



<b>Prod. Ref.</b>	PE280-000
<b>Safety cat.</b>	S3S SC FO SR
<b>Range of sizes</b>	38 - 48 (5 - 13)
<b>Weight (sz. 8)</b>	510 g
<b>Shape</b>	A
<b>Width</b>	11

**Description:** Black/light blue innovative, water repellent and 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:** **LIGHT FOAM** footbed, made of extremely soft and comfortable polyurethane foam. Punched, antistatic, its anatomical shape provides support to the plantar arch; covered with abrasion resistant fabric, it absorbs moisture and keeps always the foot dry; it guarantees excellent comfort and shock absorption.

**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> <b>ALUMINIUM</b> made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.6	Shock resistance (clearance after shock)	mm	<b>16</b>	≥ 14
		5.3.2.7	Compression resistance (clearance after compression)	mm	<b>18</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>1612</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>12,35</b>	≥ 0.1
			- dry	MΩ	<b>77</b>	≤ 1000
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>30</b>	≥ 20
<b>Upper</b>	Innovative water repellent and breathable fabric, colour black/light blue	5.4.6	Water vapour permeability	mg/cmq h	> <b>33,1</b>	≥ 0,8
			Permeability coefficient	mg/cmq	> <b>264,9</b>	≥ 15
		6.3	Water absorption		<b>5,7%</b>	≤ 30%
			Water penetration		<b>0,0 g</b>	≤ 0,2 g
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.4	Water vapour permeability	mg/cmq h	> <b>4,1</b>	≥ 2
			Permeability coefficient	mg/cmq	> <b>47,2</b>	≥ 20
<b>Quarter</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, abrasion resistant, colour light blue	5.5.4	Water vapour permeability	mg/cmq h	> <b>9,4</b>	≥ 2
			Permeability coefficient	mg/cmq	> <b>76,4</b>	≥ 20
<b>lining</b>	thickness 1,2 mm	5.8.4	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>48</b>	≤ 150
		5.8.5	Flexing resistance (cut increase)	mm	<b>0</b>	≤ 4
<b>Sole</b>	Antistatic dual-density polyurethane directly injected in the upper:	5.8.7	Interlayer bond strength	N/mm	<b>3,4</b>	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>1,6</b>	≤ 12
	Adherence coefficient of the sole (Slip resistance)	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>0,35</b>	≥ 0,31	
		6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		<b>0,37</b>	≥ 0,22
			SR : ceramic + glycerol – heel (contact angle 7°)		<b>0,42</b>	≥ 0,19