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**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	







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# 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	410003	Wrench 3/8" LV-22
410015	Needle nose pliers 200 mm	410004	Wrench 3/8" LV-23
410025	Cutting pliers 180 mm	410201	Insulated open-ended spanner 8 mm
410035	Insulated knife 180 mm	410096	Insulated open-ended spanner 10 mm
410046	Insulated flathead screwdriver 3 x 100 mm	410202	Insulated open-ended spanner 11 mm
410047	Insulated flathead screwdriver 4 x 100 mm	410203	Insulated open-ended spanner 12 mm
410048	Insulated flathead screwdriver 5.5 x 125 mm	410097	Insulated open-ended spanner 13 mm
410049	Insulated flathead screwdriver 8 x 175 mm	410098	Insulated open-ended spanner 14 mm
410051	Insulated "Phillips" screwdriver 1 x 80 mm	410099	Insulated open-ended spanner 16 mm
410070	Insulated "Phillips" screwdriver 2 x 100 mm	410100	Insulated open-ended spanner 17 mm
410071	Insulated "Phillips" screwdriver 3 x 150 mm	410101	Insulated open-ended spanner 19 mm
410105	Cable cutting pliers 230 mm	565099	White helmet SP-181
410072	Insulated 3 mm Allen key	570120	Face shield SP-182
410073	Insulated 4 mm Allen key	600151	Holdall bag BA-0.6 x 10
410074	Insulated 6 mm Allen key	585001	Insulating blanket class 0 MA0-1010 1x1 m
410081	Insulated adjustable spanner 250 mm	595114	Insulated clamp for blankets 50 mm 1 kV AC / 1.5 kV DC
410082	Insulated pliers wrench 250 mm	595200	Insulating cable cap class 0 6-16 mm <sup>2</sup>
410065	Ratchet wrench 3/8"	530160	Dielectric glove SG-50 T10
410075	Insulated long extension 3/8" 300 mm	540114	Leather over glove SG-C
410086	Insulated 8 mm socket spanner 3/8"	653430	Tester BVD-1500
410087	Insulated 9 mm socket spanner 3/8"	595010	Black insulating tape 10 m 0.15 mm PVC
410088	Insulated 10 mm socket spanner 3/8"	595030	Yellow/green insulating tape 20 m 0.15 mm PVC
410001	Insulated 12 mm socket spanner 3/8"	595040	Blue insulating tape 10 m 0.15 mm PVC
410089	Insulated 13 mm socket spanner 3/8"	595060	Grey insulating tape 10 m 0.15 mm PVC
410090	Insulated 14 mm socket spanner 3/8"	595070	Brown insulating tape 10 m 0.15 mm PVC
410091	Insulated 16 mm socket spanner 3/8"	595080	Red insulating tape 10 m 0.15 mm PVC
410092	Insulated 18 mm socket spanner 3/8"	600160	Bag for insulated tools and electrical kits BKE-1680D M
410093	Insulated 19 mm socket spanner 3/8"		
410094	Insulated 17 mm socket spanner 3/8"		

#### 1000 V Insulated Tools

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



# Insulated Kits Tools

1000V insulated tools




## Screwdrivers

TOOLS CATALOG



1000V / 22  
IEC 60900





### 410 Insulated "Phillips" crosshead screwdriver

Code	Ref.	 mm	 mm	 mm
410050	PH0x60	3	30	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	 mm
410046	PL3x100	3	0.6	30	100
410047	PL4x100	4	0.8		100
410048	PL5.5x125	5.5	1	50	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 200 mm

Code	Ref.	Length
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 Insulated ratchet wrench for 3/8" ratchet

Code	Ref.	Dimensions
410065	Insulated ratchet 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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