

**H091-12 Insulating Wide Nozzle 40 mm  
up to 36 kV AC / 54 kV DC****PHOTOS**

Product compliant with the requirements of: DIN VDE 0682-621 standards

Length: 320 mm  
Nozzle width: 40 mm  
Weight: 110 g

The length and weight tolerances are  $\pm 2\%$ . Due to the continuous development of the product, the appearance of the product may slightly differ from the one shown in the photos.

**CHARACTERISTICS**

The nozzle is made entirely of insulating material, polyamide, in red. Made with injection molding technology, ending with threaded connector that allows attaching the brush to a suction pipe, extension pipe or elbow.

**APPLICATION**

The nozzle is used for live work up to 36 000 V AC or up to 54 000 V DC. It is part of the dry-cleaning kit for cleaning live electrical equipment. The nozzle is designed to remove dirt from construction equipment and electrical apparatus.

**STORAGE AND MAINTENANCE**

The nozzle should be stored in a case or suitcase in a way that protects it from mechanical damage. Store the nozzle in dry areas away from heat sources, in a non-chemically aggressive atmosphere. Protect from sunlight.

Nozzles should be cleaned after each use. Clean dirty nozzles by wiping their outer surfaces with a dry cloth. If heavily soiled, clean exterior surfaces with a cloth dampened with ASOREL and dry thoroughly.

It is recommended to wipe **the outside!** the surface of the nozzle after they have dried, with a silicone wipe (supplied with the kit).

Attention! Use the silicone wipe only to wipe the outer surface of the nozzles.

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Visually inspect the nozzle before each use. Carry out periodic inspection in accordance with the instructions for use. Periodic inspection includes visual inspection and electrical testing of the bridging protection.

Visual inspection includes checking:

- o no visible defects in the nozzle,
- o the validity of periodic examinations,
- o legibility and completeness of nozzle markings.

Testing of protection against bridging consists in checking an element in a measuring system with a test voltage of 1.2  $U_n$  (maximum rated voltage of equipment elements).

The bridging protection tests shall be considered as passed if:

- o there was no spark-over and no electric discharges.

Nozzles that are damaged (cracks, thread seizure) or dirty may not be used in live work. In case of moisture, dry the elbow thoroughly before use.

**CAUTION!**

In case of doubt after visual inspection, the nozzle shall be withdrawn from use in live work or subjected to electrical testing or subjected to electrical tests.

**FREQUENCY TESTS**

For check and periodic inspection to be carried out in according to table.

|      | CHECK                 | PERIODIC INSPECITON                   |
|------|-----------------------|---------------------------------------|
| Who  | Team Leader / Foreman | Laboratory                            |
| When | Before each use       | Annually*                             |
| How  | Visual check          | according to the instructions for use |

\*Unless instructions say otherwise