



# ELECTRICIAN KITS

1000V INSULATED TOOLS



**OFFICE AND WAREHOUSE**

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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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## 30701 BEC

### Compact tool bag

Content:

Code	Description:
410005	Insulated universal plier 180 mm
410046	Insulated flathead screwdriver 3 x 100 mm
410047	Insulated flathead screwdriver 4 x 100 mm
410051	Insulated "Phillips" screwdriver 1 x 80 mm
316000	TS-50 Scissors

### Insulated Tools 1000V

(conf. to EN 60900, IEC 900 VDE 0682-201)

Code	Version	Dimensions
600171	BEC-5 tool bag with equipment	180 x 270 x 50 mm
600170	BEC-V tool bag without equipment	



## 30121 KBT-1000/19

Contents:

Code	Description:
410005	Insulated universal plier 180 mm
410015	Insulated needle nose plier 200 mm
410025	Insulated wire-cutting plier 180 mm
410115	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
410203	Insulated open-ended spanner 12 mm
410097	Insulated open-ended spanner 13 mm
410098	Insulated open-ended spanner 14 mm
410100	Insulated open-ended spanner 17 mm
410101	Insulated open-ended spanner 19 mm
410105	Insulated wire-cutting plier 230 mm
635360	Multimeter CTL-1000
600162	Protective case with pouches for organising tools OHB-350

### 1000 V Insulated Tools and voltage meters

(according to EN 60900, IEC 900 VDE 0682-201)

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 CATALOGUE



## 30121 KT-1000/37

■ Contents:

- | Code   | Description:                                |
|--------|---|
| 410005 | Insulated universal plier 180 mm            |
| 410015 | Insulated needle nose plier 200 mm          |
| 410025 | Insulated wire-cutting plier 180 mm         |
| 410115 | Insulated knife 190 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 100 mm |
| 410053 | Insulated "Phillips" screwdriver 3 x 150 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"          |
| 410088 | Insulated 10 mm socket spanner 3/8"         |
| 410083 | Insulated 11 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"         |
| 410093 | Insulated 19 mm socket spanner 3/8"         |
| 410094 | Insulated 17 mm socket spanner 3/8"         |
| 410096 | Insulated open-ended spanner 10 mm          |
| 410203 | Insulated open-ended spanner 12 mm          |
| 410097 | Insulated open-ended spanner 13 mm          |
| 410098 | Insulated open-ended spanner 14 mm          |
| 410100 | Insulated open-ended spanner 17 mm          |
| 410101 | Insulated open-ended spanner 19 mm          |
| 410105 | Insulated wire-cutting plier 230 mm         |
| 600161 | Small front-opening tool case MAF-430       |

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

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







# Electrician Kits

## 1000V insulated tools

Tool kit

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### 30121 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	Insulated universal plier 180 mm	410201	Insulated open-ended spanner 8 mm
410015	Insulated needle nose plier 200 mm	410096	Insulated open-ended spanner 10 mm
410025	Insulated wire-cutting plier 180 mm	410202	Insulated open-ended spanner 11 mm
410035	Insulated knife 180 mm	410203	Insulated open-ended spanner 12 mm
410046	Insulated flathead screwdriver 3 x 100 mm	410097	Insulated open-ended spanner 13 mm
410047	Insulated flathead screwdriver 4 x 100 mm	410098	Insulated open-ended spanner 14 mm
410048	Insulated flathead screwdriver 5.5 x 125 mm	410100	Insulated open-ended spanner 17 mm
410049	Insulated flathead screwdriver 8 x 175 mm	410101	Insulated open-ended spanner 19 mm
410051	Insulated "Phillips" screwdriver 1 x 80 mm	565099	White helmet SP-181
410052	Insulated "Phillips" screwdriver 2 x 100 mm	570120	Face shield SP-182
410053	Insulated "Phillips" screwdriver 3 x 150 mm	600151	Holdall bag BA-0.6 x 10
410105	Insulated wire-cutting plier 230 mm	585001	Insulating blanket class 0 MA0-1010 1x1 m
410072	Insulated 3 mm Allen key	595114	6 Insulated clamps for blankets 50 mm 1 kV AC / 1.5 kV DC
410073	Insulated 4 mm Allen key	595200	5 Insulating cable caps class 0 6-16 mm <sup>2</sup>
410074	Insulated 6 mm Allen key	530160	Dielectric glove SG-50 T10
410081	Insulated adjustable spanner 250 mm	540114	Leather over glove SG-C
410082	Insulated pliers wrench 250 mm	635360	Multimeter CTL-1000
410065	Ratchet wrench 3/8"	595010	Black insulating tape 10 m 0.15 mm PVC
410075	Insulated long extension 3/8" 300 mm	595030	Yellow/green insulating tape 20 m 0.15 mm PVC
410086	Insulated 8 mm socket spanner 3/8"	595040	Blue insulating tape 10 m 0.15 mm PVC
410088	Insulated 10 mm socket spanner 3/8"	595060	Grey insulating tape 10 m 0.15 mm PVC
410001	Insulated 12 mm socket spanner 3/8"	595070	Brown insulating tape 10 m 0.15 mm PVC
410089	Insulated 13 mm socket spanner 3/8"	595080	Red insulating tape 10 m 0.15 mm PVC
410090	Insulated 14 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)



