



Prod. Ref.	30510-000
Safety cat.	S1 P SRC
Range of sizes	39 - 48 (6 - 13)
Weight (sz. 8)	583 g
Shape	A
Width (6)	10
Width (6,5 - 13)	11

Description: Black/dark green highly breathable, abrasion and tear resistant fabric and leather shoe, **DRYFRESH** 100% polyester fabric lining, antistatic, anti-shock, slipping resistant, non-woven fabric puncture resistant midsole **PEP Plate - Zero Perforation**

Plus: METAL FREE. Polyurethane/TPU sole with 3 self-modelling gel insert with different density in the metatarsal and calcaneal support points, they adapt to the shape of the plantar arch, by absorbing the different percentages of applied loading force. **SALUS** footbed, preformed, holed, made of antistatic expanded polyurethane foam, which can satisfy all different walking needs. The preformed line ensures the proper support throughout the whole working day, in every point of support of the foot. The very low hardness of the material provides a "cushion effect", without affecting the perfect posture of the user during all phases of walking and flexions. Perfumed sole. **Abrasion resistant leather toe cap protection**

Suggested uses: Warehouses, transportation sector, 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: non metallic FIBERGLASS toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	14,5	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	19,5	≥ 14
	Puncture resistant fabric: conductive, almost entirely recycled, made of special non-woven fibers, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N No Perforation	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	263	≥ 0.1
			- dry	MΩ	765	≤ 1000
	Energy absorption system	6.2.4	Shock absorption	J	27	≥ 20
Upper	highly breathable, abrasion and tear resistant fabric, colour black/dark green	5.4.6	Water vapour permeability	mg/cmq h	> 3,9	≥ 0,8
			Permeability coefficient	mg/cmq	> 33,7	> 15
Upper	Leather, colour black thickness 1,8/2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	> 1	≥ 0,8
			Permeability coefficient	mg/cmq	> 15,4	> 15
Vamp	Textile, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
			Permeability coefficient	mg/cmq	> 51,1	≥ 20
Quarter	DRYFRESH 100% polyester fabric, breathable, abrasion resistant, colour fluo yellow	5.5.3	Water vapour permeability	mg/cmq h	> 9,9	≥ 2
			Permeability coefficient	mg/cmq	> 80	≥ 20
Sole	Antistatic Polyurethane/TPU directly injected in the upper: Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant Midsole: Black polyurethane, low density, comfortable and anti-shock.	5.8.3	Abrasion resistance (lost volume)	mm ³	73	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	1,5	≤ 4
		5.8.6	Interlayer bond strength	N/mm	4,1	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	3	≤ 12
	Adherence coefficient of the sole	5.3.5	SRA : ceramic + detergent solution – flat		0,37	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,29	≥ 0,28
			SRB : steel + glycerol – flat		0,19	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		0,15	≥ 0,13