



OFFICE AND WAREHOUSE

C/ Thomas Alva Edison, 16-17
Pol. Industrial Plans d'Arau
08787 La Pobla de Claramunt (Barcelona) Spain

FACTORY

C/ Thomas Alva Edison, 12-13
Pol. Industrial Plans d'Arau
08787 La Pobla de Claramunt (Barcelona) Spain

CUSTOMER SERVICE

Tel. +34 93 808 79 80
export@sofamel.es

www.sofamel.com

Sofamel S.L. is a Spanish company dedicated to the production of electrical material of connection as well as safety and electrical protection material.

Sofamel's main objective has been to reach a high degree of specialization with the aim of providing a global solution for our clients. The same backed up by strict quality standards and by important investments in machinery and design for the manufacturing of all those products that our factory produces. This has allowed us to offer one of the most extensive ranges of articles that exists on the market.

Our commitment with excellent quality work allows our company to own the quality management system certificate under standard UNE-EN ISO 9001:2015 and R+D+i certificate under standard UNE 166002:2021, both duly granted by the Spanish Association for Standardization and Certification (AENOR).



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1000V Insulated Tool Electrician Kits

- 06 Kit KT-1000/37
- 07 Kit KBT-1000/19
- 08 Kit KTS-1000/56

1000V Insulated kits tools

- 10 Insulated "Phillips" crosshead screwdriver
- 10 Insulated flathead screwdriver
- 10 Set of insulated flathead and "Phillips" crosshead screwdrivers
- 11 Insulated universal pliers 175 mm
- 11 Insulated wire-cutting pliers 180 mm
- 11 Insulated needle nose pliers 200 mm
- 11 Insulated wire-cutting pliers 230 mm
- 12 Pliers wrench
- 12 Adjustable spanner 250 mm
- 13 Insulated knife - 180 mm
- 13 Insulated open-ended spanner
- 13 Set of insulated open-ended spanners
- 14 Insulated T shaped hex key
- 14 L-shaped hex key
- 14 Set of insulated T shaped hex keys
- 14 Insulated short extension for 3/8" ratchet
- 15 Cross key
- 15 Insulated ratchet wrench for 3/8" ratchet
- 15 Set of insulated 3/8" sockets Hexagon/female sockets



Electrician Kits

1000V insulated tools

Tool kit

TOOLS CATALOG



Code	Version	Dimensions
410220	KT-1000/37	300 x 430 x 200 mm
600161	MAF-430 case without tools	

410 KT-1000/37

- **Contents:**
1000 V Insulated Tools
(according to EN 60900, IEC 900 VDE 0682-201)

- | Code | Description: |
|--------|---|
| 410005 | Universal insulated pliers 175 mm |
| 410015 | Needle nose pliers 200 mm |
| 410025 | Cutting pliers 180 mm |
| 410035 | Insulated knife 180 mm |
| 410046 | Insulated flathead screwdriver 3 x 100 mm |
| 410047 | Insulated flathead screwdriver 4 x 100 mm |
| 410048 | Insulated flathead screwdriver 5.5 x 125 mm |
| 410049 | Insulated flathead screwdriver 8 x 175 mm |
| 410050 | Insulated "Phillips" screwdriver 0 x 60 mm |
| 410051 | Insulated "Phillips" screwdriver 1 x 80 mm |
| 410052 | Insulated "Phillips" screwdriver 2 x 175 mm |
| 410053 | Insulated "Phillips" screwdriver 3 x 200 mm |
| 410056 | Insulated 4 mm hex key |
| 410057 | Insulated 5 mm hex key |
| 410058 | Insulated 6 mm hex key |
| 410059 | Insulated 8 mm hex key |
| 410060 | Insulated 9 mm hex key |
| 410061 | Insulated 10 mm hex key |
| 410065 | Ratchet wrench 3/8" |
| 410075 | Insulated long extension 3/8" 300 mm |
| 410086 | Insulated 8 mm socket spanner 3/8" |
| 410087 | Insulated 9 mm socket spanner 3/8" |
| 410088 | Insulated 10 mm socket spanner 3/8" |
| 410089 | Insulated 13 mm socket spanner 3/8" |
| 410090 | Insulated 14 mm socket spanner 3/8" |
| 410091 | Insulated 16 mm socket spanner 3/8" |
| 410092 | Insulated 18 mm socket spanner 3/8" |
| 410093 | Insulated 19 mm socket spanner 3/8" |
| 410094 | Insulated 17 mm socket spanner 3/8" |
| 410096 | Insulated open-ended spanner 10 mm |
| 410097 | Insulated open-ended spanner 13 mm |
| 410098 | Insulated open-ended spanner 14 mm |
| 410099 | Insulated open-ended spanner 16 mm |
| 410100 | Insulated open-ended spanner 17 mm |
| 410101 | Insulated open-ended spanner 19 mm |
| 410105 | Cable cutting pliers 230 mm |
| 600161 | Small front-opening tool case MAF-430 |



