HAND PROTECTION CHEAT SHEET

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/ FINDING YOUR SIZE

Step 1: Wrap the tape around your hand above the V of your thumb. The result in centimetres is your hand circumference.



Step 2: Use the guide below to match your measurement to the correct glove size. Consider some allowance. For example, if your hand measures 26 cm in circumference, choose the next size up, which is size 11.

ACTIVARMR GLOVES

Circumference		Glove Size
17.8cm	7”	7
20.3cm	8”	8
21.6cm	8.5”	8.5
22.9cm	9“	9
24.1cm	9.5”	9.5
25.4cm	10”	10
26.7cm	10.5”	10.5
27.9cm	11”	11

Note: Allow an extra half inch if you plan to use cotten inners. Tolerance = +/-13mm

GLE/GLB, GLN, TOUCH-E, AFG/GCA GLOVES

Circumference		Glove Size
17.8cm	7”	7
20.3cm	8”	8
22.9cm	9”	9
25.4cm	10”	10
27.9cm	11”	11
30.4cm	12”	12

Note: Allow an extra half inch if you plan to use cotten inners.

HAND PROTECTION
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/ INSULATING GLOVES

ELECTROVOLT GLE / GLB / GLN
NATURAL RUBBER INSULATING GLOVES

Class	Class 00	Class 0	Class 1	Class 2	Class 3	Class 4
Colour	Beige (GLB/GLE) or Black (GLN)					
AC Voltage	500V	1,000V	7.5kV	17.5kV	26.5kV	36kV
DC Voltage	750V	1,500V	11.25kV	25.5kV	39.75kV	54kV
Available Sizes	6 to 12	7 to 12		8 to 12		
Glove Length	360mm		410mm			
Pair With:	Standard or Arc-Rated Leather Glove Protectors					
	Same Size		One Size Up			



ABOUT PENTA REGELTEX, A PENTA ESP BRAND

PENTA REGELTEX is a leading French manufacturer of high-performance insulated gloves, backed by ISO-certified production and over 90 years of innovation. Available in Australia through PENTA Australia HYLEC TMAC, their range offers superior dielectric protection, dexterity, and grip, including natural-rubber insulating gloves, leather protectors, and advanced arc-flash composite options for high-risk electrical work.

Electrovolt GLE/GLB, GLN, AFG/GCA and Touch-E gloves are from PENTA REGELTEX.



ACTIVARMR
LV INSULATING RUBBER GLOVES

Class	Class 00	Class 0
Colour	Red	Yellow
Cuff Style	Straight	
AC Voltage	500V	1,000V
DC Voltage	750V	1,500V
Available Sizes	7-11 with half-sizes	
Glove Length	280mm	360mm
Pair With:	Standard or Arc-Rated Leather Glove Protectors Same Size	



CUFF STYLES



Contour Bell Straight

ACTIVARMR
HV INSULATING RUBBER GLOVES

Class	Class 1	Class 2			Class 3			Class 4		
Colour	Black Outer / Yellow Inner									
Cuff Style	Straight	Straight	Bell	Contour	Straight	Bell	Contour	Straight	Bell	Contour
AC Voltage	7.5kV	17kV			26.5kV			36kV		
DC Voltage	11.25kV	25.5kV			39.75kV			54kV		
Available Sizes	8-11 with half-sizes (available size vary per type)							9-11 with half-sizes		
Glove Length	360mm	410mm		460mm	410mm		460mm	460mm		
Pair With:	Standard or Arc-Rated Leather Glove Protectors Same Size									



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/ 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



STANDARDS

- EN 60903:2004 - Electrical Insulating Gloves
- IEC 61482 - Arc Flash Protection
- ASTM F2675 - Arc-Rated Protective Products
- EN 388:1121X - Mechanical Protection
- CE Category III - Complex PPE
- Category: A, Z, C



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

HAND PROTECTION
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/ ACCESSORIES & CLEANING AIDS

Enhance your electrical safety setup with our range of compatible accessories and supporting products — designed to work together for maximum performance and protection. **Available to order now.**



COTTON INNER GLOVES - FINGERLESS



COTTON INNER GLOVES - FULL FINGERS



LV LEATHER GLOVE PROTECTORS



HV LEATHER GLOVE PROTECTORS



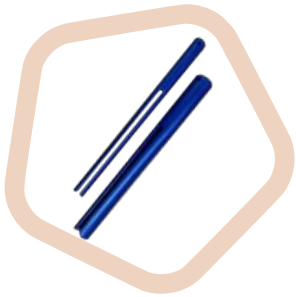
LV LEATHER GLOVE PROTECTOR WITH 23CAL ARC FLASH PROTECTION



HV LEATHER GLOVE PROTECTOR WITH 38CAL ARC FLASH PROTECTION



EOS PNEUMATIC TESTER (100mm | 130mm)



FIELD GLOVE STICK TESTERS - HV & LV



REGELTEX RUBBER CLEANER SPRAY



TALCUM POWDER



GLOVE STORAGE BOX



GLOVE CARRY BAGS

/ SERVICES

Services to keep your gloves safe, compliant, and ready for every job.



GLOVE TESTING & RECERTIFICATION



CUSTOMISED & BRANDED KITS

Need help or ready to order? Email **sales@pentaesp.com.au** or call **+61 07 3396 2220**