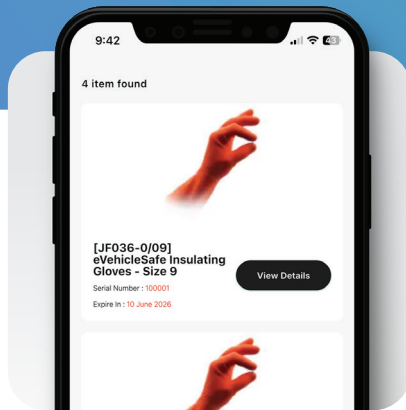


Gloves you can **WORK** with

CLASS

0

1000 V AC • 1500 V DC
PPE Category 3



Know Your Expiry

Register & Manage
with the eVS App



3-in-1 Protection

Electrical, Mechanical &
Arc Flash Class 1



No Leather Outer

Composite
specification

Startup Kit



- Dry Storage Bag
- Field Air Inspection Tool
- 10 Premium Fingerless Cottons

Class 0 Glove Solution



Sizes 8 - 11

FREE eVS App
with glove register and
expiry date management.

eVehicleSafe

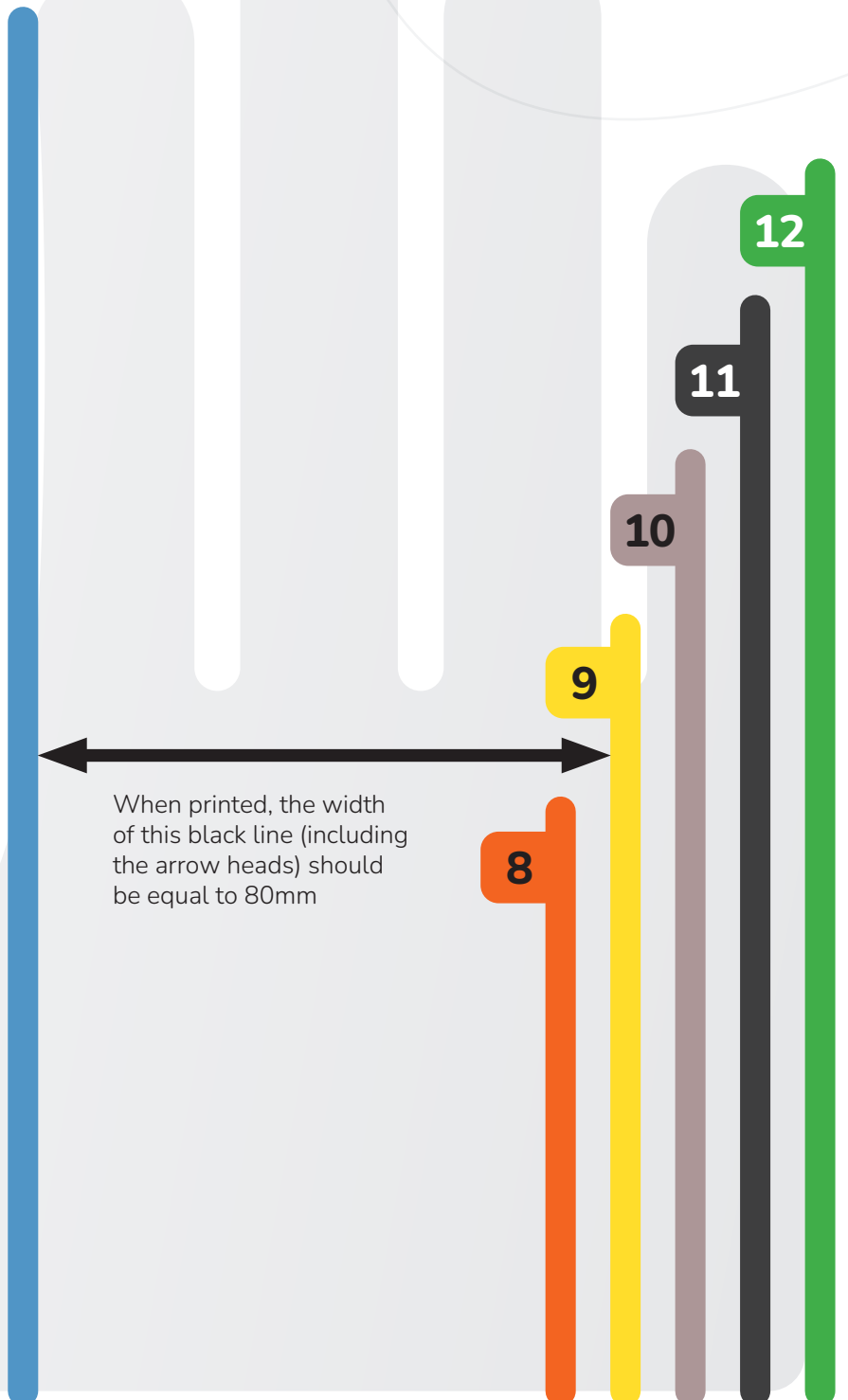
Download on the
App Store

GET IT ON
Google Play

Find your *FIT*

Instructions:

1. Ensure this chart is printed at 100% scale
2. Place your right hand palm down on the drawing with your fingers together.
3. Your index finger should be aligned with the blue line (but not over it), with your thumb crotch placed correspondingly to the portrayed hand. →
4. Size is indicated by the width of your hand. Read your size on the colour lines.



HAND PROTECTION CHEAT SHEET

/ ARC FLASH RATED WITH MECHANICAL PROTECTION



TOUCH-E RUBBER INSULATING GLOVES

Class	Class 0
Colour	Orange
AC Voltage	1,000V
DC Voltage	1,500V
Available Sizes	7-11
Glove Length	360mm
Cal Rating	12 cal/cm2

Pair With: Standard or Arc-Rated Leather Glove Protectors Same Size



