



<b>Prod. Ref.</b>	37500-N00
<b>Safety cat.</b>	S3S SC LG FO SR
<b>Range of sizes</b>	36 - 48 (3 - 13)
<b>Weight (sz. 8)</b>	607 g
<b>Shape</b>	A
<b>Widht (3 - 6)</b>	10
<b>Widht (6,5 - 13)</b>	11

**Description:** Black/grey water repellent highly breathable fabric shoe, **SANY-DRY**<sup>®</sup> lining, antistatic, anti-shock, slipping resistant, with non metallic **APT PLUS** midsole - type **PS** with Ø 3,0 mm nail.

**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 unwilled torsion. Perfumed sole. 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, warehouses, transportation sector, 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>18</b>	≥ 14	
		5.3.2.7	Compression resistance (clearance after compression)	mm	<b>14,5</b>	≥ 14	
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1.1.4	Penetration resistance ( <b>PS</b> requirement with Ø 3,0 mm nail)	N	<b>1313</b>	≥ 1100	
		<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
	- wet		MΩ	<b>51</b>	≥ 0.1		
	- dry		MΩ	<b>134</b>	≤ 1000		
<b>Upper</b>	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>33</b>	≥ 20	
		5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 9,9</b>	≥ 0,8	
	water repellent highly breathable fabric, colour black/grey		Permeability coefficient	mg/cmq	<b>&gt; 81,4</b>	≥ 15	
		6.3	Water absorption		<b>15,4%</b>	≤ 30%	
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.4	Water penetration		<b>0,0 g</b>	≤ 0,2 g	
			<b>lining</b>	Thickness 1,2 mm	Water vapour permeability	mg/cmq h	<b>&gt; 84,7</b>
	Permeability coefficient	mg/cmq			<b>&gt; 677,4</b>	≥ 20	
<b>Quarter</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, abrasion resistant, colour fluo yellow	5.5.4	Water vapour permeability	mg/cmq h	<b>&gt; 64,4</b>	≥ 2	
			<b>lining</b>	thickness 1,2 mm	Permeability coefficient	mg/cmq	<b>&gt; 515,4</b>
<b>Sole</b>	Antistatic Polyurethane/TPU <b>made of recycled rubber granules</b> , directly injected in the upper:	5.8.4	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>102</b>	≤ 150	
		Outsole: ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.5	Flexing resistance (cut increase)	mm	<b>0,9</b>	≤ 4
		Midsole: black polyurethane, low density, comfortable and anti-shock.	5.8.7	Interlayer bond strength	N/mm	<b>3,7</b>	≥ 3
		Adherence coefficient of the sole (Slip resistance)	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>2,2</b>	≤ 12
			5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		<b>0,41</b>	≥ 0,36
				ceramic + detergent solution – heel (contact angle 7°)		<b>0,42</b>	≥ 0,31
		6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		<b>0,25</b>	≥ 0,22	
	SR : ceramic + glycerol – heel (contact angle 7°)		<b>0,28</b>	≥ 0,19			