

Prod. Ref. NA009-000
Safety cat. S1 P SRC
Range of sizes 36 - 48
Weight (sz. 42) 570 g
Shape A
Wide 11

Description: Black/grey suede leather and breathable textile shoe, **Sany-Dry**® lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole

Plus: Footwear completely free from metal parts. Footbed **AIR** made of EVA and fabric, antistatic, it guarantees high stability thanks to its different thicknesses in the plantar area.

Suggested uses: Store houses, industries.

Care and maintenance: Clean after each use and dry off away from direct heat; treat the leather with a suitable shoe-polish. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water.



MATERIALS / ACCESSORIES

Complete shoe **Toe cap:** non metallic **TOP RETURN** toe cap, impact resistant until 200 J and compression resistant until 1500 kg
Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant
Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges

Upper **Energy absorption system:** polyurethane low density and heel profile

Black suede leather
thickness 1,8 mm

Vamp Felt, breathable, colour dark grey
lining Thickness 1,2 mm

Quarter **Sany-Dry**®, breathable, abrasion resistant, colour black
lining thickness 1,2 mm

Sole Antistatic double-density Polyurethane directly injected in the upper:

Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant,

Midsole: black, low density, comfortable and anti-shock

Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

| | | Clause EN ISO 20345 | Description | Unit | Cofra result | Requirement | |
|---------------|---|--|--|-----------------|------------------|-------------|--------|
| Complete shoe | Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J and compression resistant until 1500 kg Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges | 5.3.2.3 | Shock resistance (clearance after shock) | mm | 14,2 | ≥ 14 | |
| | | 5.3.2.4 | Compression resistance (clearance after compression) | mm | 14 | ≥ 14 | |
| | | 6.2.1 | Penetration resistance | N | 1300 | ≥ 1100 | |
| | | 6.2.2.2 | Electric resistance | - wet | MΩ | 986 | ≥ 0.1 |
| | | | | - dry | MΩ | 1000 | ≤ 1000 |
| Upper | Black suede leather thickness 1,8 mm | 6.2.4 | Shock absorption | J | > 34,5 | ≥ 20 | |
| | | 5.4.6 | Water vapour permeability | mg/cmq h | > 3 | ≥ 0,8 | |
| | | | Permeability coefficient | mg/cmq | > 33,3 | > 15 | |
| | | 5.5.3 | Water vapour permeability | mg/cmq h | > 4,7 | ≥ 2 | |
| | | | Permeability coefficient | mg/cmq | > 40,6 | ≥ 20 | |
| Vamp | Felt, breathable, colour dark grey | 5.5.3 | Water vapour permeability | mg/cmq h | > 6,1 | ≥ 2 | |
| lining | Thickness 1,2 mm | | Permeability coefficient | mg/cmq | > 49 | ≥ 20 | |
| Quarter | Sany-Dry® , breathable, abrasion resistant, colour black | 5.5.3 | Water vapour permeability | mg/cmq h | > 47 | ≤ 150 | |
| lining | thickness 1,2 mm | | Permeability coefficient | mg/cmq | > 5 | ≤ 4 | |
| Sole | Antistatic double-density Polyurethane directly injected in the upper: | 5.8.3 | Abrasion resistance (lost volume) | mm ³ | 47 | ≤ 150 | |
| | Outsole: black, high density, slipping resistant, abrasion | 5.8.4 | Flexing resistance (cut increase) | mm | 1,5 | ≤ 4 | |
| | resistant and hydrocarbons resistant, | 5.8.6 | Interlayer bond strength | N/mm | > 5 | ≤ 4 | |
| | Midsole: black, low density, comfortable and anti-shock | 6.4.5 | Hydrocarbons resistance (ΔV = volume increase) | % | + 0,3 | ≤ 12 | |
| | Adherence coefficient of the sole | 5.3.5 | SRA : ceramic + detergent solution – flat | | 0,42 | ≥ 0,32 | |
| | | | SRA : ceramic + detergent solution – heel (contact angle 7°) | | 0,45 | ≥ 0,28 | |
| | | | SRB : steel + glycerol – flat | | 0,19 | ≥ 0,18 | |
| | | SRB : steel + glycerol – heel (contact angle 7°) | | 0,18 | ≥ 0,13 | | |

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