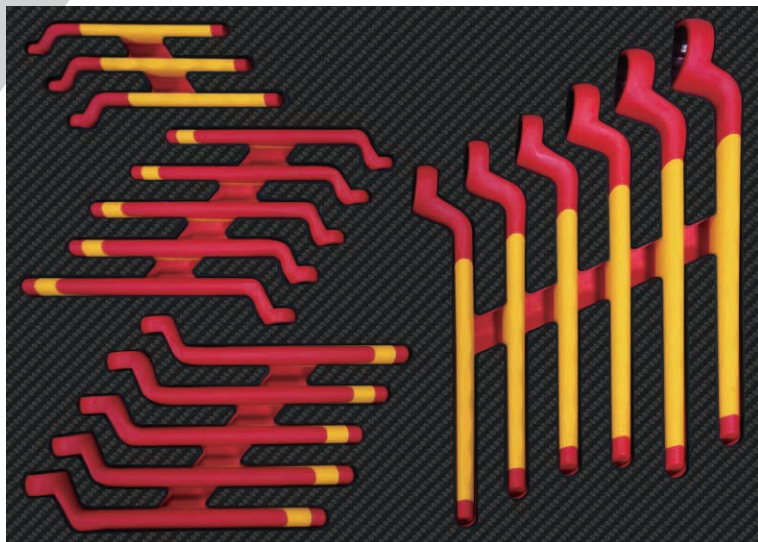


# *E-Mobility Hand Tools*

## *2024*



*For use up to  
1000V AC/1500V DC*



Item no.80300

• **Insulated ring spanners:**

7, 8, 9, 10, 11, 12, 13, 14, 15, 16,  
17, 18, 19, 21, 22, 24, 27, 30, 32

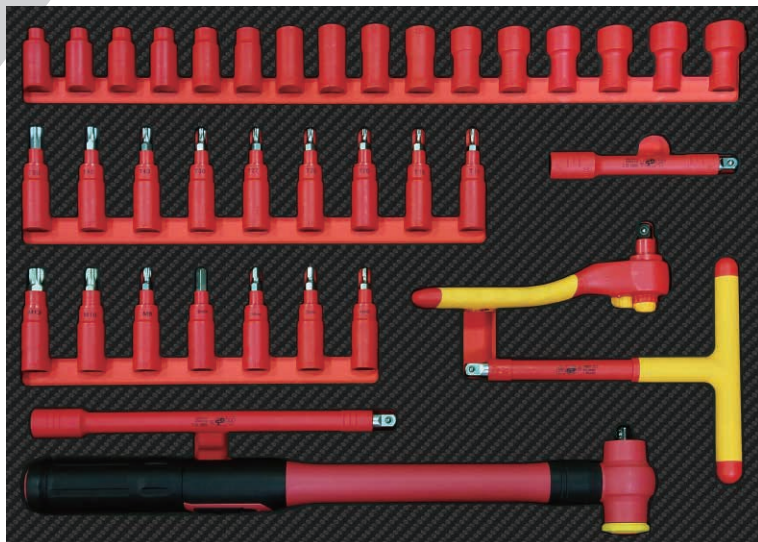


Item no.80301

• **Insulated open end spanners:**

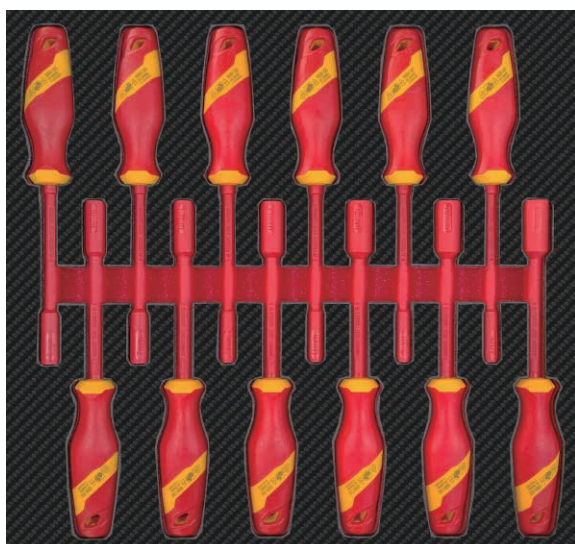
7, 8, 9, 10, 11, 12, 13, 14, 15, 16,  
17, 18, 19, 21, 22, 24, 27, 30, 32