# Insulated Tools Kit

1000V insulated tools

## Screwdrivers



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IEC 60900

### 30102 PH

Insulated "Phillips" screwdriver




Code	Ref.	 mm	 mm
410050	PH0x60	0	60
410051	PH1x80	1	80
410052	PH2x100	2	100
410053	PH3x150	3	150



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IEC 60900

### 30104 PL

Insulated flathead screwdriver



Code	Ref.	 mm	 mm	 mm
410041	PL2.5x75	2,5	0,4	75
410046	PL3x100	3	0,5	100
410042	PL3.5x100	3,5	0,6	100
410047	PL4x100	4	0,8	100
410048	PL5.5x125	5,5	1	125
410043	PL6.5x150	6,5	1,2	150
410049	PL8x175	8	1,2	175



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### 30103 POZ

Insulated "Pozidriv" screwdriver



Code	Ref.	 mm	 mm
410110	POZ-0X60	0	60
410111	POZ-1X75	1	75
410112	POZ-2X100	2	100
410113	POZ-3X150	3	150



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### 30107 TX

Insulated "TORX" screwdriver

Code	Ref.	 mm	 mm
410130	TX-10X80	10	60
410131	TX-15X80	15	75
410132	TX-20X100	20	75
410133	TX-25X100	25	75
410134	TX-30X110	30	100

# Insulated Tools Kit

1000V insulated tools

## Screwdrivers

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### 30111 Screwdriver set

Insulated flathead and "Phillips" screwdrivers

■ **Contenido:**

Flathead Screwdrivers:

- 410046 Insulated flathead screwdriver PL3x100 mm
- 410047 Insulated flathead screwdriver PL4x100 mm
- 410048 Insulated flathead screwdriver PL5.5x125 mm
- 410049 Insulated flathead screwdriver PL8x175 mm

"Phillips" Screwdrivers:

- 410050 Insulated "Phillips" screwdriver PH0x3x60 mm
- 410051 Insulated "Phillips" screwdriver PH1x4.5x80 mm
- 410052 Insulated "Phillips" screwdriver PH2x6x175 mm
- 410053 Insulated "Phillips" screwdriver PH3x8x200 mm

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

## Pliers



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### 30110 A-PFC-200

Insulated bent needle plier - 200 mm

Code	Ref.	Capacity	Length
410021	Plier A-PFC-200	Ø 3,2 mm Ø 2,2 mm	200 mm

- For gripping, bending, cutting, and manipulating wires or cables in confined or hard-to-reach spaces.
- Its curved tip design allows for access to difficult angles and provides greater precision when working with small or delicate components.



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### 30110 AU

Insulated universal plier

Code	Ref.	Length
410005	Plier AU-180	180 mm
410010	Plier AU-200	200 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.



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## 30110 AC-160

Insulated wire-cutting plier - 160 mm

Code	Ref.	Capacity	Length
410026	Plier AC-160	Ø 1.6 mm	160 mm

- To cut cable, nails, metal mesh and plates.
- Suitable for cutting copper and aluminum cables.
- Its compact design allows for use in tight spaces.



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## 30110 AC-200

Insulated wire-cutting plier - 200 mm

Code	Ref.	Capacity	Length
410025	Plier AC-200	Ø 1.6 mm	200 mm

- To cut cable, nails, metal mesh and plates.
- Suitable for cutting copper and aluminum cables.
- Its compact design allows for use in tight spaces.



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## 30110 PF

Insulated needle nose plier - 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.



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## 30110 AC-230

Insulated wire-cutting plier - 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 Tools Kit

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## Adjustable spanner

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### 30117 LAJ

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



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### 30110 APL

Pliers wrench - 250 mm

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.



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## 30113 CA-180

Insulated flat-blade 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.



