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| Prod. Ref. | 37130-N00 |
| Safety cat. | S3S HI CI HRO LG SC FO SR |
| Range of sizes | 39 - 48 (6 - 13) |
| Weight (sz. 8) | 700 g |
| Shape | B |
| Widht (6) | 10 |
| Widht (6,5 - 13) | 11 |

Description: Black water repellent printed leather ankle boot, **SANY-DRY**[®] lining, antistatic, anti-shock, slipping resistant, non metallic **APT PLUS** midsole **Zero Perforation**

Plus: METAL FREE. FOOT-PAD footbed, extremely soft and comfortable footbed. Thanks to the very low density polyurethane, the footbed is self-molding granting a right distribution of the body weight and providing an immediate feeling of comfort. High shock absorption is provided from highly resilient material and a perfect cushion in the central area of the heel. **ANTI TORSION SUPPORT** made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings and/or unwilling torsion. Outsole resistant to +300°C (1 minute contact). Footwear equipped with a particularly abrasion-resistant material on the toe area (**SC**). Sole design especially conceived for safer standing on ladder rungs (**LG**). Protection with adjustable velcro closure, without laces.

Fireproof seams

Suggested uses: Footwear for welders

Care and maintenance: Clean after each use and dry off away from direct heat. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water

MATERIALS / ACCESSORIES

SAFETY TECHNICAL SPECIFICATIONS

| | | Clause EN ISO 20345:2022 | Description | Unit | Cofra result | Requirement | |
|----------------------|---|---|---|---------------------------|---|------------------|--------|
| Complete shoe | Toe cap: non metallic FIBERGLASS toe cap, impact resistant until 200 J and compression resistant until 1500 kg | 5.3.2.6 | Shock resistance (clearance after shock) | mm | 15 | ≥ 14 | |
| | | 5.3.2.7 | Compression resistance (clearance after compression) | mm | 16 | ≥ 14 | |
| | Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation | 6.2.1 | Penetration resistance (PS requirement with Ø 3,0 mm nail) | N | To 1100 N No perforation | ≥ 1100 | |
| | Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges | 6.2.2.2 | Electric resistance | - wet | MΩ | 93.41 | ≥ 0.1 |
| | | | | - dry | MΩ | 298 | ≤ 1000 |
| | | 6.2.3.1 | Heat insulation (temp. increase after 30' at 150 °C) | °C | 12 | ≤ 22 | |
| | Heat insulation | 6.2.3.2 | Cold insulation (temp. decrease after 30' C at -17 °C) | °C | 5 | ≤ 10 | |
| | Cold insulation | 6.2.4 | Shock absorption | J | 30 | ≥ 20 | |
| | Upper | Black water repellent printed leather thickness 1,8/2,0 mm | 5.4.6 | Water vapour permeability | mg/cmq h | > 2 | ≥ 0,8 |
| | | | | Permeability coefficient | mg/cmq | > 23,5 | ≥ 15 |
| 6.3 | | Water absorption Water penetration | | | 9,5% | ≤ 30% | |
| | | | | | 0,0 g | ≤ 0,2 g | |
| Vamp | Felt, breathable, colour dark grey thickness 1,2 mm | 5.5.4 | Water vapour permeability Permeability coefficient | mg/cmq h | > 5 | ≥ 2 | |
| | | | | mg/cmq | > 41,9 | ≥ 20 | |
| Quarter | SANY-DRY [®] , breathable, abrasion resistant, colour black thickness 1,2 mm | 5.5.4 | Water vapour permeability Permeability coefficient | mg/cmq h | > 64,4 | ≥ 2 | |
| | | | | mg/cmq | > 515,4 | ≥ 20 | |
| Sole | Polyurethane/Nitrile rubber, antistatic, directly injected in the upper: Outsole: black nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons resistant and heat resistant. | 5.8.4 | Abrasion resistance (lost volume) | mm ³ | 112 | ≤ 150 | |
| | | 5.8.5 | Flexing resistance (cut increase) | mm | 2 | ≤ 4 | |

Midsole: dark grey polyurethane low density, comfortable and anti-shock

Adherence coefficient of the sole (Slip resistance)

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|---------|--|------|--------------------|-------------|
| 5.8.7 | Interlayer bond strength | N/m | 4,2 | ≥ 3 |
| 6.4.4 | Hot resistance (300 °C) | ---- | any melting | any melting |
| 6.4.2 | Hydrocarbons resistance (ΔV = volume increase) | % | 10 | ≤ 12 |
| 5.3.5.2 | ceramic + detergent solution – forepart (contact angle 7°) | | 0,40 | ≥ 0,36 |
| | ceramic + detergent solution – heel (contact angle 7°) | | 0,35 | ≥ 0,31 |
| 6.2.10 | SR : ceramic + glycerol – forepart (contact angle 7°) | | 0,27 | ≥ 0,22 |
| | SR : ceramic + glycerol – heel (contact angle 7°) | | 0,32 | ≥ 0,19 |