

# HIGH VOLTAGE



YOU WORK SAFELY WITH OUR  
TOOLS AND PROTECTIVE EQUIPMENT.

**SW STAHL**  
PROFESSIONAL TOOLS

# CHARGED WITH TENSION!

WHEN AN ELECTRIC CAR GOES INTO THE WORKSHOP,  
IT CAN BE DANGEROUS.

## IT APPLIES

### 5 SAFETY RULES!

- 01 Disconnect
- 02 Secure against restarting
- 03 Determine absence of voltage
- 04 Earth and short-circuit
- 05 Cover live components

We have developed our tools and protective equipment  
on the basis of these 5 safety rules and in compliance with  
DGUV Information 200-005 and 203-034.

# HIGH VOLTAGE

HIGH VOLTAGE IS REFERRED TO AS FROM A

- AC voltage of 30 volts
- Direct voltage of 60 volts

## BUT ATTENTION!

Hybrid and electric vehicles have a  
voltage of more than

# 400 Volt!

# WITH OUR HIGH-VOLTAGE TOOLS AND PROTECTIVE EQUIPMENT YOU WORK SAFELY!

# HIGH VOLTAGE ELECTRICITY PACKAGES

WITH OUR ELECTRICITY PACKAGES YOU HAVE IMMEDIATELY SECURED YOURSELF AND AN ELECTRIC VEHICLE.



## PROTECTIVE EQUIPMENT

1x

FACE SHIELD, CLASS 1



1x

ELECTRICALLY INSULATING PROTECTIVE GLOVES SIZE 9



1x

UNDER GLOVES



## SAFETY BARRIERS

4x

CHAINS-STAND



1x

BARRIER WARNING TAPE 100 M



1x

PLASTIC BARRIER CHAIN 25 M



1x

CONNECTING LINK 8 MM, RED



4x

S-HOOK 8 MM, RED



## SAFETY SIGNS



1x

4x



1x



1x

1x



1x

1x



1x



## HIGH-VOLTAGE TOOL



1x

VOLTAGE TESTER

V1100  
649,90 €\*

SW STAHL  
PROFESSIONAL TOOLS

# HIGH VOLTAGE ELECTRICITY PACKAGE L

WITH OUR ELECTRICITY PACKAGE L YOU HAVE IMMEDIATELY SECURED YOURSELF AND AN ELECTRIC VEHICLE.



## PROTECTIVE EQUIPMENT

1x

FACE SHIELD, CLASS 1



1x

ELECTRICALLY INSULATING PROTECTIVE GLOVES SIZE 9



1x

UNDER GLOVES



## SAFETY BARRIERS

1x

BARRIER WARNING TAPE 100 M



1x

PLASTIC BARRIER CHAIN 25 M



1x

CONNECTING LINK 8 MM, RED



4x

S-HOOK 8 MM, RED



## SAFETY SIGNS



1x

4x



1x



1x



1x



1x



1x



1x



## HIGH-VOLTAGE TOOLS

1x

VOLTAGE TESTER



1x

VDE TOOL SET, 50-PIECE



V1200

1.199,00 €\*

# HIGH VOLTAGE

# HIGH VOLTAGE TOOLS.

## HIGH-VOLTAGE TESTER

### ELECTRIFYING FACTS:

- For testing the absence of voltage on high-voltage vehicles
- Insulation according to CAT III 690 V, CAT IV 600 V
- DC/AC voltage measurement
- Single-pole voltage detection
- Phase rotation test
- Continuity test
- Diode test
- IP 64
- With LED illumination lamp
- Voltage range: 6 - 690 V AC/DC
- Single-pole voltage: 100 - 690 V
- Continuity test: Threshold < 200kOhm



32233L  
59,90 €\*

## VDE TOOL SET, 50-PIECE

Our VDE tool kit contains all the important tools that enable you to work on electric vehicles, live wires or other electrical objects.

