



Prod. Ref. 79440-000
Safety cat. S3 SRC
Range of sizes 35 - 48 (2 - 13)
Weight (sz. 8) 560 g
Shape A
Width 11

Description: Black **TECHSHELL**, innovative, very tough, abrasion resistant, water repellent and breathable fabric shoe, **SANY-DRY®** lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**, even with a 3 mm diameter nail

Plus: **MEMORY PLUS** footbed, anatomic, punched, antistatic and preformed footbed. It guarantees ergonomic comfort and high breathability. The memory layer, made of slow memory polyurethane foam, has high viscoelastic properties. The abrasion resistant covering textile, ladderproof and antibacterial, absorbs moisture and leaves the foot always dry. Perfumed sole. **TPU toe cap protection**

Suggested uses: Construction, maintenance, warehouses, transportation sector, 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

SAFETY TECHNICAL SPECIFICATIONS

| | | Clause EN ISO 20345:2011 | Description | Unit | Cofra result | Requirement |
|---------------|--|--------------------------------|--|-----------------|-----------------------|-------------------|
| Complete shoe | Toe cap: ALUMINIUM made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg | 5.3.2.3 | Shock resistance (clearance after shock) | mm | 15,5 | ≥ 14 |
| | | 5.3.2.4 | Compression resistance (clearance after compression) | mm | 16,5 | ≥ 14 |
| | Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation | 6.2.1 | Penetration resistance | N | To 1100 N | ≥ 1100 |
| | Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges | 6.2.2.2 | Electric resistance | | No perforation | |
| | | | | - wet | MΩ | 90,2 ≥ 0.1 |
| | | | | - dry | MΩ | 298 ≤ 1000 |
| | Energy absorption system | 6.2.4 | Shock absorption | J | 31 | ≥ 20 |
| | | 5.4.6 | Water vapour permeability | mg/cmq h | > 1 | ≥ 0,8 |
| | | | Permeability coefficient | mg/cmq | > 15,2 | > 15 |
| | | 6.3.1 | Water absorption | | 24% | ≤ 30% |
| Upper | TECHSHELL , innovative, very tough, abrasion resistant, water repellent and breathable fabric, colour black | 5.4.3 | Water penetration | | 0,0 g | ≤ 0,2 g |
| | | | Tear resistance | N | 233 | ≥ 60 |
| | | | Abrasion resistance | Cycle | > 600.000 | |
| | | | | | | |
| | | 5.5.3 | Water vapour permeability | mg/cmq h | > 6,3 | ≥ 2 |
| | | | Permeability coefficient | mg/cmq | > 51,1 | ≥ 20 |
| | Quarter | 5.5.3 | Water vapour permeability | mg/cmq h | > 10,3 | ≥ 2 |
| | | | Permeability coefficient | mg/cmq | > 82,8 | ≥ 20 |
| | lining | 5.8.3 | Abrasion resistance (lost volume) | mm ³ | 47 | ≤ 150 |
| | | | Flexing resistance (cut increase) | mm | 1,5 | ≤ 4 |
| Sole | Antistatic Polyurethane/TPU directly injected in the upper: | 5.8.5 | Interlayer bond strength | N/mm | 3,5 | ≥ 3 |
| | | 6.4.2 | Hydrocarbons resistance (ΔV = volume increase) | % | 10 | ≤ 12 |
| | Outsole: Gold TPU, slipping resistant, abrasion resistant and hydrocarbons resistant. | 5.3.5 | SRA : ceramic + detergent solution – flat | | 0,36 | ≥ 0,32 |
| | Midsole: Black polyurethane, low density, comfortable and anti-shock. | | SRA : ceramic + detergent solution – heel (contact angle 7°) | | 0,34 | ≥ 0,28 |
| | Adherence coefficient of the sole | | | | | |

| | | |
|--|-------------|--------|
| SRB : steel + glycerol – flat | 0,26 | ≥ 0,18 |
| SRB : steel + glycerol – heel (contact angle 7°) | 0,23 | ≥ 0,13 |