



<b>Prod. Ref.</b>	79442-000
<b>Safety cat.</b>	S3 SRC
<b>Range of sizes</b>	35 - 48 (2 - 13)
<b>Weight (sz. 8)</b>	550 g
<b>Shape</b>	A
<b>Width</b>	11

**Description:** 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. **TPU toe cap protection**. **Boa**<sup>®</sup> closure system allows to put on and take off the shoe easily and quickly. Made of aviation INOX steel, **Boa**<sup>®</sup> laces resist to the highest stress. With one single hand it is possible to set the **Boa**<sup>®</sup> closure system easily and adjust it to the millimetre (**Micro-adjustability - 1 click = 1 mm**)

**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	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	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>15,5</b>	≥ 14	
		5.3.2.4	Compression resistance (clearance after compression)	mm	<b>16,5</b>	≥ 14	
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1	Penetration resistance	N	<b>To 1100 N</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>90,2</b>	≥ 0.1
				- dry	MΩ	<b>298</b>	≤ 1000
				<b>Energy absorption system</b>	6.2.4	Shock absorption	J
	<b>Upper</b>	<b>TECHSHELL</b> , innovative, very tough, abrasion resistant, water repellent and breathable fabric, colour black	5.4.6	Water vapour permeability	mg/cm <sup>2</sup> h	<b>&gt; 1</b>	≥ 0,8
				Permeability coefficient	mg/cm <sup>2</sup>	<b>&gt; 15,2</b>	> 15
			6.3.1	Water absorption		<b>24%</b>	≤ 30%
				Water penetration		<b>0,0 g</b>	≤ 0,2 g
		<b>5.4.3</b>	<b>Tear resistance</b>	<b>N</b>	<b>233</b>	<b>≥ 60</b>	
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cm <sup>2</sup> h	<b>&gt; 6,3</b>	≥ 2	
				Permeability coefficient	mg/cm <sup>2</sup>	<b>&gt; 51,1</b>	≥ 20
	<b>lining</b>	Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cm <sup>2</sup> h	<b>&gt; 10,3</b>	≥ 2
					Permeability coefficient	mg/cm <sup>2</sup>	<b>&gt; 82,8</b>
	<b>Quarter</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, antibacterial, abrasion resistant, colour black and gold	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>47</b>	≤ 150
					<b>lining</b>	thickness 1,2 mm	5.8.4
	<b>Sole</b>	Antistatic Polyurethane/TPU directly injected in the upper:	5.8.5	Interlayer bond strength			
Outsole: Gold TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.							
	Midsole: Black polyurethane, low density, comfortable and anti-shock.						

Adherence coefficient of the sole

6.4.2	Hydrocarbons resistance ( $\Delta V$ = volume increase)	%	<b>10</b>	$\leq 12$
5.3.5	SRA : ceramic + detergent solution – flat		<b>0,36</b>	$\geq 0,32$
	SRA : ceramic + detergent solution – heel (contact angle 7°)		<b>0,34</b>	$\geq 0,28$
	SRB : steel + glycerol – flat		<b>0,26</b>	$\geq 0,18$
	SRB : steel + glycerol – heel (contact angle 7°)		<b>0,23</b>	$\geq 0,13$