Contains all the important tools that make it possible to work on electric vehicles, live cables or other electrical objects. All components of the tool set are certified according to the standard DIN EN 60900 VDE 0682-201:2013-04 and thus insulated up to 1,000 V AC or 1,500 V DC.

50  
PIECES

### THE TENSION-CHARGED CONTENT:

- Insulated screwdrivers in the following sizes: PH1, PH2, PH3, T20, T25, T30, 2.5 - 3 - 3.5 - 4 mm
- Insulated 10 mm (3/8") socket spanner bits in the following sizes: 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
- Insulated 10 mm (3/8") screwdriver bits in the following sizes: M8, M10, M12
- Insulated 10 mm (3/8") extensions in the following sizes: 150 and 250 mm
- Stripping knife
- Insulated water pump pliers, 250 mm
- Insulated half-round nose pliers, straight, 200 mm
- Insulated cable shears
- Insulated combination pliers, 180 mm
- Insulated half-round nose pliers, bent, 200 mm
- Insulated power side cutter, 160 mm
- 10 insulating capes
- Insulated ratchet, 10 mm (3/8")



V1000  
499,- €\*

SW STAHL  
PROFESSIONAL TOOLS

## FACE SHIELD, CLASS 1

- Approved for protection against electric arcs according to GS-ET-29, status 2019-06, class 1).
- Colourless visor according to EN 170 made of high impact polycarbonate
- With width-adjustable headband
- Fog-free

11150L  
89,90 €\*



## ELECTRICALLY INSULATING PROTECTIVE GLOVES

- Electrically insulating protective gloves for live working, 1 pair
- Protection class 0
- Insulation according to DIN EN 60903
- For voltage < 1000 V AC and < 1500 V DC
- Colour: red
- High flexibility and good tactile sensitivity, anatomical shape
- UV protected packaging



11570L  
49,90€\*

SIZE 9

11571L  
49,90€\*

SIZE 10

## UNDER GLOVES

The under gloves are worn under the insulating glove to improve comfort.

- Made without seams: maximum wearing comfort
- Material: 100% cotton
- Elasticated cuff
- Universal size

11572L  
5,90€\*



## THE SET

### CHAIN STAND

- Mobile plastic chain stand with 2 eyes for hanging up barrier chains
- For outdoor and indoor use
- Quick to set up
- With black base made of weatherproof recycled material
- Good stability
- The base can be dowelled or glued in place
- Material: plastic
- Colour: red/white
- Height: 850 mm
- Weight: 1,5 kg



### PLASTIC BARRIER CHAIN

- Suitable for versatile applications
- Short-link chains for a high perception effect
- Colour: Red/white
- Length: 25 metres
- Diameter: 8 mm
- Link length: 48 mm
- Link width: 27 mm



### 1 PLASTIC CONNECTING LINK, 8 MM, RED



### 4 S-HOOK, 8 MM, RED



# SAFETY BARRIER.

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STÜCKPREIS



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## PLASTIC CONNECTING LINK, 8 MM, RED

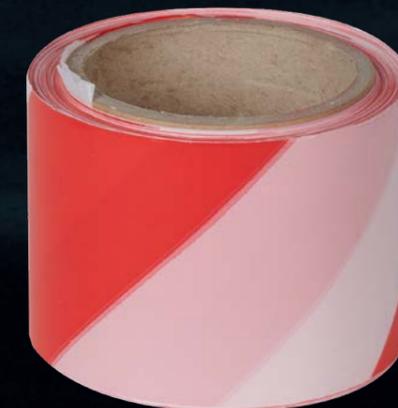


## S-HOOK, 8 MM, RED



## BARRIER WARNING TAPE

- Robust design, printed diagonally on both sides
- Colour: red/white
- Length: 100 metres
- Width: 80 mm
- Thickness: approx. 30 µ



## ADHESIVE LABEL FOR DAMAGED E-VEHICLES

- Is stuck on the windows of the damaged vehicle.
- The label is easily removable after towing and repair.
- Dimensions 100 x 200 mm



