

GDS

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:** $\geq 600\%$
- **Puncture resistance:** ≥ 18 N/mm
- **Tension set:** $\leq 15\%$
- **Resistance to very low temperatures:** the gloves are conditioned for 24h at $40\text{ }^{\circ}\text{C} \pm 3\text{ }^{\circ}\text{C}$.
- **Flame propagation test:** a flame is applied to the end of a finger for 10 seconds.



Classes: 00 / 0 / 1 / 2 / 3 / 4

Sizes: 7 / 8 / 9 / 10 / 11 / 12

Categories: AZC (class 0 / 00) and RC (class 1 / 2 / 3 / 4)

Length: 360 - 410 - 460 cm

Colour: ●



Recommended sizes

Contour cm (measured with the hand closed)

9	10	11
21	24	26



CE
0161

EN 60903
IEC 60903



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	360	AZC	500 V AC	2.500 V AC	5.000 V AC
GDS-50 T9 GDS-50 T10	0	1.0		8	280 - 360 410 - 460	AZC	1.000 V AC	5.000 V AC
GDS-10 T9 GDS-10 T10	1	1.6	9	360	RC	7.500 V AC	10.000 V AC	20.000 V AC
GDS-20 T9 GDS-20 T10	2	2.3	10		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	11		RC	26.500 V AC	30.000 V AC	40.000 V AC
GDS-40 T10 GDS-40 T11	4	3.8	12		RC	36.000 V AC	40.000 V AC	50.000 V AC



CATEGORIES	A	H	Z	R	C	Mechanical protection
RESISTANCE TO	Acid	Oil	Ozone	Acid, oil, ozone	Very low temperature	