AFG/GCA COMPOSITE INSULATING GLOVES WITH ARC FLASH PROTECTION

Class	Class 00	Class 0	Class 1	Class 2	Class 3	Class 4
Colour	Red (Outer) / Gray (Inner)					
AC Voltage	500V	1,000V	7.5kV	17kV	26.5kV	36kV
DC Voltage	750V	1,500V	11.25kV	25.5kV	39.75kV	54kV
Available Sizes	6-12		7-12		8-12	
Glove Length	360mm					410mm
Cal Rating	26.3 cal/cm2	71.6 cal/cm2	42.2 cal/cm2	74.5 cal/cm2	73.2 cal/cm2	87.7 cal/cm2

Pair With: Standard or Arc-Rated Leather Glove Protectors
Same Size One Size Up

/ ARC FLASH - AN OVERVIEW

/ WHAT IS ARC FLASH?

An arc flash is a sudden, very intense release of electrical energy through the air when electricity jumps between conductors or from a conductor to the ground.

- It produces intense light, heat, and pressure
- It can cause burns, fires, equipment damage, or injury

Arc flashes often occur with faulty or energized equipment. Proper PPE and safety procedures are essential.

/ HOW IS ARC FLASH MEASURED?

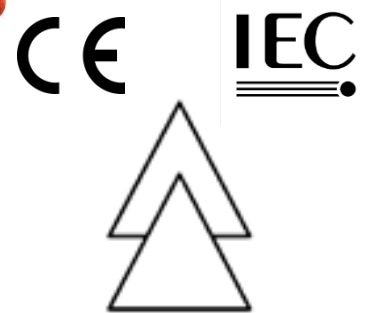
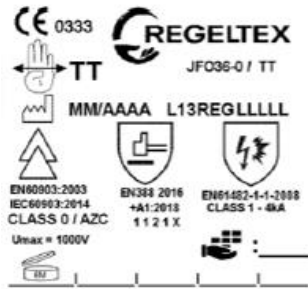
Thermal energy is what arc flash generates:

- Arc flash energy is measured in calories per cm²(cal/cm²).
- 1cal/cm²is like touching a finger to a lighter flame for one second.
- Just 1—2 cal/cm² can cause second-degree burns. Normal work clothes can catch fire at 2 cal/cm².

