



Prod. Ref.	55260-N00
Safety cat.	S3S CI FO SR
Range of sizes	36 - 48 (3- 13)
Weight (sz. 8)	640 g
Shape	A
Width	11

Description: White water repellent **ECOLORICA**[®] shoe, **SANY-DRY**[®] lining, antistatic, anti-shock, slipping resistant, with non metallic **APT PLUS** midsole - type **PS** with Ø 3,0 mm nail.

Plus: METAL FREE. Footbed **SOFT SQUARE**, anatomic, made of scented, 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. 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 20345:2022	Description	Unit	Cofra result	Requirement
Complete shoe	Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J	5.3.2.6	Shock resistance (clearance after shock)	mm	15	≥ 14
	and compression resistant until 1500 kg	5.3.2.7	Compression resistance (clearance after compression)	mm	18	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1.1.4	Penetration resistance (PS requirement with Ø 3,0 mm nail)	N	1270	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	131,48	≥ 0.1
		- dry	MΩ	365,71	≤ 1000	
	Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	5	≤ 10
	Energy absorption system	6.2.4	Shock absorption	J	45	≥ 20
Upper	Water repellent ECOLORICA [®] , colour white thickness 1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 3,8	≥ 0,8
			Permeability coefficient	mg/cmq	> 32,5	≥ 15
		6.3	Water absorption		8,1%	≤ 30%
				Water penetration		0,0 g
Vamp lining	Textile, breathable, abrasion resistant, colour white Thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> 84,7	≥ 2
			Permeability coefficient	mg/cmq	> 677,4	≥ 20
Quarter lining	SANY-DRY [®] , breathable, abrasion resistant, colour white thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> 64,4	≥ 2
			Permeability coefficient	mg/cmq	> 515,4	≥ 20
Sole	FORMULA SOFT , antistatic dual-density polyurethane directly injected in the upper:	5.8.4	Abrasion resistance (lost volume)	mm ³	141	≤ 150
	Outsole: white, high density, slipping resistant, abrasion resistant and hydrocarbons resistant	5.8.5	Flexing resistance (cut increase)	mm	0,9	≤ 4
	Midsole: white, low density, comfortable and anti-shock	5.8.7	Interlayer bond strength	N/mm	3,4	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	5,1	≤ 12
	Adherence coefficient of the sole (Slip resistance)	5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		0,42	≥ 0,36
		ceramic + detergent solution – heel (contact angle 7°)		0,37	≥ 0,31	
		6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		0,30	≥ 0,22
			SR : ceramic + glycerol – heel (contact angle 7°)		0,35	≥ 0,19