



<b>Prod. Ref.</b>	30540-001
<b>Safety cat.</b>	S3 SRC
<b>Range of sizes</b>	39 - 48 (6 - 13)
<b>Weight (sz. 8)</b>	625 g
<b>Shape</b>	B
<b>Width (6)</b>	10
<b>Width (6,5 - 13)</b>	11

**Description:** Black/grey high tenacity fabric, partly made of ecological yarns, water repellent and leather ankle boot, **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.

**Abrasion resistant leather toe cap protection**

**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
	<b>Puncture resistant fabric:</b> conductive, almost entirely recycled, made of special non-woven fibers, 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		<b>No Perforation</b>	
			- 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>	high tenacity fabric, partly made of ecological yarns, water repellent, colour black/grey	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 20,7</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 186,6</b>	> 15
		6.3.1	Water absorption		<b>15%</b>	≤ 30%
			Water penetration		<b>0,0 g</b>	≤ 0,2 g
<b>Upper</b>	Black water repellent leather thickness 1,8/2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 1</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 15,2</b>	> 15
		6.3.1	Water absorption		<b>8%</b>	≤ 30%
			Water penetration		<b>0,0 g</b>	≤ 0,2 g
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 6,3</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 51,1</b>	≥ 20
<b>Quarter</b>	<b>DRYFRESH</b> 100% polyester fabric, breathable, abrasion resistant, colour light 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: Light grey 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	<b>0,19</b>	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)	<b>0,15</b>	≥ 0,13