



Prod. Ref.	55000-001
Safety cat.	S3 CI SRC
Range of sizes	36 - 48
Weight (sz. 8)	630 g
Shape	A
Wide	11

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

Plus: Footwear completely free from metal parts. Footbed **SOFT SQUARE**, anatomic, made of scented, antibacterial, soft and comfortable PU. 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: Canteens, food and chemicals industries, chemistry, hospital, clinic.

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

SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20344 :2011	Description	Unit	Cofra result	Requirement	
Complete shoe	Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	14	≥ 14	
		5.3.2.4	Compression resistance (clearance after compression)	mm	17,5	≥ 14	
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N	≥ 1100	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			No perforation	
			- wet	MΩ	280	≥ 0.1	
	- dry	MΩ	645	≤ 1000			
	Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	8	≤ 10	
	Energy absorption system: polyurethane low density and heel profile	6.2.4	Shock absorption	J	> 38	≥ 20	
Upper	Water repellent Lorica® , colour white thickness 1,6 mm	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	
Vamp lining	Textile, breathable, antibacterial, abrasion resistant, colour white thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 6	≥ 2	
			Permeability coefficient	mg/cmq	> 48	≥ 20	
Quarter lining	Sany-Dry® , breathable, antibacterial, abrasion resistant, colour white thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 9,8	≥ 2	
			Permeability coefficient	mg/cmq	> 78,5	≥ 20	
Sole	FORMULA SOFT , antistatic dual-density Polyurethane, directly injected in the upper: Outsole: white, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: white, low density, comfortable and anti-shock Adherence coefficient of the sole	5.8.3	Abrasion resistance (lost volume)	mm ³	57	≤ 150	
		5.8.4	Flexing resistance (cut increase)	mm	3	≤ 4	
		5.8.6	Interlayer bond strength	N/mm	> 5	≥ 4	
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	+ 0,3	≤ 12	
		5.3.5	SRA : ceramic + detergent solution – flat	0,43	≥ 0,32		
			SRA : ceramic + detergent solution – heel (contact angle 7°)	0,35	≥ 0,28		
	SRB : steel + glycerol – flat	0,21	≥ 0,18				
	SRB : steel + glycerol – heel (contact angle 7°)	0,13	≥ 0,13				

