



**Prod. Ref.** 79441-000  
**Safety cat.** S3 SRC  
**Range of sizes** 35 - 48 (2 - 13)  
**Weight (sz. 8)** 536 g  
**Shape** A  
**Width** 11

**Description:** Orange/black **TECHSHELL**, innovative, very tough, abrasion resistant, water repellent and breathable fabric shoe, **SANY-DRY**<sup>®</sup> 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

**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 20345:2011	Description	Unit	Cofra result	Requirement
<b>Complete shoe</b>	<b>Toe cap:</b> 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
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1	Penetration resistance	N	To 1100 N No perforation	≥ 1100
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	90,2	≥ 0.1
			- dry	MΩ	298	≤ 1000
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	31	≥ 20
<b>Upper</b>	<b>TECHSHELL</b> , innovative, very tough, abrasion resistant, water repellent and breathable fabric, colour orange/black	5.4.6	Water vapour permeability	mg/cmq h	> 1,8	≥ 0,8
			Permeability coefficient	mg/cmq	> 15,7	> 15
		6.3.1	Water absorption		15%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
		5.4.3	<b>Tear resistance</b>	<b>N</b>	<b>233</b>	<b>≥ 60</b>
			<b>Abrasion resistance</b>	<b>Cycle</b>	<b>&gt; 600.000</b>	
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
			Permeability coefficient	mg/cmq	> 51,1	≥ 20
<b>lining</b>	Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
			Permeability coefficient	mg/cmq	> 82,8	≥ 20
<b>Quarter</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, abrasion resistant, colour black and orange	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
<b>lining</b>	thickness 1,2 mm		Permeability coefficient	mg/cmq	> 82,8	≥ 20
<b>Sole</b>	Antistatic Polyurethane/TPU directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	47	≤ 150
	Outsole: Silver TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.4	Flexing resistance (cut increase)	mm	1,5	≤ 4
	Midsole: Black polyurethane, low density, comfortable and anti-shock.	5.8.5	Interlayer bond strength	N/mm	3,5	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	10	≤ 12
	Adherence coefficient of the sole	5.3.5	SRA : ceramic + detergent solution – flat		0,36	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,34	≥ 0,28
			SRB : steel + glycerol – flat		0,26	≥ 0,18