Electrician Kits

1000V insulated tools

Tool kit

TOOLS CATALOG



410 KBT-1000/19

- **Contents:**
1000 V Insulated Tools (according to EN 60900, IEC 900 VDE 0682-201) and voltage meters

Code	Description:
410005	Universal insulated pliers 175 mm
410015	Needle nose pliers 200 mm
410025	Cutting pliers 180 mm
410035	Insulated knife 180 mm
410046	Insulated flathead screwdriver 3 x 100 mm
410047	Insulated flathead screwdriver 4 x 100 mm
410048	Insulated flathead screwdriver 5.5 x 125 mm
410050	Insulated "Phillips" screwdriver 0 x 60 mm
410051	Insulated "Phillips" screwdriver 1 x 80 mm
410052	Insulated "Phillips" screwdriver 2 x 175 mm
410096	Insulated open-ended spanner 10 mm
410097	Insulated open-ended spanner 13 mm
410098	Insulated open-ended spanner 14 mm
410099	Insulated open-ended spanner 16 mm
410100	Insulated open-ended spanner 17 mm
410101	Insulated open-ended spanner 19 mm
410105	Cable cutting pliers 230 mm
635360	Multimeter CTL-1000
600162	Protective case with pouches for organising tools OHB-350

Code	Version	Dimensions
410200	KBT-1000/19	200 x 350 x 50 mm
600162	OHB-350 Briefcase without tools	





Electrician Kits

1000V insulated tools

Tool kit

TOOLS CATALOG



410 KTS-1000/56

Code	Version	Dimensions
410210	KTS-1000/56	280 x 430 x 250 mm
600160	BKE-1680D M bag without tools	



■ Contents:

Code Description:

410005 Universal insulated pliers 175 mm
 410015 Needle nose pliers 200 mm
 410025 Cutting pliers 180 mm
 410035 Insulated knife 180 mm
 410046 Insulated flathead screwdriver 3 x 100 mm
 410047 Insulated flathead screwdriver 4 x 100 mm
 410048 Insulated flathead screwdriver 5.5 x 125 mm
 410049 Insulated flathead screwdriver 8 x 175 mm
 410051 Insulated "Phillips" screwdriver 1 x 80 mm
 410070 Insulated "Phillips" screwdriver 2 x 100 mm
 410071 Insulated "Phillips" screwdriver 3 x 150 mm
 410105 Cable cutting pliers 230 mm
 410072 Insulated 3 mm Allen key
 410073 Insulated 4 mm Allen key
 410074 Insulated 6 mm Allen key
 410081 Insulated adjustable spanner 250 mm
 410082 Insulated pliers wrench 250 mm
 410065 Ratchet wrench 3/8"
 410075 Insulated long extension 3/8" 300 mm
 410086 Insulated 8 mm socket spanner 3/8"
 410087 Insulated 9 mm socket spanner 3/8"
 410088 Insulated 10 mm socket spanner 3/8"
 410001 Insulated 12 mm socket spanner 3/8"
 410089 Insulated 13 mm socket spanner 3/8"
 410090 Insulated 14 mm socket spanner 3/8"
 410091 Insulated 16 mm socket spanner 3/8"
 410092 Insulated 18 mm socket spanner 3/8"
 410093 Insulated 19 mm socket spanner 3/8"
 410094 Insulated 17 mm socket spanner 3/8"

