



COMPLIANCE

Insulating gloves offer personal protection against electrical shocks when working on or near live wires. They must comply with the IEC 60903:2014 and **EN 60903:2003 standards**. As a result, they undergo various voltage, ageing, and mechanical testings.

The gloves are individually tested and delivered in a sealed UV protecting plastic bag.



GLOVE TYPES, CLASSES, AND CATEGORIES

There are **2 main types of insulating gloves**:

- **Rubber gloves** provide high dielectric performance. They must be used with leather gloves for mechanical protection.
- **Gloves with mechanical properties** offer superior mechanical protection against punctures and tears. They eliminate the need for overgloves.

WELLFIT FINISH

NEW

Soft, supple, durable and ergonomic with high flexibility for an easy work. With an ergonomic shape our gloves are suitable for any type of hand and are soft and supple which allows good dexterity.

A CHOICE OF FULL SIZE

Sizes from 7 to 12 can cover all requirements (Female / Male).

BI-COLOR

Bi-color gloves on class 1/2/3/4 allows contrast to rapidly detect any excessive abrasion, cut, tear and other mechanical surface damage that could alter the dielectric properties of the glove.

CLEAR-MARKING

Color label by class.

DATAMATRIX CODE

Traceability of the gloves enabling to easily know if the gloves are compliant, the next re-test dates, the test reports, user instruction, data-sheet.

ROLLED CUFF

Rolled cuff for comfort & ease of donning and doffing.

CHARACTERISTICS OF SYMBOLS



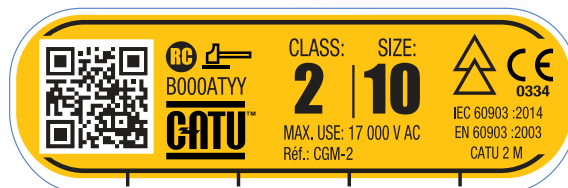
- Label with a double triangle symbol IEC 60 417-5216, suitable for live working.



- Label with a mechanical hammer symbol: suitable for insulating gloves with additional mechanical properties.



All our gloves provide use with greater comfort and hygiene.





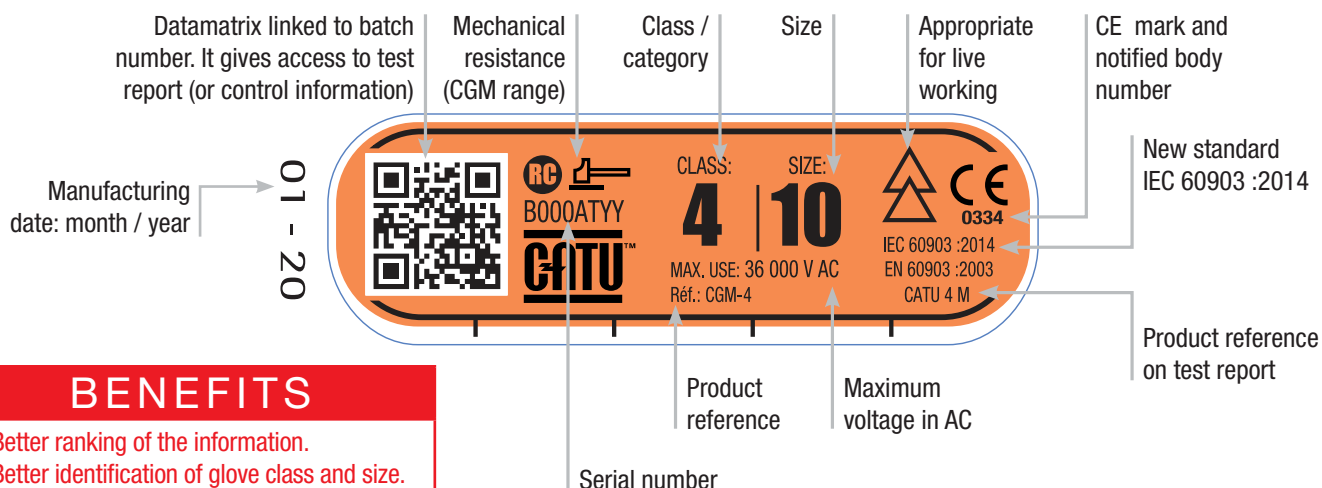
INSULATING RUBBER GLOVES, AN ESSENTIAL CHOICE FOR SAFETY!



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Larger marking area for user (date of first use or re-test date)



BENEFITS

- Better ranking of the information.
- Better identification of glove class and size.
- Use of the normative color label.

