



FEATURED PRODUCTS



ELECTRIC SAFETY 2nd Edition

Best Sellers







Cicame Énergie solutions



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Arc flash helmet

/ MO-180-ARC - Intergrated & retractable faceshield

- Insulated shell at 1000 VAC.
- Protection against molten flying particles and heat radiation produced during accidental arcflash situation.
- Scratch protection design. The face shield is protected by the neck cloth during storage.
- Balanced weight. The helmet will not slip during operation. weight 0.790 kg.



Part Number	Description
MO-180-ARC12-EXP	Faceshield ATPV 4 cal/cm ² - APC class 2 Light Transmission > 75%
MO-180-ARC20-EXP	Faceshield ATPV 12a cal/cm ² - APC classe 2 Light Transmission > 60%



/ Accessories

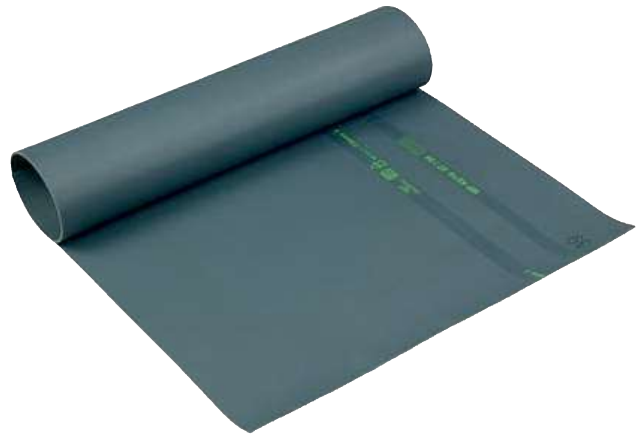
Part Number	Description	
MO-180-ARC12-VISOR	Faceshield 12 cal/cm ²	
MO-180-ARC20-EXPVR	Faceshield 20 cal/cm ²	
MS119-KIT	Rechargeable Headlamp, 90 lumens	
M87384	Helmet Bag	
ARC-BA2US6.5BM12	Balaclava	
MO11001	Tinted UV glasses with case. Anti scratch and impact	

Insulating mats

Used to cover the ground for the electrical protection of operators.

/ Individual and roll models

- High quality rubber.
- Non skid surface on both sides.
- Regulatory markings clearly indicating mat features.



Part Number	Class	Voltage ~	Voltage ---	Thickness mm	 m	Weight	Bag
MP1111	0	≤ 1000 V	≤ 1500 V	2	1 x 1	2.9	MP02
MP100025	0	≤ 1000 V	≤ 1500 V	2	1 x 5	29	-
MP4211	3	≤ 26500 V	≤ 39750 V	3	1 x 1	4.5	MP02
MS100035	3	≤ 26500 V	≤ 39750 V	3	1 x 5	25	-

MP02



Insulating platforms

/ Interior / exterior applications

- Solid plate with moulded insulating material 52x52 cm, thickness 40mm.
- Insulating Skirts.
- Feet with rubber tips.

/ Utilisation Intérieure

- Solid plate with moulded insulating material.
- 50x50 cm, thickness 40.



