

GDS

The natural latex base provides excellent dielectric properties. The greater the glove thickness, the higher its electrical resistance. The ergonomic design enhances comfort, offering superior softness and flexibility, and makes both donning and removal easier.

Insulating gloves are considered one of the most important items of personal protective equipment for electrical work. They form the first line of defence against contact with live components or energised conductors.



The natural latex glove is available in beige.

| Ref. | Class | Thickness (mm) | | Size | Length (mm) | Categories | Working voltage (V) max. | Proof test voltage (V) max. | Withstand voltage (V) max. |
|--------------------------|-------|----------------|--------|------|-------------|------------|--------------------------|-----------------------------|----------------------------|
| | | max. | medium | | | | | | |
| GDS-25 T9 GDS-25 T10 | 00 | < 1.1 | 0.6 | 7* | 360 | AZC | 500 V AC | 2.500 V AC | 5.000 V AC |
| GDS-50 T9 GDS-50 T10 | 0 | < 1.6 | 1.0 | | | 8* | 280 - 360 410 - 460 | AZC | 1.000 V AC |
| GDS-10 T9 GDS-10 T10 | 1 | < 2.1 | 1.6 | 9 | 360 | RC | 7.500 V AC | 10.000 V AC | 20.000 V AC |
| GDS-20 T9 GDS-20 T10 | 2 | < 2.9 | 2.3 | 10 | | RC | 17.000 V AC | 20.000 V AC | 30.000 V AC |
| GDS-30 T9 GDS-30 T10 | 3 | < 3.5 | 2.9 | 11 | 410 | RC | 26.500 V AC | 30.000 V AC | 40.000 V AC |
| GDS-30 T11 | | | | 12* | | | | | |
| GDS-40 T10 GDS-40 T11 | 4 | < 4.2 | 3.8 | | | RC | 36.000 V AC | 40.000 V AC | 50.000 V AC |

Meaning of letters in 'Categories': A: Acid / Z: Ozone / H: Oil / C: Very low temperature / R: A+Z+H resistance.
 * For sizes 7, 8 and 12 consult.

USE: Recommended for work in electricity generation, transmission, transformation, and distribution, as well as in the railway, telecommunications, construction, industrial maintenance, photovoltaic panel, and hybrid vehicle battery sectors, among others.

RECOMMENDATIONS: Depending on the task, it is advisable to use the insulating latex gloves together with appropriate leather over-gloves to provide additional mechanical protection against abrasion, cutting, tearing, and punctures.

MECHANICAL AND THERMAL REQUIREMENTS

- Average tensile strength: ≥16 MPa
- Average elongation at break: ≥600%
- Puncture resistance: ≥18 N/mm
- Tension set: ≤15%
- Resistance to very low temperatures: Gloves conditioned for 24 hours at -40 °C ± 3 °C.
- Flame-retardant test: Application of a flame for 10 seconds at the fingertip.

Available in sizes:



| Recommended size | 9 | 10 | 11 |
|---------------------|----|----|----|
| Circumference in cm | 21 | 24 | 26 |

Measured with the hand closed.