



Prod. Ref. NT300-000
Safety cat. S1 SRC
Range of sizes 36 - 48 (3 - 13)
Weight (sz. 8) 550 g
Shape A
Wide 11

Description: Blue punched suede leather shoe, **Texelle** lining, antistatic, anti-shock, slipping resistant.

Plus: Footbed **AIR** made of EVA and fabric, antistatic, anatomic, holed, antistatic. It guarantees high stability thanks to its different thicknesses in the plantar area. Bellows tongue. Padded collar.

Suggested uses: Engineering jobs, maintenance jobs, 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

Complete shoe	Toe cap: steel made, varnished with epoxy resin, 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: polyurethane low density and heel profile
Upper	Blue suede leather thickness 1,6/1,8 mm
Vamp lining	Felt, breathable, colour dark grey thickness 1,2 mm
Quarter lining	Texelle , breathable, abrasion resistant, colour blue thickness 1,2 mm
Insole	Antistatic, absorbent, abrasion and flaking resistant
Sole	Antistatic dual-density Polyurethane directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: black, low density, comfortable and anti-shock Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

	Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
	5.3.2.3	Shock resistance (clearance after shock)	mm	16	≥ 14
	5.3.2.4	Compression resistance (clearance after compression)	mm	15	≥ 14
	6.2.2.2	Electric resistance			
		- wet	MΩ	280	≥ 0.1
		- dry	MΩ	820	≤ 1000
	6.2.4	Shock absorption	J	> 35	≥ 20
	5.4.6	Water vapour permeability	mg/cmq h	> 5,6	≥ 0,8
		Permeability coefficient	mg/cmq	> 51,6	> 15
	5.5.3	Water vapour permeability	mg/cmq h	> 5,3	≥ 2
		Permeability coefficient	mg/cmq	> 43,1	≥ 20
	5.5.3	Water vapour permeability	mg/cmq h	> 5,6	≥ 2
		Permeability coefficient	mg/cmq	> 45,6	≥ 20
	5.7.4.1	Abrasion resistance	cycle	> 400	≥ 400
	5.8.3	Abrasion resistance (lost volume)	mm ³	84	≤ 150
	5.8.4	Flexing resistance (cut increase)	mm	2	≤ 4
	5.8.6	Interlayer bond strength	N/mm	> 5	≥ 4
	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	+ 1,8	≤ 12
	5.3.5	SRA : ceramic + detergent solution – flat		0,60	≥ 0,32
		SRA : ceramic + detergent solution – heel (contact angle 7°)		0,50	≥ 0,28
		SRB : steel + glycerol – flat		0,28	≥ 0,18
		SRB : steel + glycerol – heel (contact angle 7°)		0,19	≥ 0,13