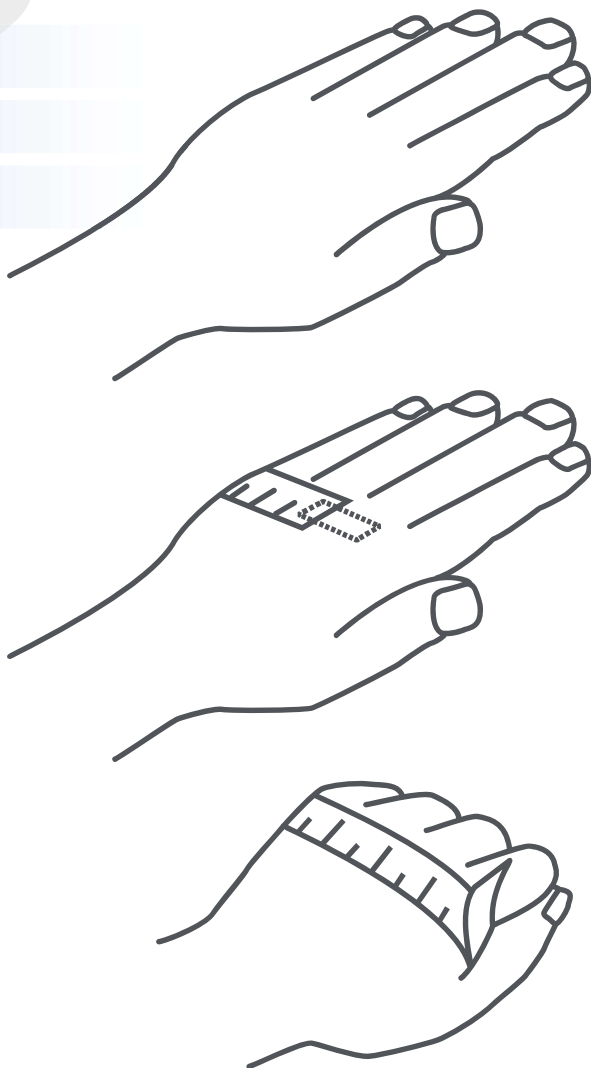
CT9__

Part Number	Voltage	Height mm	Weight	Use
CT925	≤ 24 kV	350	6	Interior/Exterior
CT945	≤ 45 kV	435	6.5	Interior/Exterior
CT963	≤ 63 kV	515	7	Interior/Exterior
CT7251	≤ 36 kV	220	3.7	Interior
CT7401	≤ 45 kV	260	3.9	Interior



CT7__

How to size your gloves



- 1 Extend your hand.
- 2 Wrap a tape measure around your hand at the finger joints, you can scotch tape to your hand if it helps.
- 3 Fold your fingers under without squeezing your fist, take the measurement. If you are between sizes take the larger size.

MENS SIZE

In inches	8	8 1/2	9	9 1/2	10	10 1/2	11	12
In centimeters	20,3	21,6	22,9	24,1	25,4	26,7	28,0	30,5
Sport size	S	M	L	XL	XL	XXL	XXL	

Gloves and glove accessories / Class 0,2,3,4 Gloves



- Includes the dielectric and conformity certificate.
- Sizes available, 8,9,10,11,12
- Rolled edges for more comfort.
- Ergonomic models.
- **Under-glove** : For a better hygiene, washable cotton.
- **Over-glove** : Mechanical protection against cuts and perforations.
- **Pouch** : To protect and carry your gloves safely.
- **Plastic case** : Including talcum powder bottle.
- **Manual Inflator** : Glove inflator for visual inspection (for class 0 gloves only).

SIZE	DIELECTRIC GLOVES		OVER-GLOVE	UNDER-GLOVE	POUCH
	Part number	Color	Part number	Part number	Part number
Class 0 (< 1 kV)		Length: 14"	Length: 12,5"		Length: 16,5"
8	GI-01408-RR1	Red	CG98108	CG80F	CG361
9 (L)	GI-01409-RR1	Red	CG98109	CG80H	
10 (XL)	GI-01410-RR1	Red	CG98110		
11 (2XL)	GI-01411-RR1	Red	CG98111		
8	GI-01408-NNI	Black	CG98108	CG80F	CG361
9 (L)	GI-01409-NNI	Black	CG98109	CG80H	
10 (XL)	GI-01410-NNI	Black	CG98110		
11 (2XL)	GI-01411-NNI	Black	CG98111		
Class 2 (< 17 kV)		Length: 14"	Length: 12"		Length: 18,5"
8	GI-21408-NNI	Black	GC-31208	CG80F	CG362
9 (L)	GI-21409-NNI	Black	GC-31209	CG80H	
10 (XL)	GI-21410-NNI	Black	GC-31210		
11 (2XL)	GI-21411-NNI	Black	GC-31211		
Class 3 (< 26,5 kV)		Length: 16"	Length: 12"		Long. 18,5"
8	GI-31608-NNI	Black	GC-31208	CG80F	CG362
9 (L)	GI-31609-NNI	Black	GC-31209	CG80H	
10 (XL)	GI-31610-NNI	Black	GC-31210		
11 (2XL)	GI-31611-NNI	Black	GC-31211		
Class 4 (< 36 kV)		Length: 16"	Length: 12"		
8	GI-41808-NNI	Black	GC-31208	CG80F	-
9 (L)	GI-41809-NNI	Black	GC-31209	CG80H	
10 (XL)	GI-41810-NNI	Black	GC-31210		
11 (2XL)	GI-41811-NNI	Black	GC-31211		



