COFRA®
BORN TO WORK

PRODUCT SHEET

NUMA S2 FO SR

Prod. Ref.	10150-N00
Safety cat.	S2 FO SR
Range of sizes	36 - 47 (3 - 12)
Weight (sz. 8)	528 g
Shape	B
Widht	11

Description: White water repellent **ECOLORICA®** slip-on ankle boot, **SANY-DRY®** lining, antistatic, anti-shock, slipping resistant

Plus: 100% METAL FREE. 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. Adjusting elastic-velcro fastening. Perfumed sole

Suggested uses: Footwear for chemical and food industry. Footwear for hospital service

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:** non metallic **TOP RETURN** toe cap, 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	Water repellent **ECOLORICA®**, colour white thickness 1,8 mm
Vamp lining	Textile, breathable, abrasion resistant, colour white Thickness 1,2 mm
Quarter lining	**SANY-DRY®**, breathable, abrasion resistant, colour white thickness 1,2 mm
Insole	Antistatic, absorbent, abrasion and flaking resistant
Sole	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 (Slip resistance)

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2022	Description	Unit	Cofra result	Requirement
5.3.2.6	Shock resistance (clearance after shock)	mm	**15**	≥ 14
5.3.2.7	Compression resistance (clearance after compression)	mm	**15,5**	≥ 14
6.2.2.2	Electric resistance			
	- wet	MΩ	**95,68**	≥ 0.1
	- dry	MΩ	**287**	≤ 1000
6.2.4	Shock absorption	J	**42**	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	**> 6,7**	≥ 0,8
	Permeability coefficient	mg/cmq	**> 54,6**	≥ 15
6.3	Water absorption		**6%**	≤ 30%
	Water penetration		**0,0 g**	≤ 0,2 g
5.5.4	Water vapour permeability	mg/cmq h	**> 84,7**	≥ 2
	Permeability coefficient	mg/cmq	**> 677,4**	≥ 20
5.5.4	Water vapour permeability	mg/cmq h	**> 64,4**	≥ 2
	Permeability coefficient	mg/cmq	**> 515,4**	≥ 20
5.7.4.1	Abrasion resistance	cycle	**> 400**	≥ 400
5.8.4	Abrasion resistance (lost volume)	mm^3	**138**	≤ 150
5.8.5	Flexing resistance (cut increase)	mm	**2,1**	≤ 4
5.8.7	Interlayer bond strength	N/mm	**4**	≥ 3
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**5,7**	≤ 12
5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		**0,41**	≥ 0,36
	ceramic + detergent solution – heel (contact angle 7°)		**0,36**	≥ 0,31
6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		**0,27**	≥ 0,22
	SR : ceramic + glycerol – heel (contact angle 7°)		**0,25**	≥ 0,19