

Prod. Ref.	10040-009
Safety cat.	S3 SRC
Range of sizes	36 - 47
Weight (sz. 42)	455 g
Shape	A
Wide	11

Description: Black water repellent **Lorica**[®] slip on shoe, **Sany-Dry**[®] lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole.

Plus: Footwear completely free from metal parts. Upper washable with neutral soap. Footbed **AIR** made of EVA and fabric, antistatic, it guarantees high stability thanks to its different thicknesses in the plantar area. Adjusting elastic-velcro fastening. Padded collar.

Suggested uses: Canteens, food and chemicals industries, chemistry.

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

Complete shoe	Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J and compression resistant until 1500 kg
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
Upper	Energy absorption system: polyurethane low density and heel profile Water repellent Lorica [®] , colour black thickness 1,5 mm
Vamp	Textile, breathable, abrasion resistant, colour black
lining	Thickness 1,2 mm
Quarter	Sany-Dry [®] , breathable, abrasion resistant, colour black
lining	thickness 1,2 mm
Sole	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

SAFETY TECHNICAL SPECIFICATIONS

	Clause EN ISO 20344 :2004	Description	Unit	Cofra result	EN ISO 20345:2004 requirement
	5.3.2.3	Shock resistance (clearance after shock)	mm	14,2	≥ 14
	5.3.2.4	Compression resistance (clearance after compression)	mm	14	≥ 14
	6.2.1.5.2	Penetration resistance	N	1300	≥ 1100
	6.2.2.2	Electric resistance			
		- wet	MΩ	22	≥ 0,1
		- dry	MΩ	56	≤ 1000
	6.2.4	Shock absorption	J	> 28	≥ 20
	5.4.6	Water vapour permeability	mg/cmq h	> 1,5	≥ 0,8
		Permeability coefficient	mg/cmq	> 15	> 15
	6.3.1	Water resistance	minutes	> 60	> 60
	5.5.3	Water vapour permeability	mg/cmq h	> 6	≥ 2
		Permeability coefficient	mg/cmq	> 48	≥ 20
	5.5.3	Water vapour permeability	mg/cmq h	> 6,7	≥ 2
		Permeability coefficient	mg/cmq	> 54,2	≥ 20
	5.8.3	Abrasion resistance (lost volume)	mm ³	85	≤ 150
	5.8.4	Flexing resistance (cut increase)	mm	2,5	≤ 4
	5.8.6	Interlayer bond strength	N/mm	> 5	≥ 4
	6.4.5	Hydrocarbons resistance (ΔV = volume increase)	%	+ 0,4	≤ + 12
	5.3.5	SRA : ceramic + detergent solution – flat		0,40	≥ 0,32
		SRA : ceramic + detergent solution – heel (contact angle 7°)		0,38	≥ 0,28
		SRB : steel + glycerol – flat		0,18	≥ 0,18
		SRB : steel + glycerol – heel (contact angle 7°)		0,15	≥ 0,13