CG80H



CG361
CG362



CG981_ _



CG312_ _



CG352



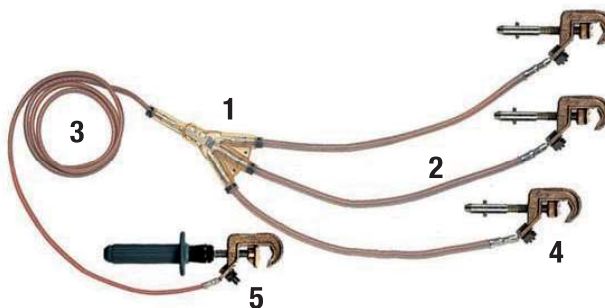
CG117

Earthing equipment configuration

- 3 Copper Cables, IEC extra flexible silicone sheath.
 - Personalized assembly based on application.
 - Short Leadtimes, components in stock.
- 1.- Determine the cable size of each phase.
 - 2.- Determine the length of each phase.
 - 3.- Determine the length of ground wire.
 - 4.- Choose which clamps you require for each phase.*
 5. Choose the clamp for the ground wire.**

Part Number	Cable length (m)		Type of clamp		Rating (kA/1S)	Cable section	Set of plastic
	Phase	Ground	Phase*	Ground*			
MT3-50-1.50-2.50-C	1.50	2.50	MT8142	MT8401	10	50 mm ² 1/0	✓
MT3-70-1.50-2.50-C	1.50	2.50	MT8143	MT8401	14.5	70 mm ² 2/0	✓
MT3-95-1.50-2.50-C	1.50	2.50	MT815C	MT8401	20	95 mm ² 3/0	✓
MT3-95-1.50-2.50-C02	1.50	2.50	MT1911E	MT1911	20	95 mm ² 3/0	✓
MT3-120-1.50-2.50-C	1.50	2.50	MT1921E	MT1921	30	120 mm ² 4/0	✓

- MT3 - [Size of cable (mm)] - [Length of 3 phases (m)] - [Length of ground wire (m)] - C* (*) C-clamp



Accessories

Part Number	Description
MT830P	Perche telescopique (min: 0.64m, max : 1.50m), Isolation: 45kV, Embout: Hexagonale (C)
M78665	Coffret plastique - 4,4 kg.



MT830P



M78665

Phase clamps

- **MT19__*** : Claw for T or round fixed points for round conductor.
- **MT81__*** : Hexagonal end fitting. A circumferential braking system prevents the clamp from turning under the weight of the cable. Separate by simple pulling. With a crimped lug (12 mm Ø hole).

