

<b>Prod. Ref.</b>	55000-002
<b>Safety cat.</b>	S3 CI SRC
<b>Range of sizes</b>	40 - 47 (6,5 - 12)
<b>Weight (sz. 8)</b>	630 g
<b>Shape</b>	A
<b>Width</b>	11

**Description:** Black water repellent **ECOLORICA**<sup>®</sup> slip on shoe, **SANY-DRY**<sup>®</sup> lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

**Plus: METAL FREE.** Footbed **SOFT SQUARE**, made of soft and scented polyurethane, antistatic, anatomic, holed, soft and comfortable. The wide gel insert in the heel area absorbs the shock impact. The upper layer is made of antibacterial textile to prevent from bad odours, to absorb moisture and keep the foot dry. The higher sole, made of a special **FORMULA SOFT** compound, extremely light, **provides greater support and softness.** The wide support area dissipates the impact shock. **Thermo-insulating, anti-torsion, anti-vibration.** Thanks to an advanced mixture, studied and tested in our laboratories, the PU compound **FORMULA SOFT** of our midsole is **less hard and more elastic** than any sole in the market. The **softness** of the sole can be experienced in case of strong impacts with the ground, during which the sole gets progressively harder, thus avoiding impact shock on the spinal column. The sole design allows foot's movements, providing maximum support and shock absorption. Upper handwash with neutral soap to max 40°C

**Suggested uses:** Footwear for food industry

**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>TOP RETURN</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</b>	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	<b>17,5</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>No perforation</b>
<b>Upper</b>	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	<b>280</b>	≥ 0.1
		- dry	MΩ	<b>645</b>	≤ 1000	
	<b>Cold insulation</b>	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	<b>8</b>	≤ 10
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>38</b>	≥ 20
	<b>Water repellent <b>ECOLORICA</b><sup>®</sup>, colour black thickness 1,6 mm</b>	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 1,5</b>	≥ 0,8
		Permeability coefficient	mg/cmq	<b>&gt; 15</b>	> 15	
6.3.1		Water absorption		<b>23%</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</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 48</b>	≥ 20
<b>Quarter</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, antibacterial, abrasion resistant, colour black thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 9,8</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 78,5</b>	≥ 20
<b>Sole</b>	<b>FORMULA SOFT</b> , antistatic dual-density polyurethane, directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: black, low density, comfortable and anti-shock Adherence coefficient of the sole	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>57</b>	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	<b>3</b>	≤ 4
		5.8.6	Interlayer bond strength	N/mm	<b>&gt; 5</b>	≥ 4
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>+ 0,3</b>	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		<b>0,43</b>	≥ 0,32

SRA : ceramic + detergent solution – heel (contact angle 7°)	<b>0,35</b>	≥ 0,28
SRB : steel + glycerol – flat	<b>0,21</b>	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)	<b>0,13</b>	≥ 0,13