410003 Wrench 3/8" LV-22
 410004 Wrench 3/8" LV-23
 410201 Insulated open-ended spanner 8 mm
 410096 Insulated open-ended spanner 10 mm
 410202 Insulated open-ended spanner 11 mm
 410203 Insulated open-ended spanner 12 mm
 410097 Insulated open-ended spanner 13 mm
 410098 Insulated open-ended spanner 14 mm
 410099 Insulated open-ended spanner 16 mm
 410100 Insulated open-ended spanner 17 mm
 410101 Insulated open-ended spanner 19 mm
 565099 White helmet SP-181
 570120 Face shield SP-182
 600151 Holdall bag BA-0.6 x 10
 585001 Insulating blanket class 0 MA0-1010 1x1 m
 595114 6 Insulated clamps for blankets 50 mm 1 kV AC / 1.5 kV DC
 595200 5 Insulating cable caps class 0 6-16 mm²
 530160 Dielectric glove SG-50 T10
 540114 Leather over glove SG-C
 635360 Multimeter CTL-1000
 595010 Black insulating tape 10 m 0.15 mm PVC
 595030 Yellow/green insulating tape 20 m 0.15 mm PVC
 595040 Blue insulating tape 10 m 0.15 mm PVC
 595060 Grey insulating tape 10 m 0.15 mm PVC
 595070 Brown insulating tape 10 m 0.15 mm PVC
 595080 Red insulating tape 10 m 0.15 mm PVC
 600160 Bag for insulated tools and electrical kits BKE-1680D M

1000 V Insulated Tools



According to EN 60900, IEC 900 VDE 0682-201) and 1000 V electrical insulation





1000V / 22
IEC 60900




410 Insulated "Phillips" crosshead screwdriver

Code	Ref.	 mm	 mm
410050	PH0x60	3	60
410051	PH1x80	4.5	80
410052	PH2x175	6	175
410053	PH3x200	8	200



1000V / 22
IEC 60900

410 Insulated flathead screwdriver

Code	Ref.	 mm	 mm	 mm
410046	PL3x100	3	0.6	100
410047	PL4x100	4	0.8	100
410048	PL5.5x125	5.5	1	125
410049	PL8x175	8	1.6	175



1000V / 22
IEC 60900

410 Set of insulated flathead and "Phillips" crosshead screwdrivers

Contents:

Flathead Screwdrivers:

Insulated flathead screwdriver FL3 x 100 mm

Insulated flathead screwdriver FL4 x 100 mm

Insulated flathead screwdriver FL5.5 x 125 mm

Insulated flathead screwdriver FL8 x 175 mm

Crosshead screwdrivers:

Insulated "Phillips" screwdriver PH0 x 3 x 60 mm

Insulated "Phillips" screwdriver PH1 x 4.5 x 80 mm

Insulated "Phillips" screwdriver PH2 x 6 x 175 mm

Insulated "Phillips" screwdriver PH3 x 8 x 200 mm

Code	Ref.
410045	Set of insulated flathead and "Phillips" crosshead screwdrivers

Insulated Kits Tools

1000V insulated tools

Pliers

TOOLS CATALOG



1000V / 22
IEC 60900

410 Insulated universal pliers 175 mm

Code	Ref.	Length
410005	Plier AU-175	175 mm

- With gripping zones for flat and round materials, very versatile.
- For cutting soft and hard wire.
- Head with extra flat shape and laterally rounded.
- Made of tempered steel and chrome finish.



1000V / 22
IEC 60900

410 Insulated wire-cutting pliers 180 mm

Code	Ref.	Capacity	Length
410025	Plier AC-180	Ø 1.6 mm	180 mm

- To cut cable, nails, metal mesh and plates.
- Suitable for cutting copper and aluminum cables.



1000V / 22
IEC 60900

410 Insulated needle nose pliers

Code	Ref.	Length
410014	Plier PF-160	160 mm
410015	Plier PF-200	200 mm

- Stretched gripping surface.
- For holding cables, thin parts or small components size.
- To access narrow places that are difficult to access.



1000V / 22
IEC 60900

410 Insulated wire-cutting pliers 230 mm

Code	Ref.	Length
410105	Plier AC-230	230 mm

- Suitable for cutting copper and aluminum cables.
- Ergonomic bi-material handles for a comfortable grip.
- It allows repetitive operations to be carried out, without causing fatigue.

Insulated Kits Tools

1000V insulated tools

Adjustable spanner

TOOLS CATALOG



410 Adjustable spanner 250 mm

Code	Ref.	Length
410081	LAJ-250	250 mm

- Excellent performance and long service life.
- It has a manual adjustment screw for a fast and precise adjustment of the width of the mouth.
- For fixing elements of all sizes, thanks to its mobile jaw.

Pliers wrench



410 Pliers wrench

Code	Ref.	Length
410082	APL-250	250 mm

- Large opening capacity, to hold rods/tubes.
- Easy access to nuts and connections.
- High resistance to torsion and bending.