- 3/8" 10~50 N.m insulated touque spanner
- 3/8" insulated ratchet spanner
- 3/8" insulated extension bar:  
125mm, 250mm
- 3/8" insulated T handle
- 3/8" insulated socket:  
6, 7, 8, 9, 10, 11, 12, 13, 14, 15,  
16, 17, 18, 19, 21, 22
- 3/8" insulated socket bits  
for TORX® screws:  
T10, 15, 20, 25, 27, 30, 40, 45, 50
- 3/8" insulated socket bits:  
H4, H5, H6, H8
- 3/8" insulaterd socket bits  
for M screws: 6, 8, 10



Item no.80302

- Insulated nut driver with  
screwdriver handle:  
4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14

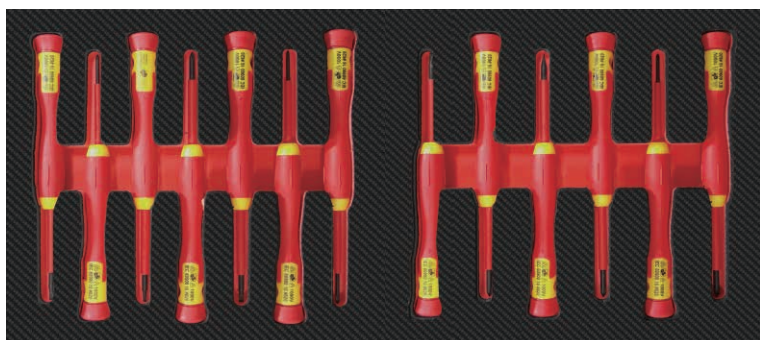


Item no.80311



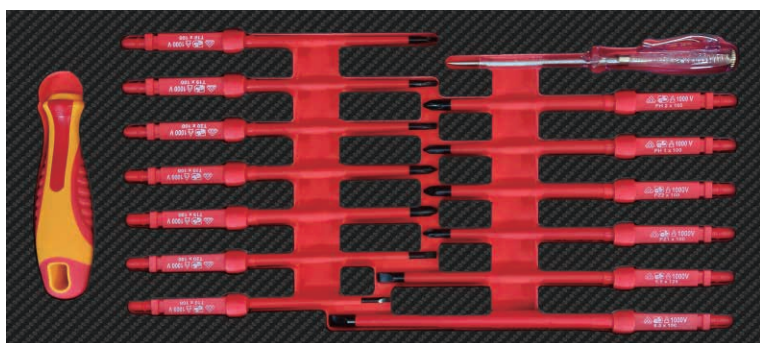
Item no.80303

- **Insulated hex key:**  
3, 4, 5, 6, 8, 10, 12mm



Item no.80304, 80305

- **Insulated precision screwdrivers:**  
SL1.5, SL2.5, SL3, SL5.0  
PH00, PH0, PH1
- **Insulated precision screwdrivers:**  
T5, T6, T7, T8, T10, T15



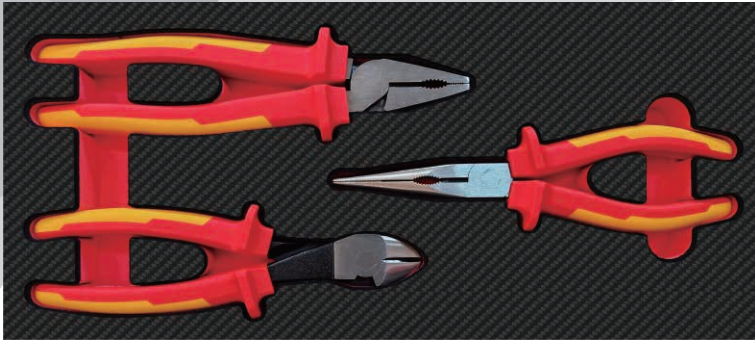
Item no.80306

- **Exchangeable insulated screwdrivers:**  
SL3.0, SL4.0, SL5.5, SL6.5  
PH1, PH2, PZ1, PZ2  
T10, T15, T20, T25, T30
- **Tester**



Item no.80307

- **Insulated screwdrivers:**  
SL3.0, SL4.0, SL5.5, SL6.5, SL8.0  
PH0, PH1, PH2, PH3



Item no.80308



- 8" insulated long nose pliers
- 8-1/2" insulated combination pliers
- 8" insulated heavy duty diagonal cutting plies



Item no.80309



- 8" insulated multifunctional pliers
- 10" insulated water pump pliers (diamond jaw)
- 6" insulated wire stripping pliers



Item no.80310



- Insulated cable knife
- Insulated cable knife with sickle shaped
- Insulated scissors



