



**Prod. Ref.** 33020-006  
**Safety cat.** S1 SRC  
**Range of sizes** 39 - 47 (6 - 12)  
**Weight** 530 g  
**Shape** A  
**Width** 10

**Description:** Black full grain leather slip-on, leather lining, antistatic, anti-shock, slipping resistant

**Plus:** half insole made of leather and padded in the heel area

**Suggested uses:** Footwear for service industry and uniforms

**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

**Complete shoe** **Toe cap:** steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg

**Antistatic shoe:** the bottom is fit for the dissipation of electrostatic charges

#### Energy absorption system

**Upper**

Black full grain leather  
 thickness 1,6/1,8 mm

**Vamp**

Gabardine, breathable, colour black

**lining**

thickness 1,2 mm

**Quarter**

Leather, breathable, abrasion resistant, colour light brown

**lining**

thickness 0,9 mm

**Insole**

Antistatic, absorbent, abrasion and flaking resistant.

**Sole**

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	Standard requirement
	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>15</b>	≥ 14
	5.3.2.4	Compression resistance (clearance after compression)	mm	<b>15,5</b>	≥ 14
	6.2.2.2	Electric resistance			
		- wet	MΩ	<b>7,43</b>	≥ 0.1
		- dry	MΩ	<b>839</b>	≤ 1000
	6.2.4	Shock absorption	J	<b>28</b>	≥ 20
	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 1,4</b>	≥ 0,8
		Permeability coefficient	mg/cmq	<b>&gt; 17,9</b>	> 15
	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 5,2</b>	≥ 2
		Permeability coefficient	mg/cmq	<b>&gt; 43,6</b>	≥ 20
	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 6,4</b>	≥ 2
		Permeability coefficient	mg/cmq	<b>&gt; 53,3</b>	≥ 20
	5.7.4.1	Abrasion resistance	cycle	<b>&gt; 400</b>	≥ 400
	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>195</b>	≤ 250
	5.8.4	Flexing resistance (cut increase)	mm	<b>2</b>	≤ 4
	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>1</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>0,40</b>	≥ 0,28
		SRB : steel + glycerol – flat		<b>0,19</b>	≥ 0,18
		SRB : steel + glycerol – heel (contact angle 7°)		<b>0,14</b>	≥ 0,13