Product Technical Specifications

Mod. SG

Dielectric gloves

Functionality

Insulated gloves are one of the most important pieces of PPE for working in the electrical sector. They are the first line of defense 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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Thermal characteristics

Resistance to very low temperatures:
Conditioning of the gloves for **24 hours at -40 ºC. ± 3ºC.**

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

Certified

According to the Standards:

IEC 60903:2014

UNE-EN 60903:2005

IEC 60903
EN 60903

Specifications / Technical Data

Code	Ref.	Class	Size	Length (mm)	Categories	Working voltage (V) máx.	Proof test voltage (V) máx.	Withstand voltage (V) máx.
530110 530120	SG-25 T9 SG-25 T10	00	7* 8* 9 10 11 12*	360	AZC	500 V AC 750 V DC	2.500 V AC	5.000 V AC
530150 530160	SG-50 T9 SG-50 T10	0		280-360 410 - 460		1.000 V AC 1.500 V DC	5.000 V AC	10.000 V AC
530190 530200	SG-10 T9 SG-10 T10	1		360	RC	7.500 V AC 11.250 V DC	10.000 V AC	20.000 V AC
530230 530240	SG-20 T9 SG-20 T10	2				17.000 V AC 26.500 V DC	20.000 V AC	30.000 V AC
530270 530280 530290	SG-30 T9 SG-30 T10 SG-30 T11	3				26.500 V AC 39.750 V DC	30.000 V AC	40.000 V AC
530320 530330	SG-40 T10 SG-40 T11	4		410		36.000 V AC 54.000 V DC	40.000 V AC	50.000 V AC

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

Special features

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**.

Datos sujetos a cambios
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