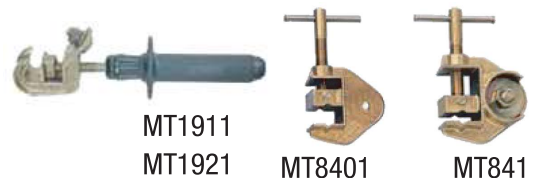


MT1911E MT811C MT812C MT813C MT8142 MT815C MT817C MT1921S1
MT1921E MT8143

Part Number	Icc (kA/1s)	Dimensions mm	Conductors		Weight kg	Description
			Cylindrique/ plat	Sphere		
MT1911E	20	40 x 79 x 220	• Ø 8-25 mm	• 20-25 mm	0.58	Bronze - Alluminium
MT1921E MT1921S1	30	40 x 79 x 225	• Ø 10-25 mm — 25 mm	• 25.4 mm	0.69	Bronze - Alluminium
MT811C	21	35 x 77 x 157	• Ø 5-16		0.33	Alliage Alluminium
MT812C	21	35 x 79 x 143	• Ø 5-16 — 0-16		0.2	Alliage Alluminium
MT813C	21	35 x 79 x 169	• 40x16		0.33	Alliage Alluminium
MT8142	14.5	85 x 56 x 192	• Ø 5-28		0.66	Bronze - Alluminium
MT8143	14.5	85 x 56 x 195	• Ø 18-33		0.62	Bronze - Alluminium
MT817C	21	30 x 90 x 140	• Ø 5-16 — 40x16		0.33	Alliage Alluminium
MT815C MT815E	30	44 x100x180	• Ø 5-35 — 40x16 — 40x5		0.65	Alliage Alluminium

Ground clamps

- **MT84*** : Ground vice cupro-aluminum alloy.
- **MT19__*** : For round fixed points for round or flat conductor.



MT1911

MT1921

MT8401

MT841

Part Number	Icc (kA/1s)	Dimensions mm	Conductors Ø	Weight kg	Description
MT1911	20	40 x 79 x 320	• Ø 8-20 mm	0.69	With handle for fixed point • 20-25mm
MT1921	30	40 x 79 x 325	• Ø 8-25 mm — 25 mm	0.69	With handle for fixed point • 25.4 mm
MT8401	20	40 x 79 x 135	• Ø 6-25 — 0-25	0.48	Thread Ø 12.5 mm
MT841	30	40 x 79 x 135	• Ø 6-25 — 0-30	0.48	Connect. Fontenay ≤50 mm
MT870	20	70 x 90 x 50	• Ø 6-25 — 0-30mm	0.82	Vice with lock and communal key.



MT870

Arc Flash Kits

/ Category 2

- Minimum Arc Rating of 8 cal/cm
- Meets ASTM F1506-10a, and OSHA 1910.269
- Compliant for Arc Flash NFPA 70E-2015 & CSA Z462-15

Kit includes :

- FR UltraSoft Coverall
- Arc Flash Helmet with visor 8 CAL/CM2
- Safety Glasses
- Balaclava
- FR transport bag (Flame Resistant)

- **Options :** Insulated Gloves (not included).

/ Ordering information

Coverall	Transport Bag	Helmet with Arc Flash visor	Protective glasses	Balaclava	Gloves and over gloves	
						
✓	✓	✓	✓	✓	-	ARC-KITCT2USACBM8-BNG-__**
✓	✓	✓	✓	-	-	ARC-KITCT2USACBM8-NG-__**

(**) Indicate size_ _ : SM, MD, LG, XL, 2XL, 3XL, 4XL



/ Category 1

Minimum flame retardant protection of :

4 Cal/cm²

FLAME RETARDANT CLOTHING (**) BASIC EPI (*)

- | | |
|--|------------------------|
| ** Long sleeve shirt, pants or cover all | * Safety Helmet |
| ** Face Shield | * Safety glasses |
| ** Coat, parka, rain suit as needed | * Ear plugs |
| | * Leather safety shoes |
| | * Leather over gloves |



/ Category 2

Minimum flame retardant protection of :

8 Cal/cm²

FLAME RETARDANT CLOTHING (**) EPI DE BASE (*)

- | | |
|--|------------------------|
| ** Long sleeve shirt, pants or cover all | * Safety Helmet |
| ** Balaclava with face shield or full hood | * Safety glasses |
| ** Coat, parka, rain suit as needed | * Ear plugs |
| | * Leather safety shoes |
| | * Leather over gloves |



The information contained in these tables does not replace the standards in force.

Arc Flash Kits

/ Category 4

- Minimum Arc Rating of 40 cal/cm²
- Meets ASTM F1506-10a, F2178 et OSHA 1910.269
- Compliant for Arc Flash NFPA 70E-2015 & CSA Z462-15

Kit inclus :

- Short Coat and Overall, ArcGuard® Compliance™ CrossVent™.
- Balaclava with integrated protective helmet
- Safety Glasses.
- FR transport bag (Flame Resistant).