CONVERSION TABLE FOR INSULATING RUBBER GLOVES AND OVERGLOVES

NEW

Gloves	Reference	GLOVES sizes	OVERGLOVES sizes	sizes	OVERGLOVES reference
	CG-05-(*)	A = 8	8		CG-981-(***)
		B = 9	9		
	CG-10-(*)	C = 10	10		
		D = 11	11		
	CG-1-(**)-NR	7	8		CG-991-(***)
		8			
	CG-2-(***)-NR	9			
	CG-3-(***)-NR	10			
	CG-4-(****)-NR	11			
		12			

(*) Complete by size code A=8, B=9, C=10, D=11. (**) Complete by size code 07 to 12 (Sizes 7 and 12 on request).
(***) Complete by size code 08 to 12 (Size 12 on request). (****) Complete by size code 09 to 12 (Size 12 on request).
To find out your hand size, please refer to page 222.



INSPECTION AND STORAGE OF INSULATING GLOVES

All insulating gloves must be visually inspected after inflation and before each use.

For Classes **0** and **00**: The tests consist of an air inflation test and a visual inspection when the glove is inflated. The dielectric test is not required, but it may be performed at the owner's request. For Classes **1, 2, 3, and 4**: when in use, a glove should not be used without having been tested within the last six months. Normal testing periods are between 30 and 90 days.

An inspection of the inner gloves is also recommended. Gloves should be stored in their packaging, without being compressed or folded. They should not be stored near a heat source. Storage temperature: 10°C to 21°C.

UP TO 12 MONTHS !

CATU guarantees storage of gloves for up to 12 months * without the need to retest them. So, management is optimized and simplified.

* In compliance with the international standard IEC 60903:2014, the recommendations established by the manufacturer on the storage and periodic maintenance of insulating gloves prevail in the informative annex. CATU extends the duration of storage for all its ranges and for each class of gloves to 12 months, from their date of manufacture. From the date of first commissioning, the usual recommendations for use and periodic maintenance remain unchanged. Gloves are delivered in an anti-UV bag.



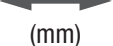


PPE - CPE / Insulating rubber gloves

INSULATING RUBBER GLOVES

Use silicon leather over gloves, ref. CG-981 (class 0 and 00), CG-991 (class 1 to 4).

Short gloves 28 cm, rolled cuff

Reference	Class			Category	Arc flash class 00 only		Color
		Voltage (AC)	Voltage (DC)			Length (mm)	
CG-00-(*)-R-28	00	≤ 500 V	≤ 750 V	AZC	6 cal, class 1. Battery acid resistance	280	Red exterior, beige interior.
CG-0-(*)-R-28	0	≤ 1 000 V	≤ 1 500 V	AZC		280	

(*) Complete by size code 07 to 12 (Sizes 7 and 12 on request).

NEW






EN 60903:2003

IEC 60903 : 2014






Gloves 36 cm, cut edges

Reference	Class			Category		Color
		Voltage (AC)	Voltage (DC)		Length (mm)	
CG-05-(*)	00	≤ 500 V	≤ 750 V	AZC	360	Beige
CG-10-(*)	0	≤ 1 000 V	≤ 1 500 V	AZC	360	

(*) Complete by size code A=8, B=9, C=10, D=11.



Gloves 36 cm, rolled cuff

Reference	Class			Category		Color
		Voltage (AC)	Voltage (DC)		Length (mm)	
CG-1-(*)-NR	1	≤ 7 500 V	≤ 11 250 V	AZC	360	Bicolour: orange exterior, beige interior.
CG-2-(**)-NR	2	≤ 17 000 V	≤ 25 500 V	RC	360	
CG-3-(**)-NR	3	≤ 26 500 V	≤ 39 750 V	RC	360	
CG-4-(***)-NR	4	≤ 36 000 V	≤ 54 000 V	RC	410	

(*) Complete by size code 07 to 12 (Sizes 7 and 12 on request).



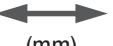
(**) Complete by size code 08 to 12 (Size 12 on request).

(***) Complete by size code 09 to 12 (Size 12 on request).



MECHANICAL AND ARC FLASH INSULATING GLOVES

Insulating gloves with higher mechanical properties for working in full safety without leather overgloves. Protection against thermal hazards from an electrical arc. Length 36 cm, cut edge.

