SOFAMEL

PRODUCT SHEET

Gloves / Ultra-thin insulating gloves

Ultra-thin, high-sensitivity insulating glove (Class 0)

30201 SGC COMFORT





The new SGC Comfort glove combines exceptional tactile sensitivity with full Class 0 electrical protection, while also maintaining excellent mechanical resistance.

Its special formulation of high-purity natural latex allows for a reduced thickness without compromising safety, providing a soft, precise, and highly flexible feel.

The ergonomic design significantly enhances user comfort, making donning and removal easy—even during prolonged tasks. Thanks to its high sensitivity, it is ideal for operations that require great precision and the handling of small components.

CE IEC 60903 | EN 60903

The natural latex glove is available in green.

Code	Ref.	Class	Thickness (mm) max.	Thickness (mm) medium	Size	Length (mm)	Categories	Working voltage (V) max.	Proof test voltage (V) max.	Withstand voltage (V) max.
30201001 **30201002**	**SGC-50** **SGC-50**	0	< 1.6	0.8	9 10	360	AZC	1.000 V AC	5.000 V AC	10.000 V AC

Meaning of letters in 'Categories': A: Acid / Z: Ozone / H: Oil / C: Very low temperature / R: A+Z+H resistance.
* Available on request.

The SGC Comfort model is certified according to EN 388 with the following levels:
Abrasion: 2 **Cut (blade):** 1 **Tear:** 2 **Puncture:** 1
ISO 13997 cut resistance: A

This mechanical protection makes it an excellent choice for environments where precision tasks are combined with the risk of friction or minor mechanical impacts.

RECOMMENDED APPLICATIONS

- Maintenance and repair of electric and hybrid vehicles (EV/HEV)
- Assembly, inspection, and handling in photovoltaic installation.
- Work in control centres and electrical panels
- Low-voltage operations with delicate components
- Diagnostic, adjustment, and fine-connection tasks
- Industrial applications requiring maximum tactile sensitivity

Manufactured and tested according to IEC 60903 and EN 60903, the SGC Comfort model guarantees the highest level of Class 0 protection with superior comfort in every use.

Available in sizes:

9 10



Recommended size	**9**	**10**
Circumference in cm Measured with the hand closed.	**21**	**24**



MANUFACTURING AND RETESTING OF INSULATING GLOVES

At Sofamel, we operate a fully dedicated production line for the manufacture of latex insulating gloves. Our processes are certified to the ISO 9001:2015 quality standard and comply with the requirements of EN 60903:2003 and IEC 60903:2014.

We also have a specially designed glove retesting booth for carrying out electrical tests, enabling us to provide all our customers with the best after-sales service for dielectric gloves.









YOUR SAFETY IS VITAL

THEREFORE, REGULAR INSPECTIONS OF INSULATING GLOVES ARE ESSENTIAL

RECOMMENDATIONS FOR THE MAINTENANCE AND VERIFICATION OF INSULATING GLOVES
Insulating gloves for live working are personal protective equipment (PPE) that prevent electrical hazards and are classified as Category III (fatal risk) under EU Directive 2016/425. The reference standards (EN 60903 and IEC 60903) define the recommendations for their use and inspection.

CLASS 0 and 00 GLOVES	Air leakage test and visual inspection	**RECOMMENDED BEFORE EACH USE**
	Dielectric properties test	**UPON CUSTOMER REQUEST**
CLASS 1 and 4 GLOVES	Air leakage test and visual inspection	**RECOMMENDED BEFORE EACH USE**
	Dielectric properties test	**MANDATORY** • Every 6 months from the start of service. • Maximum of 12 months from the date of manufacture if not used.

THE DEFINITION OF A GLOVE'S LIFESPAN IN NO WAY EXEMPTS THE RECOMMENDATIONS FOR PERIODIC INSPECTIONS.

Storage conditions
According to EN 60903 and IEC 60903 standards for Class C, gloves can be used at ambient temperatures between -40 °C and +55 °C. They are delivered in a UV-resistant plastic bag suitable for transport and storage. Store the gloves in a dry, dark place at temperatures between 10 °C and 21 °C. Do not compress, fold, or store them near sources of heat, light, or ozone.