



Prod. Ref. 78500-010
Safety cat. S3 SRC
Range of sizes 35 - 41 (2 - 7)
Weight (sz. 4) 476 g
Shape A
Width 11

Description: Black water repellent nubuck shoe, **SANY-DRY**[®] 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. Perfumed sole

Suggested uses: Women footwear

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	14	≥ 13
		5.3.2.4	Compression resistance (clearance after compression)	mm	13,5	≥ 13
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N	≥ 1100
Upper	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	386	≥ 0.1
		- dry	MΩ	705	≤ 1000	
	Energy absorption system	6.2.4	Shock absorption	J	27	≥ 20
	Black water repellent nubuck thickness 1,8/2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	> 4	≥ 0,8
Vamp lining Quarter lining Sole	Textile, breathable, abrasion resistant, colour black Thickness 1,2 mm	5.5.3	Permeability coefficient	mg/cmq	> 39,5	> 15
			Water absorption		24%	≤ 30%
	Thickness 1,2 mm	5.5.3	Water penetration		0,1 g	≤ 0,2 g
			Water vapour permeability	mg/cmq h	> 6,3	≥ 2
	Antistatic Polyurethane/TPU directly injected in the upper:	5.5.3	Permeability coefficient	mg/cmq	> 51,1	≥ 20
			Water vapour permeability	mg/cmq h	> 10,3	≥ 2
	Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.3	Abrasion resistance (lost volume)	mm ³	37	≤ 150
Midsole: Black polyurethane, low density, comfortable and anti-shock.	5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4	
Adherence coefficient of the sole	5.8.5	Interlayer bond strength	N/mm	> 5	≥ 4	
	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	-0,6	≤ 12	
	5.3.5	SRA : ceramic + detergent solution – flat		0,58	≥ 0,32	
		SRA : ceramic + detergent solution – heel (contact angle 7°)		0,52	≥ 0,28	
		SRB : steel + glycerol – flat		0,27	≥ 0,18	
		SRB : steel + glycerol – heel (contact angle 7°)		0,18	≥ 0,13	