Reference	Class			Category	 (mm)	Color	APTV
		Voltage (AC)	Voltage (DC)		Length		cal/cm ²
CGM-00-(*)	00	≤ 500 V	≤ 750 V	RC	360	Bi-colour: Orange outside. Natural inside.	12
CGM-0-(*)	0	≤ 1 000 V	≤ 1 500 V	RC	360		12
CGM-1-(*)	1	≤ 7 500 V	≤ 11 250 V	RC	360		12
CGM-2-(**)	2	≤ 17 000 V	≤ 25 500 V	RC	360		12
CGM-3-(**)	3	≤ 26 500 V	≤ 39 750 V	RC	360		12
CGM-4-(***)	4	≤ 36 000 V	≤ 54 000 V	RC	410		12
CGM-4-(*)-ARC-40	4	≤ 36 000 V	≤ 54 000 V	RC	410		40
(*) Complete by size code 07 to 12 (Sizes 07 and 12 on request).							
(**) References to be completed by size code 08 to 12 (***) References to be completed by size code 09 to 12.							

(*) Complete by size code 07 to 12 (Sizes 07 and 12 on request).

(**) References to be completed by size code 08 to 12 (***) References to be completed by size code 09 to 12.

EN 60903:2004 / IEC 60903:2014

ASTM F2675

ATPV 12 and 40 cal/cm²

IEC-61482-1-2 APC 2



**EXP
ERT**



**NEW: Also
available in
length 410 mm.**

NEW



BENEFITS

- Protection against thermal hazards from an electrical arc. 12 cal/cm² as a standard.
CGM-4-(*)-ARC-40 : 40 cal/cm² protection against thermal hazards. APC 2 (box test 7kA).



ACCESSORIES FOR INSULATING GLOVES




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PNEUMATIC GLOVE TESTER

For compulsory control of gloves before use. Checking is done by inflating and immersing in water.



Reference	Characteristics	
		Weight
CG-117	Pneumatic glove tester	600
M-86484	Set of 2 rings	-



CG-117

GLOVE BOX

- Plastic box for insulating gloves from class 00 to 4.
- Ensure for the gloves a good mechanical protection against shocks and UV radiation.
- Box can be fixed on a wall, in a substation, or be used as a carrying box and a storage box.

Reference	 (mm)	
	Dimensions	Weight
CG-35/2 *	101 x 224 x 476	900

* Includes precautions for use on tape positioned according to the language (English, French, Spanish, German, Italian, Portuguese, Arabic Dutch, Chinese, Russian).





BENEFITS

- Velcro® strap to hold gloves correctly.
- Glove maintenance recommendation.

STORAGE BAG

Made of reinforced waterproof fabric for transport of rubber gloves in vehicles and tool boxes.

Reference	Class	 (mm)	
		Dimensions	Weight
CG-36-1	00 to 1	420 x 180	185
CG-36-2	2 to 4	460 x 200	225




BENEFITS

- Dimensions suitable for various glove thicknesses.
- Transparent pocket at the back and loop for belt and hook.

OVERGLOVES

Mechanical protection of the insulating rubber gloves.

Reference	Size	
		Weight
CG-981-(*) for insulating gloves class 0 and 00	8	160
	9	
	10	
	11	
CG-991-(*) for insulating gloves class 1 to 4	8	200
	9	
	10	
	11	
	12	

(*) References to be completed by size 08 to 12.
See the conversion table page XX for the correct size based on the insulated glove.


BENEFITS

- Silicon grain leather, Kevlar thread, very flexible. With Velcro®.
- Large protective cuff in chrome tanned hide. With Velcro®.
- Very good dexterity level : 5 (according to EN 420). Over gloves provide the insulating glove with mechanical protection while being resistant to flame and contact heat of 100 ° C for 10 s according to EN 407.

UNDERGLOVES NOMEX III® “ARC FLASH” MODEL

UNDERGLOVES

These washable cotton undergloves improve the use of the insulating gloves. They bring the best held, hygiene and a greater comfort. Washable cotton undergloves.

Reference	Size	
		Weight
CG-80-(*)	H = Men / F = Women	28

(*) References to be completed by size H or F.

MITTENS

Fingerless gloves shape allowing to keep the highest of dexterity.

Reference	Size	
		Weight
CG-81	Size unique	20



CG-981



CG-991

Insulating gloves
for “Arc Flash”
protection page 38



BENEFITS

- Limit the effects of perspiration.
- Allow highest dexterity.

EN 407:2004
 412X4X
 EN 388: 2016
 2122X
 EN420(5)
 CE