## INFORMATION SIGN FOR ELECTRIC AND HYBRID VEHICLES

- Information sign to prevent electrical accidents when working on electric and hybrid vehicles
- With pictogram "Warning of electrical voltage" according to ASR A1.3, DIN EN ISO 7010/W012
- With pictogram "Touching prohibited" according to ASR A1.3, DIN EN ISO 7010/P010
- With pictogram "Access for unauthorised persons prohibited" in accordance with DIN EN ISO 4844-2/D-P006
- Made of plastic, 440 x 140 mm



## TETRAHEDRAL WARNING SIGN „LIGHTNING ARROW“

- Tetrahedral roof sign made of plastic with suction base
- Three-sided warning sign „Lightning arrow“
- Warning of dangerous electrical voltage according to DIN EN ISO 7010
- For marking during repair/maintenance work on electric vehicles
- Weatherproof
- Water drain hole



## PROHIBITION SIGN „SWITCHING PROHIBITED“

- According to DGUV-Information 200-005
- Magnetic prohibition sign to be attached to the outside of the vehicle
- To prevent unintentional switching on of the current
- Self-inscribable field for the name of the HV specialist and his telephone number
- With pictogram „Switching prohibited“ according to ASR A1.3, DIN EN ISO 7010/P031
- Magnetic foil, 297 x 210 mm



## MAINTENANCE TAG „SWITCHING PROHIBITED“

- According to DGUV-Information 200-005
- Warning tag for mounting in the vehicle
- To prevent unintentional switching on of the current
- Combination plate for attaching to the Service-Disconnect
- Self-labelling field for the name of the HV specialist and his telephone number
- With pictogram "Switching prohibited" according to ASR A1.3, DIN EN ISO 7010/P031
- Made of plastic, 75 x 150 mm



## PROHIBITION SIGN „CHARGING PROHIBITED“

- Magnetic prohibition sign to be attached to the outside of the vehicle
- To prevent unintentional charging of the vehicle battery
- Magnetic foil, 297 x 210 mm



## INFORMATION SIGN „HIGH-VOLTAGE SWITCHED ON“

- According to DGUV-Information 200-005
- Magnetic prohibition sign to be attached to the outside of the vehicle
- To prevent accidents on high-voltage vehicles
- Self-inscribable field for the name of the HV specialist and his telephone number
- Warning sign „Warning of dangerous electrical voltage“ in accordance with DIN4844D-W008.
- Magnetic foil, 297 x 210 mm



## “FIRST AID” NOTICE

- First aid notice for accidents caused by electric current
- With additional warning notice „Warning of electrical voltage“ in accordance with current ISO 7010 and modernised pictograms
- Tried and tested in practice
- For indoor and outdoor use
- Material: plastic, 595 x 410 mm

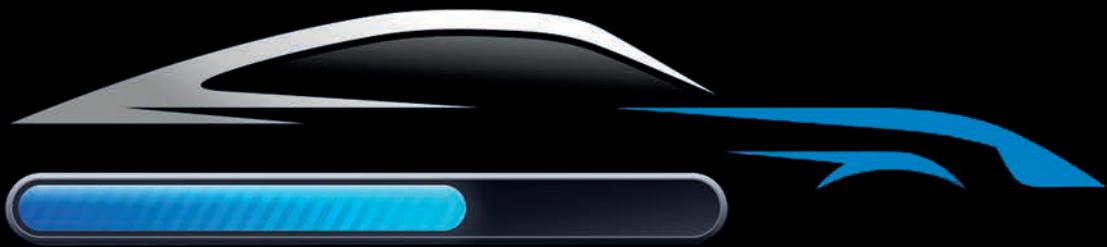


## “SAFETY RULES” NOTICE

- Based on DGUV Information 200-005
- Safety rules to avoid electrical accidents when working on vehicles with high-voltage systems
- Mounting holes: Diameter 5 mm
- Plastic information sign, 350 x 500 mm



# HIGH VOLTAGE



L O A D I N G



INSTAGRAM



FACEBOOK



YOUTUBE

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