Product Technical Specifications

Mod. SG

Latex insulated globes

Functionality

Insulated gloves are one of the most important pieces of PPE for working in the electrical sector. They are the first line of defence for contact with any live component or cable.

Product Features

The natural latex base has excellent dielectric properties. The thicker the glove, the greater the electrical resistance. The ergonomic design provides comfort and a smoother feel and allows the glove to be put on and taken off very easily.

Mechanical Features

Average tensile strength: ≥**16 MPa**
Average elongation at break: ≥**600%**
Puncture resistance: ≥**18N/mm**
Tension set: ≥**15%**

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Características térmicas

Resistance to low temperature: **Conditioning of gloves for 1 hour at -25 ± 3 °C**.

Flame-retardant test: **Application of a flame for 10 seconds at a finger tip**.

Certified

According to the Standards:

IEC 60903:2014
UNE-EN 60903:2005
CE mark

Características especiales

Resistance to acid: **Conditioning of gloves by immersion for 8 hours at 23 ± 2 °C in a sulphuric acid solution at 32° Baume**.

Resistance to oil: **Conditioning by immersion in oil for 24 hours at 70 ± 2 °C**.

Resistance to ozone: **Conditioning of gloves in a chamber for 3 hours at 40 ± 2°C and in a 1 mg / m³ ozone concentration**.

Resistance to very low temperatures: C**onditioning of gloves for 24 hours at -40 ± 3°C**.

Specifications / Technical Data

Ref.	Class	Size	Length (mm)	Thickness (mm)	Categories	Working Voltage (V) max.	Proof test Voltage (V) max.	Withstand Voltage (V) max.
SG-25 T9 **SG-25 T10**	00	9 10	360	0.5	AZC	500 V AC	2.500 V AC	5.000 V AC
SG-50 T9 **SG-50 T10**	0	9 10		1.0	RC	1.000 V AC	5.000 V AC	10.000 V AC
SG-10 T9 **SG-10 T10**	1	9 10		1.5	RC	7.500 V AC	10.000 V AC	20.000 V AC
SG-20 T9 **SG-20 T10**	2	9 10		2.3	RC	17.000 V AC	20.000 V AC	30.000 V AC
SG-30 T9 **SG-30 T10**	3	9 10		2.9	RC	26.500 V AC	30.000 V AC	40.000 V AC
SG-40 T9 **SG-40 T10**	4	10 11	410	3.6	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

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