



**Prod. Ref.** 37170-N00  
**Safety cat.** S3S HRO LG SC FO SR  
**Range of sizes** 40 - 48 (6,5 - 13)  
**Weight (sz. 8)** 624 g  
**Shape** B  
**Widht** 11

**Description:** Black/grey breathable fabric and water repellent Nubuck ankle boot, **SANY-DRY**<sup>®</sup> 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**).

**Suggested uses:** Construction, maintenance, industries

**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
<b>Complete shoe</b>	<b>Toe cap:</b> non metallic <b>FIBERGLASS</b> toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.6	Shock resistance (clearance after shock)	mm	<b>15</b>	≥ 14
		5.3.2.7	Compression resistance (clearance after compression)	mm	<b>16</b>	≥ 14
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1	Penetration resistance ( <b>PS</b> requirement with Ø 3,0 mm nail)	N	<b>To 1100 N</b> <b>No perforation</b>	≥ 1100
		<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance - wet - dry	MΩ MΩ	<b>93,41</b> <b>298</b>
<b>Upper</b>	Water repellent and breathable fabric, colour black/grey	6.2.4	Shock absorption	J	<b>30</b>	≥ 20
		5.4.6	Water vapour permeability Permeability coefficient	mg/cmq h mg/cmq	<b>&gt; 10,5</b> <b>&gt; 84,9</b>	≥ 0,8 ≥ 15
		6.3	Water absorption Water penetration		<b>16%</b> <b>0,01 g</b>	≤ 30% ≤ 0,2 g
<b>Upper</b>	Water repellent nubuck, colour black thickness 1,8/2,0 mm	5.4.6	Water vapour permeability Permeability coefficient	mg/cmq h mg/cmq	<b>&gt; 2,5</b> <b>&gt; 26,1</b>	≥ 0,8 ≥ 15
		6.3	Water absorption Water penetration		<b>20%</b> <b>0,0 g</b>	≤ 30% ≤ 0,2 g
		5.5.4	Water vapour permeability Permeability coefficient	mg/cmq h mg/cmq	<b>&gt; 5</b> <b>&gt; 41,9</b>	≥ 2 ≥ 20
<b>Quarter lining</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, abrasion resistant, colour fluo yellow thickness 1,2 mm	5.5.4	Water vapour permeability Permeability coefficient	mg/cmq h mg/cmq	<b>&gt; 64,4</b> <b>&gt; 515,4</b>	≥ 2 ≥ 20
		<b>Sole</b>	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 5.8.5	Abrasion resistance (lost volume) Flexing resistance (cut increase)	mm <sup>3</sup> mm

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

Adherence coefficient of the sole (Slip resistance)

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