Item no.80312



- Insulated straight pick
- Insulated 45° pick
- Insulated 90° hook
- Insulated round angle hook
- Insulated inspection mirror, round shape, dia. 25mm
- Insulated inspection mirror, round shape, dia. 40mm
- Insulated flexible magnetic pick-up tool with screwdriver handle



Item no.80313

- **Insulated screwdrivers:**  
SL4.0, SL5.5, PH1, PH2
- **Insulated cable knife**
- **Insulated open end spanners:**  
6, 8, 10, 12, 13, 17
- **7" insulated combination pliers**
- **6" insulated diagonal pliers**
- **3/8" insulated ratchet spanner**
- **3/8" insulated extension bar:**  
125mm
- **3/8" insulated T handle**
- **3/8" insulated socket:**  
8, 10, 11, 12, 13, 14, 16, 17, 19, 22



Item no.80314

- **7" insulated combination pliers**
- **6" insulated diagonal pliers**
- **6" insulated long nose pliers**
- **Insulated cable knife**
- **Insulated open end spanners:**  
10, 11, 12, 13, 14, 17, 19, 22
- **Insulated screwdrivers:**  
SL4.0, SL5.5, SL8.0, PH1, PH2
- **1/2" insulated ratchet spanner**
- **1/2" insulated extension bar:**  
125, 250mm
- **1/2" insulated socket:**  
10, 11, 12, 13, 14, 17, 19
- **1/2" insulated socket bits:**  
H6, H8



Item no.80315

- **Insulated screwdrivers:**  
SL3.0, SL4.0, SL5.5, SL6.5, PH1, PH2
- **Insulated open end spanners:**  
10, 13, 14, 17, 19, 22
- **Insulated cable knife**
- **Insulated scissors**
- **Insulated ring spanners:**  
10, 13, 14, 17, 19, 22
- **10" insulated water pump pliers (diamond jaw)**
- **10" insulated multifunctional pliers**
- **8" insulated combination pliers**
- **6" insulated long nose pliers**
- **6" insulated diagonal pliers**
- **6" insulated wire stripping pliers**
- **1/2" insulated ratchet spanner**
- **1/2" insulated extension bar:**  
125, 250mm
- **1/2" insulated socket:**  
10, 11, 12, 13, 14, 17, 19
- **1/2" insulated socket bits:** H6, H8



Item no.80316

- **Multifunctional Voltage Tester** Voltage range: 6~1000V DC ; 24~1000V AC
- **Insulated cable knife**
- **3/8" insulated ratchet spanner**
- **3/8" insulated extension bar:**  
125, 250mm
- **3/8" insulated T handle**
- **3/8" insulated socket:**  
8, 10, 11, 12, 13, 14, 16, 17, 18, 19
- **Self-clamping slip-on caps:**  
15.5, 25mm
- **Insulated screwdrivers:**  
SL4.0, SL5.5, PH1, PH2
- **Insulated straight pick**
- **Insulated 45° pick**
- **Insulated 90° hook**
- **Insulated round angle hook**
- **Insulated inspection mirror, round shape, dia. 25mm**
- **Insulated inspection mirror, round shape, dia. 40mm**
- **Insulated flexible magnetic pick-up tool**
- **8" insulated combination pliers**
- **6" insulated long nose pliers**
- **6" insulated diagonal pliers**



Item no. 80401

- **Natural rubber insulating gloves**

Standards: EN 60903 / IEC 60903

Size: 6, 7, 8, 9, 10, 11, 12

Length: 360mm

Category: A, Z, C

Classe: 0

Max operating voltage: 1000V AC

**Use:**

Hand insulation according to class and nominal mains voltage

To be used with a leather overglove for mechanical protection



Item no. 80402

- **Insulating Glove Class 0**

Standards: EU regulation 2016/425 = PPE Category III

EN60903:2003/IEC60903:2014 = Class 0 (AZC)

EN388:2016+A1:2018 = 1,1,2,1,X

EN 61482-1-2:2008 = Class 1 (4kA)

**Features:**

chlorinated finish for easy wear

ergonomic shape adheres perfectly to the hand



Item no. 80403

- **Tester For Insulated Electrician Gloves**

The purpose of the tester is to ensure that the glove is absolutely air-tight. Recommended for field inspection before/after each use, and also for periodic visual inspection.

