## **INSULATING GLOVES**

The natural latex base offers excellent dielectric properties. The thicker the glove, the higher the electrical resistance. The ergonomic design increases comfort, provides more softness and allows the glove to be put on and taken off very easily. Insulating gloves are one of the most important items of PPE for work in the electrical sector.

They are the first line of defence against contact with any live component or cable.

### USE

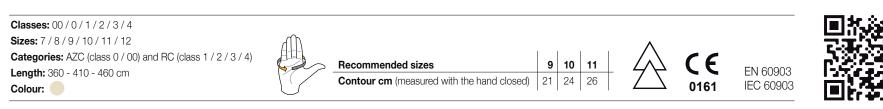
Electricity production, transport, transformation and distribution, railways, telecommunications, construction, industrial maintenance, photovoltaic panels, batteries for hybrid and electric cars, etc.

#### RECOMMENDATIONS

It is recommended that the insulating gloves are worn together with a suitable leather overglove to provide mechanical protection against abrasion, cuts, tears and punctures.

### MECHANICAL AND THERMAL REQUIREMENTS

- Average tensile strength: ≥16 MPa
- Average elongation at break: ≥600%
- Puncture resistance: ≥18N/mm
- **Tension set:** ≤15%
- Resistance to very low temperatures: the gloves are conditioned for 24h at 40 °C ±3 °C.
- Flame propagation test: a flame is applied to the end of a finger for 10 seconds.







Key to letters in categories: A: Acid / Z: Ozone / H: Oil / C: Very low temperature / R: A+Z+H



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Ref.	Class	Thickness (mm) max.	Size	Length (mm)	Categories	Working voltage (V) max.	Proof test voltage (V) max.	Withstand voltage (V) max.
GDS-25 T9 GDS-25 T10	00	0.7	7 8 9 10 11 12	360	AZC	500 V AC	2.500 V AC	5.000 V AC
GDS-50 T9 GDS-50 T10	0	1.0		280 - 360 410 - 460	AZC	1.000 V AC	5.000 V AC	10.000 V AC
GDS-10 T9 GDS-10 T10	1	1.6		360	RC	7.500 V AC	10.000 V AC	20.000 V AC
GDS-20 T9 GDS-20 T10	2	2.3			RC	17.000 V AC	20.000 V AC	30.000 V AC
GDS-30 T9 GDS-30 T10 GDS-30 T11	3	2.9			RC	26.500 V AC	30.000 V AC	40.000 V AC
GDS-40 T10 GDS-40 T11	4	3.8		410	RC	36.000 V AC	40.000 V AC	50.000 V AC

CATEGORIES	Α	Н	z	R	с	Mechanical protection
RESISTANCE TO	Acid	Oil	Ozone	Acid, oil, ozone	Very low temperature	<u></u>