- **Option :** Ventilated hood powered by 9 volt battery.

- **Options :** Insulated Gloves (not included).

/ Ordering information

Short coat and overalls	Transport Bag	Safety glasses	Hood	Ventilated hood (pile 9 volts)	Gloves and overgloves	
						
✓	✓	✓	✓	-	-	ARC-KITMC4AGC9BM40-__**
✓	✓	✓	-	✓	-	ARC-KITMCCV4AGC9M40-__**

(**) Indicate size_ : SM, MD, LG, XL, 2XL, 3XL, 4XL



/ Category 3

Minimum flame retardant protection of :

25 Cal/cm²

FLAME RETARDANT CLOTHING (**) EPI DE BASE (*)

- | | |
|--|------------------------|
| ** Long sleeve shirt, pants or cover all | * Safety Helmet |
| ** 2 layer coat | * Safety Glasses |
| ** 2 layer Overalls | * Ear plugs |
| ** 2 layer integrated hood | * Leather safety shoes |
| ** Safety gloves | |
| ** Coat, parka, rain suit as needed. | |



/ Category 4

Minimum flame retardant protection of :

40 Cal/cm²

FLAME RETARDANT CLOTHING (**) EPI DE BASE (*)

- | | |
|--|------------------------|
| ** Long sleeve shirt, pants or cover all | * Safety Helmet |
| ** 3 layer coat | * Safety Glasses |
| ** 3 layer Overalls | * Ear plugs |
| ** 3 layer integrated hood | * Leather safety shoes |
| ** Safety gloves | |
| ** Coat, parka, rain suit as needed. | |



The information contained in these tables does not replace the standards in force.

Voltage Detectors - Medium Voltage

- "Ultra compact series" for indoor and outdoor use
- Ultimate technology of voltage detector "head capacitive technology"
- Compact and light, it offers a wide band (10/36 kV)
- Precise and stable operating threshold
- Universal application 50/60 Hz
- High environmental resistance (impacts, vibrations, moisture)
- End fittings: C (Hexagonal 12 mm) or K (Universal)

• Operation Check :

By pressing the TEST button:

- A **RED LED** flashes on,
 - Powerful rated audible signal > 60 dB(A) / 2 m.
 - When loosening the button, the timed **GREEN LED** lights up.
- While remaining on, it indicates the good working order of the detector.



CC765...C

End fittings C.



CC765...K

End fittings K.



End fittings K



End fittings C



Part Number	Nominal Tension between phases 	 Type 6 LR-61	
CC765310(*)	3 - 10 KV	9V	0.65
CC7655520(*)	5.5 - 20 KV	9V	0.65
CC7651030(*)	10 - 30 KV	9V	0.65
CC7651036(*)	10 - 36 KV	9V	0.65
CC7652572(*)	25 - 72 KV	9V	0.65
CC765271225(*)	Dual Threshold 2KV à 7KV- 12KV à 25KV	9V	0.65

(*) Select the end fitting required : C, or K.

Voltage Detectors - Low Voltage

/ CL10 Piezo Electric Tester

- Piezotest separate testing device for phase comparator.
- To perform mandatory testing on the controllers before and after each use • Delivered with storage case.

/ MS917, 918 & 920

- DETEX voltage detectors.
- To detect absence of voltage and check voltage levels.
- Sound and light continuity for non live circuit.
- Unipolar identification of the phase.
- Search for the polarities of a DC circuit.
- Check two wire method.



/ Ordering information

Part Number	Nominal Tension between phases ~	~	Ω Continuity	Temperature	Weight
CL 106	10 - 20 - 30 kV	-	-	-	0.32
MS 917	12 - 690 V AC 12 - 800 V DC	50 - 60 Hz	<100 Ω	-15/+45C°	0.21

Voltage Detectors - High Voltage

/ CC-246 Voltage Detector

- AC voltage detector for outdoor use.
- Precise and stable operating threshold.
- Insensitivity to induced voltages by limiting the operating voltage range.
- Remarkably resistant to impacts, vibrations, extreme temperatures and Humidity.
- Double signaling, Visual and Audible signal.
- End Fittings: C (Hexagonal 12 mm) or K (Universal).