**Features:**

Truncated end with two grooves for holding the glove under test  
A central piston at the bottom of the tester

A flexible valve at the bottom of the bowl on the upper part

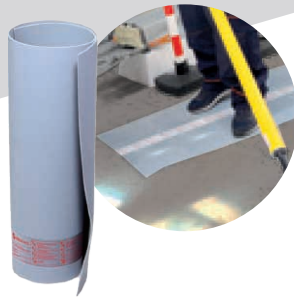
Two rubber rings to hold the glove during inflation





• **Insulating Mat class 0**

Item no. 80404



Standards: IEC 61111: 2009  
Material: Elastomer, non-slip surface on both sides.  
Color: grey

**Use:**

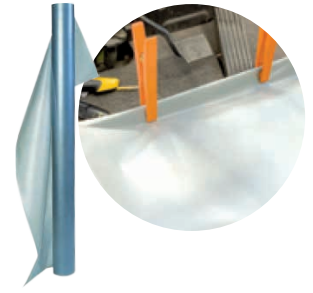
Max operating voltage: 1000V AC

**Features:**

Ultra lightweight mat facilitating usual  
Low Voltage operations

• **Insulating sheet**

Item no. 80405



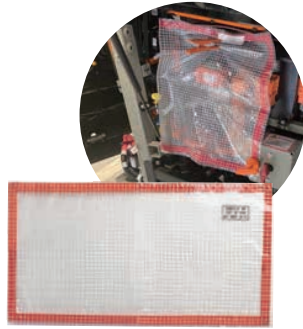
Standards: IEC 61112 class 0 (1000V)  
Material: insulating fireproof PVC film.

**Use:**

Soft transparent sheet, for insulating during work in progress by covering over bare conductors or insufficiently insulated conductors on a LV network.

• **Insulating Sheet With Adhesive Strips (Velcro)**

Item no. 80406



Standards: ST TST BT 410

**Use:**

Insulation by covering over of bare conductors or those with faulty, doubtful, or insufficient insulation.

**Features:**

Several sheets may be added together  
For LV network, to be re-used

• **Insulating Bag For Connectors**

Item no. 80407



**Use:**

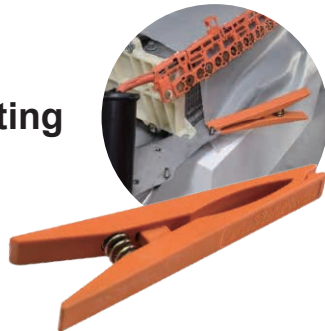
When disconnecting cables/conductors on EVs & PHEVs they should be secured to ensure that they can not make an accidental conducting path with other components. By placing the cable/conductor connector in an insulated bag it prevents it making accidental contact between it and a conducting component carrying a different potential.

**Features:**

Velcro fastener at the open end of the bag to close around the conductor  
Eyelet at the sealed end to aid in removal by either a remote pole or by gloved hand

• **Plastic clip for insulating sheets and bands**

Item no. 80408



**Use:**

Used to fix and hold in position temporary insulation like insulating sheets. For overhead network, underground network, and indoor installations.

• **Insulating magnet, lift force 4KG**

Item no. 80409

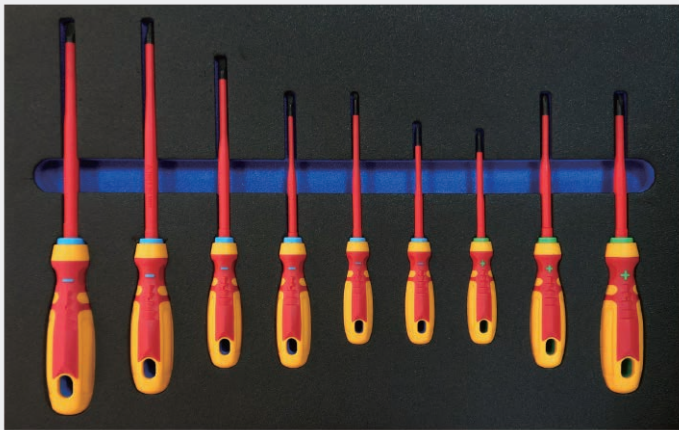


**Use:**

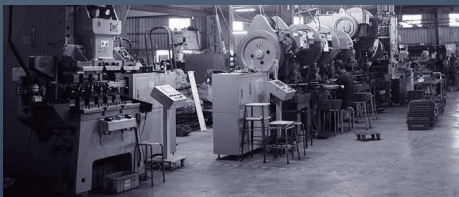
Insulating magnet used for fixing the insulating sheet during intervention on electric switchboards. Also used when topping battery packs on electric vehicles.

**Features:**

Maximum operating voltage: 1000V AC –1500V DC  
No conductive part reachable or visible  
Big handle (80 mm) to allow easy use with gloves.  
Magnet diameter : Ø 40 mm



VDE1000V  
IEC 60900



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