

Prod. Ref.	30010-001
Safety cat.	S3 SRC
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 8)	606 g
Shape	B
Width	11

Description: Black water repellent full grain leather ankle boot, **SPHERA** 100% polyamide fabric lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: **COFRA SOFT** footbed, made of scented polyurethane, holed, antistatic, anatomic, soft and comfortable; the shape of the bottom part guarantees impact energy absorption; the upper part absorbs moisture and keeps the foot dry. Arch support made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings. Perfumed sole. Leather toe cap protection

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 20345:2011	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	14,5	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N	≥ 1100
					No perforation	
Upper	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	430	≥ 0.1
			- dry	MΩ	860	≤ 1000
	Energy absorption system	6.2.4	Shock absorption	J	32	≥ 20
	Black water repellent full grain leather thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 0,8	≥ 0,8
			Permeability coefficient	mg/cmq	> 15	> 15
		6.3.1	Water absorption		18%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
	Vamp	5.5.3	Water vapour permeability	mg/cmq h	> 4,7	≥ 2
			Permeability coefficient	mg/cmq	> 40,6	≥ 20
Quarter	SPHERA 100% polyamide fabric, breathable, abrasion resistant, colour black thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 8,6	≥ 2
			Permeability coefficient	mg/cmq	> 69,2	≥ 20
Sole	Antistatic Polyurethane/TPU directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm ³	33	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
	Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.5	Interlayer bond strength	N/mm	3,8	≥ 3
	Midsole: Black polyurethane, low density, comfortable and anti-shock.	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	-1,5	≤ 12
	Adherence coefficient of the sole	5.3.5	SRA : ceramic + detergent solution – flat		0,51	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,43	≥ 0,28
			SRB : steel + glycerol – flat		0,23	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		0,16	≥ 0,13