/ Ordering information

Part Number	Nominal Tension between phases ~	Contact Electrode	type 6 LR 61	🌡️	kg
CC2466390(*)	63 - 90 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC24660150(*)	60 - 150 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC24690225(*)	90 - 225 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC246150(*)	150 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC246120245(*)	120 - 245 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC246150420(*)	150 - 420 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC246225420(*)	225 - 420 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC246225550(*)	225 - 550 kV	Ø 120mm	9 V	-25/+55C°	0.65
CC246315765(*)	315 - 765 kV	Ø 120mm	9 V	-25/+55C°	0.65



Insulating sticks

/ MT - Telescopic sticks for earthing system

- For voltage short circuiting and earthing systems.
- For use in dry conditions.

/ CE - Telescopic sticks for voltage detectors

- For voltage detectors and earthing systems.
- For use in dry and wet conditions.
- Elements made of resin polyester/ glass fiber. Lockable button.

/ CF - Fixed length sticks (with Skirts)

- For short circuiting and earthing system.
- For use in wet and dry conditions.
- Element made of glass fiber/resin epoxy foam.
- Isolated skirts polycarbonate, (Ø100 mm, H90 mm) resist shocks.

/ CM - Insulating stick bags

- Strong waterproof canvas cases.
- Shoulder strap and heavy duty zipper closure.



/ Ordering information

Part Number	~	Ø mm	Folded ↔	Extended ↔	kg ⚖	Bags
MT830P	45 kV	?	0.64 m	1.50 m	-	CM110
CE421(*)	90 kV	41/32	1.15 m	2 m	1.5	
CE430C	150 kV	41/32	1.75 m	3 m	2	CM115
CE5105(*)	220 kV	63.5/27.5	1,66 m	10,75 m	5.4	
C590(*)	220 kV	57.5/27.5	1,61 m	9,25 m	4.2	
CE570(*)	220 kV	52.5/27.5	1,56 m	7,8 m	3.3	
CE560(*)	220 kV	47.5/27.5	1,51 m	6,4 m	2.5	
CE550(*)	220 kV	42.5/27.5	1,46 m	5 m	1.9	
CF540(*)	40 kV	36	1,50 m	-	1.15	
CF590(*)	90 kV	36	2 m	-	1.55	CM120
CF5110(*)	110 kV	36	2,5 m	-	2	
CF5170(*)	170 kV	36	3 m	-	2.4	

(*) Please specify type C or K when ordering (K: universal, C: Hexagonal)

Connection adaptors

- These connections allow to adapt a detector, a MALT or a tool on a pole which would not have the same adaptor.

Accessory	Hexagonal			Universal			Bayonet	
	 C			 K			 E	
Adaptation connection	 CI7C	 CI6C-2	 CI5C	 CI4K	 CI7K	 CI5K	 CI7E	 CI4E
	 E	 K	 S	 C	 E	 S	 K	 C

Operating and rescue sticks

/ CM - Operating sticks

- White resin polyester/glass fiber foam filled tube.
- Delivered with wall mounted supports CI-06-D.
- For use in dry conditions.

/ CS - Rescue sticks

- White resin polyester/glass fiber foam filled tube.
- Delivered with wall mounted supports CI-06-D
- Delivered with non removable rescue hook.
- For use in dry conditions.

/ Ordering information

Part Number	~	↔	kg
CM45	45 kV	1.50 m	0.75
CS45	45 kV	1.65 m	1
CM90	90 kV	1.85 m	0.80
CS90	90 kV	2.05 m	1.10
CM225	225 kV	2,25 m	0.85
CS225	225 kV	2.45 m	1.35



Stick accessories

Part Number	Description	kg	
CM02(*)	Operating Hook Bronze-Copper Nickel aluminium.	(120g)	
CM03K	Operating Hook Bronze-Copper Nickel aluminium.	(120g)	
CS01C	Rescue Hook On stick equipped with a "C" end fitting.	(350g)	



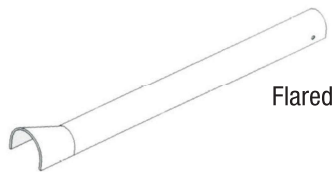
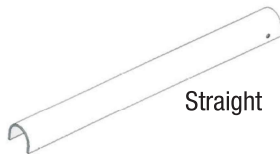
(*) Select the end fitting required : C, or K.

