

Gloves / Dielectric gloves

30201 SG

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.



IEC 60903 | EN 60903

The natural latex glove is available in beige.

Code	Ref.	Class	Thickness (mm) max. medium	Size	Length (mm)	Categories	Working voltage (V) max.	Proof test voltage (V) max.	Withstand voltage (V) max.
530110	SG-25 T9	00	< 1.1	0.6	360	AZC	500 V AC	2.500 V AC	5.000 V AC
530120	SG-25 T10								
530150	SG-50 T9	0	< 1.6	1.0	7*	AZC	1.000 V AC	5.000 V AC	10.000 V AC
530160	SG-50 T10				8*				
530190	SG-10 T9	1	< 2.1	1.6	9	RC	7.500 V AC	10.000 V AC	20.000 V AC
530200	SG-10 T10				10	RC	17.000 V AC	20.000 V AC	30.000 V AC
530230	SG-20 T9	2	< 2.9	2.3	360	RC	26.500 V AC	30.000 V AC	40.000 V AC
530240	SG-20 T10				11				
530270	SG-30 T9	3	< 3.5	2.9	12*	RC	36.000 V AC	40.000 V AC	50.000 V AC
530280	SG-30 T10				410	RC			
530290	SG-30 T11								
530320	SG-40 T10	4	< 4.2	3.8					
530330	SG-40 T11								

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: $\geq 600\%$
- Puncture resistance: ≥ 18 N/mm
- Tension set: $\leq 15\%$
- Resistance to very low temperatures:
Gloves conditioned for 24 hours at $-40^{\circ}\text{C} \pm 3^{\circ}\text{C}$
- Flame-retardant test:
Application of a flame for 10 seconds at the fingertip.

Available in sizes:

7 8 9 10 11 12



Recommended size

9	10	11
21	24	26

Circumference in cm

Measured with the hand closed.