



**Prod. Ref.** NT090-000  
**Safety cat.** S1 P SRC  
**Range of sizes** 36 - 48 (3 - 13)  
**Weight (sz. 8)** 660 g  
**Shape** A  
**Wide** 11

**Description:** Dark grey punched suede leather shoe, **Texelle** lining, antistatic, anti-shock, slipping resistant, with steel midsole.

**Plus:** Footbed **AIR** made of EVA and fabric, antistatic, anatomic, holed, antistatic. It guarantees high stability thanks to its different thicknesses in the plantar area. Bellows tongue. Padded collar.

**Suggested uses:** Store houses, maintenance jobs, 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 20345:2011	Description	Unit	Cofra result	Requirement
<b>Complete shoe</b>	<b>Toe cap:</b> steel made, varnished with epoxy resin, impact resistant until 200 J	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>16</b>	⬇ 14
	and compression resistant until 1500 kg	5.3.2.4	Compression resistance (clearance after compression)	mm	<b>15</b>	⬇ 14
	<b>Anti perforation midsole:</b> stainless steel, penetration resistance, varnished with epoxy resin	6.2.1	Penetration resistance	N	<b>1630</b>	⬇ 1100
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	M <sub>Ω</sub>	<b>280</b>	⬇ 0.1
			- dry	M <sub>Ω</sub>	<b>820</b>	↑ 1000
	<b>Energy absorption system:</b> polyurethane low density and heel profile	6.2.4	Shock absorption	J	<b>&gt; 35</b>	⬇ 20
<b>Upper</b>	Dark grey suede leather	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 5,6</b>	⬇ 0,8
	thickness 1,6/1,8 mm		Permeability coefficient	mg/cmq	<b>&gt; 51,6</b>	> 15
<b>Vamp lining</b>	Felt, breathable, colour dark grey	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 5,3</b>	⬇ 2
	thickness 1,2 mm		Permeability coefficient	mg/cmq	<b>&gt; 43,1</b>	⬇ 20
<b>Quarter lining</b>	<b>Texelle</b> , breathable, abrasion resistant, colour yellow	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 5,6</b>	⬇ 2
	thickness 1,2 mm		Permeability coefficient	mg/cmq	<b>&gt; 45,6</b>	⬇ 20
<b>Insole</b>	Antistatic, absorbent, abrasion and flaking resistant.	5.7.4.1	Abrasion resistance	cycle	<b>&gt; 400</b>	⬇ 400
<b>Sole</b>	Antistatic dual-density Polyurethane directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>84</b>	↑ 150
	Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant,	5.8.4	Flexing resistance (cut increase)	mm	<b>2</b>	↑ 4
	Midsole: black, low density, comfortable and anti-shock	5.8.6	Interlayer bond strength	N/mm	<b>&gt; 5</b>	⬇ 4
	Adherence coefficient of the sole	6.4.2	Hydrocarbons resistance ( $\Delta V$ = volume increase)	%	<b>1,8</b>	↑ 12
		5.3.5	SRA : ceramic + detergent solution – flat		<b>0,6</b>	⬇ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		<b>0,5</b>	⬇ 0,28
		SRB : steel + glycerol – flat		<b>0,28</b>	⬇ 0,18	
		SRB : steel + glycerol – heel (contact angle 7°)		<b>0,19</b>	⬇ 0,13	

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