



Prod. Ref. 78670-000
Safety cat. S1 P SRC
Range of sizes 35 - 48 (2 - 13)
Weight (sz. 8) 500 g
Shape A
Width 11

Description: Blue punched suede leather shoe, **SANY-DRY**[®] lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** 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. **Excellent breathability**

Suggested uses: Warehouses, transportation sector, industries

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

		Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
Complete shoe	Toe cap: ALUMINIUM made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	15,5	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	15	≥ 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	215	≥ 0.1
			- dry	MΩ	850	≤ 1000
	Energy absorption system	6.2.4	Shock absorption	J	30	≥ 20
Upper	Blue suede leather thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 5,2	≥ 0,8
			Permeability coefficient	mg/cmq	> 49,5	> 15
Vamp lining	Textile, breathable, abrasion resistant, colour black Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
			Permeability coefficient	mg/cmq	> 51,1	≥ 20
Quarter lining	SANY-DRY [®] , antibacterial, breathable, abrasion resistant, colour yellow thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
			Permeability coefficient	mg/cmq	> 82,8	≥ 20
Sole	Antistatic dual-density polyurethane directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: blue, low density, comfortable and anti-shock Adherence coefficient of the sole	5.8.3	Abrasion resistance (lost volume)	mm ³	48	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	2	≤ 4
		5.8.5	Interlayer bond strength	N/mm	> 5	≥ 4
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	0,5	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		0,54	≥ 0,32

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
5.3.2.3	Shock resistance (clearance after shock)	mm	15,5	≥ 14
5.3.2.4	Compression resistance (clearance after compression)	mm	15	≥ 14
6.2.1	Penetration resistance	N	To 1100 N	≥ 1100
6.2.2.2	Electric resistance		No perforation	
	- wet	MΩ	215	≥ 0.1
	- dry	MΩ	850	≤ 1000
6.2.4	Shock absorption	J	30	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	> 5,2	≥ 0,8
	Permeability coefficient	mg/cmq	> 49,5	> 15
5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
	Permeability coefficient	mg/cmq	> 51,1	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
	Permeability coefficient	mg/cmq	> 82,8	≥ 20
5.8.3	Abrasion resistance (lost volume)	mm ³	48	≤ 150
5.8.4	Flexing resistance (cut increase)	mm	2	≤ 4
5.8.5	Interlayer bond strength	N/mm	> 5	≥ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	0,5	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		0,54	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		0,44	≥ 0,28
	SRB : steel + glycerol – flat		0,23	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		0,16	≥ 0,13

Distributed by:

