>80 cm</td>
<td>9-10</td>
<td>RCF*</td>
</tr>
<tr>
<td>GC3-80-*</td>
<td>3</td>
<td>26,500 VAC</td>
<td>80 cm</td>
<td>9-10</td>
<td>RCF*</td>
</tr>
</tbody>
</table>

Please enquire for range with length 41 cm. * Category F – Leakage current resistance

MEANING OF ITEM NUMBERS
GC4-41-10
Composite gloves | Class 4 | Length 41 cm

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<thead>
<tr>
<th>Item no (size to be added)</th>
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<td>36 cm</td>
<td>6-12</td>
<td>RC</td>
</tr>
<tr>
<td>GCA0-36-*</td>
<td>0</td>
<td>1000 VAC</td>
<td>36 cm</td>
<td>6-12</td>
<td>RC</td>
</tr>
<tr>
<td>GCA1-36-*</td>
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<td>7500 VAC</td>
<td>36 cm</td>
<td>7-12</td>
<td>RC</td>
</tr>
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</tr>
<tr>
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<td>4</td>
<td>36,000 VAC</td>
<td>41 cm</td>
<td>8-12</td>
<td>RC</td>
</tr>
</tbody>
</table>

Three-in-one gloves combining dielectric, mechanical and thermal (arc flash) resistance

FLASH&GRIP COMPOSITE GLOVES
with arc flash protection
EN 60903 AND IEC 60903

USE:
• Composite insulating gloves with integrated mechanical protection and arc flash rating.

FEATURES:
• Natural rubber gloves with specially formulated external coating in high-performance orange red elastomer, black inner coating, cut edges, length 41 cm. Sizes 6 to 12.
• Special properties (category) RC, with mechanical protection.
• Arc Flash assessed by a notified body: box test and ATPV. IEC 61482-1-2 ASTM F2675

<table>
<thead>
<tr>
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<th>Class</th>
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<td>RC</td>
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<tr>
<td>GCA0-36-*</td>
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<td>36 cm</td>
<td>6-12</td>
<td>RC</td>
</tr>
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<td>7-12</td>
<td>RC</td>
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<tr>
<td>GCA4-41-*</td>
<td>4</td>
<td>36,000 VAC</td>
<td>41 cm</td>
<td>8-12</td>
<td>RC</td>
</tr>
</tbody>
</table>

Three-in-one gloves combining dielectric, mechanical and thermal (arc flash) resistance

Specially formulated outer coating that provides exceptional grip, even in humid or greasy conditions.
**GLOVE BOX**
BGT
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: RGX-BGT

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**LEATHER OVER GLOVES**
SG
Leather over gloves for mechanical protection for electrovolt insulating gloves. Complete range of over gloves in 6 sizes designed for the class and size of latex gloves. Standards: EN 420/EN 388 (with mechanical strength: Abrasion 2 - Cut 1 - Tear 2 - Perforation 2).

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**RUBBER CLEANER**
RGX-1704
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: RGX-1704-PACK

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**TALC CONTAINER**
TS10T
Luzenac talc container, 100 ml. Recommended to increase the comfort in use of insulating rubber gloves. Makes them easier the donning and doffing.

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**PNEUMATIC TESTER**
TV10
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.

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**CARRY BAG**
TS10
Fabric reinforced with waterproof PVC. Has a hook and an internal pocket for talc container. Dimensions: 45 x 18 x 7 cm

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**FABRIC STORAGE BAG FOR LONG GLOVES**
RGX-SGL
Storage and transport bag for long gloves. Carry handles, two inner pockets for documents and maintenance kit. Dimensions: 81 x 26 cm

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**COTTON UNDER GLOVES**
SGM
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: RGX-GCT
FINDING YOUR SIZE

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.

<table>
<thead>
<tr>
<th>Recommended size</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand measurement (cm)</td>
<td>14</td>
<td>16</td>
<td>18</td>
<td>21</td>
<td>24</td>
<td>26</td>
<td>28</td>
</tr>
</tbody>
</table>
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> International market