1000V / 22
IEC 60900

410 Insulated knife - 180 mm

Code	Ref.	Length
410035	Knife CA-180	180 mm

- Blade specially adapted to cut the outer sheath of cables without damaging the inner conductors.
- With hook blade.
- Double edged blade.
- Comfortable dual component handle.



1000V / 22
IEC 60900

410 Insulated open-ended spanner

Code	Ref.	spanner	Length
410201	Spanner LF-8	8	80 mm
410096	Spanner LF-10	10	100 mm
410202	Spanner LF-11	11	110 mm
410203	Spanner LF-12	12	120 mm
410097	Spanner F-13	13	130 mm
410098	Spanner F-14	14	140 mm
410099	Spanner F-16	16	160 mm
410100	Spanner F-17	17	170 mm
410101	Spanner F-19	19	190 mm

- Angled head to facilitate tightening.
- Material: hardened steel.
- Insulation material: PP/TPR.
- Treatment of the insulating layer: dipping.



410 Set of insulated open-ended spanners

Code	Ref.
410095	Set of insulated open-ended spanners

Contents:

- 8 mm open-ended spanner - 80 mm long.
- 10 mm open-ended spanner - 100 mm long.
- 11 mm open-ended spanner - 110 mm long.
- 12 mm open-ended spanner - 120 mm long.
- 13 mm open-ended spanner - 130 mm long.
- 14 mm open-ended spanner - 140 mm long.
- 15 mm open-ended spanner - 150 mm long.
- 16 mm open-ended spanner - 160 mm long.
- 17 mm open-ended spanner - 170 mm long.
- 19 mm open-ended spanner - 190 mm long.



410 Insulated T shaped hex key

Code	Ref.	Spanners	Dimensions
410056	Key T HEX - 4	4	90 x 200 mm
410057	Key T HEX - 5	5	
410058	Key T HEX - 6	6	
410059	Key T HEX - 8	8	
410060	Key T HEX - 9	9	
410061	Key T HEX - 10	10	

- Material: hardened steel.
- Insulation material: PP/TPR.
- Treatment of the insulating layer: dipping.

410 L-shaped hex key

Code	Ref.	Length
410073	L-shaped hex key	4 mm
410074		6 mm

- Material: hardened steel.
- Insulation material: PP/TPR.
- Treatment of the insulating layer: dipping.

410 Set of insulated T shaped hex keys

Code	Ref.
410055	Set of insulated T shaped hex keys

Contents:

- 4 mm T shaped hex key - 90 x 200 mm
- 5 mm T shaped hex key - 90 x 200 mm
- 6 mm T shaped hex key - 90 x 200 mm
- 8 mm T shaped hex key - 90 x 200 mm
- 9 mm T shaped hex key - 90 x 200 mm
- 10 mm T shaped hex key - 90 x 200 mm

410 Insulated short extension for 3/8" ratchet

Code	Ref.	Length
410075	Extension for 3/8" ratchet	300 mm

- Material: hardened steel.
- Insulation material: PP/TPR.
- Treatment of the insulating layer: dipping.





410 Cross Key

Code	Ref.	Keys	Length
410300	Cross Key	6/8/10/12	150 mm
410301	Cross Key	7/9/11/13	
410302	Cross Key	8/10/12/14	
410303	Cross Key	8/10/13/17	
410304	Cross Key	10/12/13/17	
410305	Cross Key	10/13/14/17	
410306	Cross Key	10/13/17/19	
410307	Cross Key	13/14/16/17	
410308	Cross Key	13/16/17/19	

- Multi-point tool.
- 4 galvanically separated socket wrenches.
- Insert made of CrV steel.
- Handle made of insulating material - glass fiber reinforced polyamide.
- Tool manufactured in accordance with IEC 60900.



410 Insulated socket wrench 3/8"

Code	Ref.	Dimensions
410065	Insulated key LC-3/8	3/8"

- Material: hardened steel.
- Insulation material: PP/TPR.
- Treatment of the insulating layer: injection.

Sockets



410 Set of insulated 3/8" sockets Hexagon/female sockets

Code	Ref.
410085	Set of insulated 3/8" sockets Hexagon/female sockets.

Contents:

- 8 mm insulated socket 3/8"
- 9 mm insulated socket 3/8"
- 10 mm insulated socket 3/8"
- 13 mm insulated socket 3/8"
- 14 mm insulated socket 3/8"
- 16 mm insulated socket 3/8"
- 17 mm insulated socket 3/8"
- 18 mm insulated socket 3/8"
- 19 mm insulated socket 3/8"

Insulated collar on each socket to prevent arcing.



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