



<b>Prod. Ref.</b>	30500-001
<b>Safety cat.</b>	S3 SRC
<b>Range of sizes</b>	39 - 48 (6 - 13)
<b>Weight (sz. 8)</b>	610 g
<b>Shape</b>	A
<b>Width (6)</b>	10
<b>Width (6,5 - 13)</b>	11

**Description:** Brown/black water repellent printed leather shoe, **DRYFRESH** 100% polyester fabric lining, antistatic, anti-shock, slipping resistant, non-woven fabric puncture resistant midsole **PEP Plate - Zero Perforation**

**Plus: METAL FREE.** Polyurethane/TPU sole with 3 self-modelling gel insert with different density in the metatarsal and calcaneal support points, they adapt to the shape of the plantar arch, by absorbing the different percentages of applied loading force. **SALUS** footbed, preformed, holed, made of antistatic expanded polyurethane foam, which can satisfy all different walking needs. The preformed line ensures the proper support throughout the whole working day, in every point of support of the foot. The very low hardness of the material provides a "cushion effect", without affecting the perfect posture of the user during all phases of walking and flexions. Perfumed sole

**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 20345:2011	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	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>14,5</b>	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	<b>19,5</b>	≥ 14
		6.2.1	Penetration resistance	N	<b>To 1100 N</b>	≥ 1100
	<b>Puncture resistant fabric:</b> conductive, almost entirely recycled, made of special non-woven fibers, penetration resistant, <b>Zero Perforation</b>				<b>No Perforation</b>	
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	<b>263</b>	≥ 0.1
			- dry	MΩ	<b>765</b>	≤ 1000
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>27</b>	≥ 20
<b>Upper</b>	Brown water repellent printed leather thickness 1,8/2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 0,9</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 16,2</b>	> 15
<b>Upper</b>	Black water repellent Pull-Up Nubuck thickness 1,8//2,0 mm	6.3.1	Water absorption		<b>6%</b>	≤ 30%
			Water penetration		<b>0,0 g</b>	≤ 0,2 g
		5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 2,5</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 26,1</b>	> 15
		6.3.1	Water resistance	minutes	<b>20%</b>	≤ 30%
					<b>0,0 g</b>	≤ 0,2 g
<b>Vamp lining</b>	Felt, breathable, colour dark grey Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 4,7</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 40,6</b>	≥ 20
<b>Quarter lining</b>	<b>DRYFRESH</b> 100% polyester fabric, breathable, abrasion resistant, colour grey thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 9,9</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 80</b>	≥ 20
<b>Sole</b>	Antistatic Polyurethane/TPU directly injected in the upper: Outsole: Black TPU, slipping resistant, abrasion resistant and hydrocarbons resistant. Midsole: Brown polyurethane, low density, comfortable and anti-shock.	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>73</b>	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	<b>1,5</b>	≤ 4
		5.8.6	Interlayer bond strength	N/mm	<b>4,1</b>	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>3</b>	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		<b>0,37</b>	≥ 0,32
	Adherence coefficient of the sole		SRA : ceramic + detergent solution – heel (contact angle 7°)		<b>0,29</b>	≥ 0,28

SRB : steel + glycerol – flat

**0,19**  $\geq 0,18$

SRB : steel + glycerol – heel (contact angle 7°)

**0,15**  $\geq 0,13$