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## 30113 CA-190

Insulated knife - 190 mm

Code	Ref.	Length
410115	Knife CA-190	190 mm

- Suitable for cutting cables of various sizes and types without damaging the internal wires.
- Ideal for use in electrical panels and other installations where active circuits are handled.
- The handle is ergonomically designed for a comfortable grip, reducing fatigue during prolonged use.
- The knife blade is durable and sharp, allowing for precise and long-lasting cuts. It is partially coated and the handle is insulated, which prevents the risk of accidental short circuits and enhances safety while working with electrical components.

# Insulated Tools Kit

1000V insulated tools

## Spanners

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### 30117 LF

#### 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 LF-13	13	130 mm
410098	Spanner LF-14	14	140 mm
410099	Spanner LF-16	16	160 mm
410100	Spanner LF-17	17	170 mm
410101	Spanner LF-19	19	190 mm

- The LF insulated open-end wrenches are essential tools for professionals working in the electrical sector, offering safety and efficiency in various applications related to the installation and maintenance of electrical systems.
- Angled head to facilitate tightening.
- Material: hardened steel.
- Insulation material: PP/TPR.

### 30117 Set of insulated open-ended spanners

#### Insulated fixed wrench set

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.



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### 30115 T HEX

Insulated T shaped hex key

Code	Ref.	Key	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	

- T-handle HEX wrenches are designed for tasks that require efficient and comfortable force application, making them ideal for jobs that need precise torque application.
- Material: hardened steel.
- Insulation material: PP/TPR.

### 30115 LVT-210

Insulated T-handle wrench 3/8"

Code	Ref.	Dimensions
410102	LVT-210	158 x 210 mm

- Ergonomic T-shaped design for better grip and force application.
- Quick-release function.
- Suitable for electrical work and use on live cables or installations.
- Material: Chrome vanadium steel.
- Finish: Matte chrome.

### 30111 Kit LHT

Set of insulated T shaped hex keys

Code	Ref.
410055	Set of insulated T shaped hex keys

▪ **Contents:**

- 410056 4 mm T shaped hex key - 90 x 200 mm
- 410057 5 mm T shaped hex key - 90 x 200 mm
- 410058 6 mm T shaped hex key - 90 x 200 mm
- 410059 8 mm T shaped hex key - 90 x 200 mm
- 410060 9 mm T shaped hex key - 90 x 200 mm
- 410061 10 mm T shaped hex key - 90 x 200 mm





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### 30119 LA90

L-shaped hex key

Code	Ref.	Length
410072	Insulated key LA90-3	3 mm
410073	Insulated key LA90-4	4 mm
410074	Insulated key LA90-6	6 mm

- Allen wrenches LA90 are used in various applications, especially where direct access to hexagonal screws is limited or uncomfortable. The 90° design allows access to screws located in tight or hard-to-reach spaces where a straight wrench would not be practical.
- Material: hardened steel.
- Insulation material: PP/TPR.



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### 30116 EL

Insulated extension for 3/8" ratchet

Code	Ref.	Length
410240	Extension EL-3/8	125 mm
410075	Extension EL-3/8	300 mm

- Used to access nuts and bolts located in hard-to-reach places.
- Particularly useful in electrical panels and distribution boxes where access may be limited.
- Material: hardened steel.
- Insulation material: PP/TPR.



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IEC 60900

### 30116 LC-3/8

Insulated ratchet wrench for 3/8" ratchet

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

- Facilitates work in confined spaces where continuous back-and-forth movement is required.
- The ratchet mechanism allows for fast and efficient work by eliminating the need to constantly reposition the tool.
- The handle design provides a comfortable and secure grip, reducing fatigue during extended use.
- Material: hardened steel.
- Insulation material: PP/TPR.

# Insulated Tools Kit

1000V insulated tools

## Sockets

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### 30116 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"	13 mm insulated socket 3/8"
10 mm insulated socket 3/8"	14 mm insulated socket 3/8"
11 mm insulated socket 3/8"	17 mm insulated socket 3/8"
12 mm insulated socket 3/8"	19 mm insulated socket 3/8"

Insulated collar on each socket to prevent arcing.

### 30116 LVA

Insulated Allen sockets 3/8"



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Code	Ref.	Hexagon size (mm)	Length (mm)	Width (mm)
410106	LVA-4	4	22,8	77
410107	LVA-5	5		
410108	LVA-6	6		
410109	LVA-8	8		

These tools are designed to work with electrical systems of up to 1000 V, offering additional protection against electric shocks.

- Standards: DIN 7422, DIN 3120.
- Material: Chrome vanadium steel.
- Finish: Matte chrome.

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