Arc Flash HRC1 Minimum PPE 4 of cal	Arc Flash HRC2 Minimum PPE 8 of cal	Arc Flash HRC3 Minimum PPE 25 of cal	Arc Flash HRC4 Minimum PPE 40 of cal
CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4
Minimum arc rating between 4 and 7 cal/cm2	Minimum arc rating between 8 and 25 cal/cm2	Minimum arc rating between 25 and 40 cal/cm2	Minimum arc rating 40 cal/cm2

/ TOUCH-E

INSULATING GLOVE CLASS 0



Non-slip
finish

/ Standards

Produit normé : EU regulation 2016/425 = PPE Category III
EN60903:2003/IEC60903:2014 = Class 0 (AZC)
EN388:2016+A1:2018 = 1,1,2,1,X
EN 61482-1-2:2008 = Class 1 (4kA)

/ Use

Extremely thin insulating gloves that allow greater dexterity than traditional insulating gloves; the non-slip finish offers an excellent grip for handling the smallest details. The mechanical resistance and class 1 electric arc protection are integrated.

/ Technical specifications

Produit :

- Length : 36 cm
- Size : 8, 9, 10
- Color : Orange
- External finish: non-slip
- Internal finish: chlorinated

REGELTEX – EIG life cycle

Issued On, 23 April 2024

Dear Partners,

Herewith, I confirm our **insulating gloves** produced at **REGELTEX** factory, *Issoudun – France*, follows European standard as **2016/425 PPE regulation**, and of course **EN & IEC 60903**. Our insulating gloves has no expiry date if following few rules:

- **Appropriate storage** (refer to Instruction Of Use),
- **Periodical inspection**: After **12 months in stock** - Every **6 month in use**.
- **Visual and pneumatic** inspection before each use.

Based on REGELTEX 'experience, there is no evidence that our gloves would expire within a period of time if the gloves remain **properly stored** (before or after use), and **away from sources of ozone, extreme temperature or UV light** exposure (refer to Instruction Of Use).

Furthermore, please find below an extract **IEC 60903** related to **inspection before each use**. This can be done visually, by checking gloves for holes or damages thanks to a dedicated glove inflator (EOS):

A.3 Examination before use

Each time before use, both gloves of a pair should be visually inspected and subjected to an air test. If either glove is thought to be unsafe, the pair should not be used and should be returned for testing. Damage includes, but is not limited to, pinholes, punctures, cracks, cuts, chemical bloom, embedded foreign matter, hard spots.

Finally, one of the main differences between **EN & IEC 60903** is related to electric test:

- EN 60903: a visual and pneumatic inspection may be considered as a **periodical inspection for cl00 & 0**, for other classes, an **electric test** is required;
- IEC 60903: an **electric test** is required as **periodical inspection for all classes (00, 0, 1, 2, 3 & 4)**.

We have been producing insulating gloves almost for the last 50 years, and we do all the necessary to continue, develop and extend our range, all in order to increase safety and quality level.

Best regards,

Charlotte LEFESTÉ

Quality, Safety and Environment Manager for REGELTEX



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ABN 47 009 910 758
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Based on the information given above, as well as the asset management system utilized by **eVehicle Safe**, we recommend our Class 00 and 0 gloves to have a maximum service life of 12 months from issue before requiring dielectric retesting, provided the gloves pass a visual and pneumatic inspection prior to each use. This is also in accordance with AS 60903:2022 which our gloves comply with.

Best regards,

Ty ROSAL

General Manager of Sales for PENTA Australia HYLEC TMAC



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