



<b>Prod. Ref.</b>	76420-001
<b>Safety cat.</b>	S2 SRC
<b>Range of sizes</b>	35 - 48 (2 - 13)
<b>Weight (sz. 8)</b>	510 g
<b>Shape</b>	A
<b>Width (2 - 6)</b>	10
<b>Width (6,5 - 13)</b>	11

**Description:** Black water repellent and breathable **NEWTECH** shoe, **TEXELLE** lining, antistatic, anti-shock, slipping resistant

**Plus:** The upper is easy to clean, up to 40°C, with neutral soap and water. **EVANIT** footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. Perfumed sole

**Suggested uses:** Footwear for food industry

**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

<b>Complete shoe</b>	<b>Toe cap:</b> steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges
<b>Upper</b>	<b>Energy absorption system</b> Black water repellent and breathable <b>NEWTECH</b> thickness 1,6 mm
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black
<b>lining</b>	Thickness 1,2 mm
<b>Quarter</b>	<b>TEXELLE</b> , breathable, abrasion resistant, colour black
<b>lining</b>	thickness 1,2 mm
<b>Insole</b>	Antistatic, absorbent, abrasion and flaking resistant
<b>Sole</b>	antistatic single-density polyurethane directly injected on the upper, colour black, slipping resistant, abrasion resistant and hydrocarbons resistant
	Adherence coefficient of the sole

### SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
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>16</b>	≥ 14
6.2.2.2	Electric resistance			
	- wet	MΩ	<b>5,5</b>	≥ 0.1
	- dry	MΩ	<b>27</b>	≤ 1000
6.2.4	Shock absorption	J	<b>34</b>	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	> <b>1,8</b>	≥ 0,8
	Permeability coefficient	mg/cmq	> <b>17,1</b>	> 15
6.3.1	Water absorption		<b>20%</b>	≤ 30%
	Water penetration		<b>0,0 g</b>	≤ 0,2 g
5.5.3	Water vapour permeability	mg/cmq h	> <b>6,3</b>	≥ 2
	Permeability coefficient	mg/cmq	> <b>51,1</b>	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	> <b>6,8</b>	≥ 2
	Permeability coefficient	mg/cmq	> <b>55,4</b>	≥ 20
5.7.4.1	Abrasion resistance	cycle	> <b>400</b>	≥ 400
5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>78</b>	≤ 250
5.8.4	Flexing resistance (cut increase)	mm	<b>2</b>	≤ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>1,7</b>	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		<b>0,56</b>	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		<b>0,52</b>	≥ 0,28
	SRB : steel + glycerol – flat		<b>0,25</b>	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		<b>0,21</b>	≥ 0,13