

Prod. Ref. 76430-N04
Safety cat. S3S FO SR
Range of sizes 49 - 52 (14 - 17)
Weight (sz. 15) 830 g
Shape B
Width 11

Description: Black water repellent printed leather ankle boot, **TEXELLE** lining, antistatic, anti-shock, slipping resistant,, non metallic **APT PLUS** midsole **Zero Perforation**

Plus: **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. Perfumed sole

Suggested uses: Construction, maintenance, industries.

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: steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.6	Shock resistance (clearance after shock)	mm	16,5	≥ 15
		5.3.2.7	Compression resistance (clearance after compression)	mm	16	≥ 15
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance (PS requirement with Ø 3,0 mm nail)	N	To 1100 N No perforation	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance - wet - dry	MΩ MΩ	401,65 544,31	≥ 0.1 ≤ 1000
Upper	Energy absorption system	6.2.4	Shock absorption	J	44	≥ 20
	Black water repellent printed leather thickness 1,8/2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	> 2,2	≥ 0,8
			Permeability coefficient	mg/cmq	> 26,6	≥ 15
		6.3	Water absorption Water penetration		13% 0,0 g	≤ 30% ≤ 0,2 g
Vamp	Felt, breathable, colour dark grey	5.5.4	Water vapour permeability	mg/cmq h	> 5	≥ 2
lining	thickness 1,2 mm		Permeability coefficient	mg/cmq	> 41,9	≥ 20
Quarter	TEXELLE , breathable, abrasion resistant, colour black	5.5.4	Water vapour permeability	mg/cmq h	> 2,4	≥ 2
	thickness 1,2 mm		Permeability coefficient	mg/cmq	> 19,9	≥ 20
Sole	Antistatic dual-density polyurethane directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion Midsole: black, low density, comfortable and anti-shock	5.8.4	Abrasion resistance (lost volume)	mm ³	206	≤ 250
		5.8.5	Flexing resistance (cut increase)	mm	1,1	≤ 4
		5.8.7	Interlayer bond strength	N/mm	5,1	≥ 3
	Adherence coefficient of the sole (Slip resistance)	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	3,5	≤ 12
		5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		0,40	≥ 0,36
			ceramic + detergent solution – heel (contact angle 7°)		0,35	≥ 0,31
		6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		0,27	≥ 0,22
			SR : ceramic + glycerol – heel (contact angle 7°)		0,33	≥ 0,19