COFRA® BORN TO WORK

PRODUCT SHEET NEW ARNO S1 SRC

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