Distribution

/ "U" Cable guards

- The U shaped cable guards are used to protect the above and underground cables installed on distribution poles.
- The flared guards allow installation over the above and underground pipes.

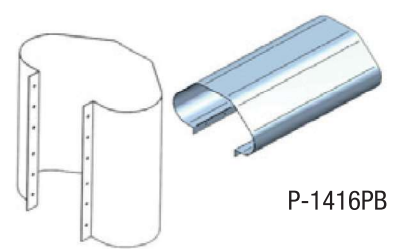
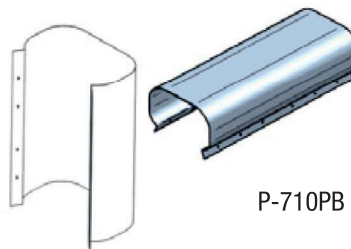
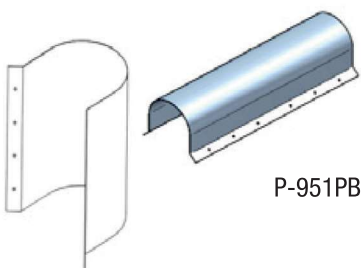
Part Number	Material	Type	Length (pi)	Diameter (po)	Weight approx. (kg)
P-2148UCG	Galvanized steel	Straight	8	2 1/4	0.59
P-3148UCG	Galvanized steel	Straight	8	3 1/4	0.91
P-4148UCG	Galvanized steel	Straight	8	4 1/4	1.27
P-2148UCGF	Galvanized steel	Flared	8	2 1/4	0.59
P-3148UCGF	Galvanized steel	Flared	8	3 1/4	0.84
P-4148UCGF	Galvanized steel	Flared	8	4 1/4	1.37



/ Pole pilasters

- The pole pilasters are used as concrete formwork for mechanical protection of overhead-underground conduits located at the base of the distribution poles.
- Installation of the pole is made with twelve 1/4 lag bolts.

Part Number	Material	Height (mm)	Width (mm)	Application	Pipe Diam. (mm)	Weight approx. (kg)
P-710PB	Galvanized steel	1000	324	2 pipe	50	8.4
P-951PB	Galvanized steel	1000	411	2 pipe	100	11.3
P-1416PB	Galvanized steel	1000	648	4 pipe	100	16.9

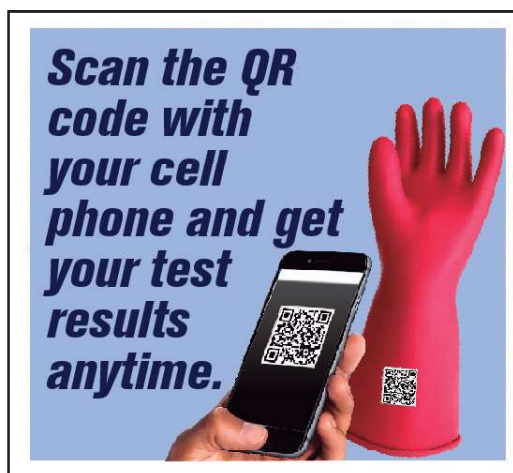


Electrical verification service

/ Certification laboratory at our factory

CICAME ENERGIE offers an electrical safety equipment verification service in accordance with CSA 462 standards corresponding to each part. Our online data management system allows us to offer a high added value service, the results of our tests can be consulted at any time, via a smart phone and thus have access to the certification history of each piece of equipment.

- Insulating gloves
- Insulating pole
- Voltage detector
- Grounding
- Arc flash helmet and clothing
- Lifeline harness
- Carpets and stools
- Etc.



/ Mobile unit

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