COFRA®
BORN TO WORK

PRODUCT SHEET

DANCING S1 P SRC

Prod. Ref.	30690-000
Safety cat.	S1 P SRC
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	564 g
Shape	A
Width (3 - 6)	10
Width (6,5 - 13)	11

Description: Grey/black innovative, breathable and abrasion resistant multifiber fabric 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

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

		Clause EN ISO 20345:2011
Complete shoe	**Toe cap:** non metallic **FIBERGLASS** toe cap, impact resistant until 200 J	5.3.2.3
	and compression resistant until 1500 kg	5.3.2.4
	Puncture resistant fabric: conductive, almost entirely recycled, made of special non-woven fibers, penetration resistant, **Zero Perforation**	6.2.1
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2
	Energy absorption system	6.2.4
Upper	Innovative, breathable and abrasion resistant multifiber fabric, colour grey/black	5.4.6
Vamp lining	Textile, breathable, abrasion resistant, colour black Thickness 1,2 mm	5.5.3
Quarter lining	**DRYFRESH** 100% polyester fabric, breathable, abrasion resistant, colour fluo yellow thickness 1,2 mm	5.5.3
Sole	Antistatic Polyurethane/TPU directly injected in the upper:	5.8.3
	Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant	5.8.4
	Midsole: Black polyurethane, low density, comfortable and anti-shock.	5.8.6
		6.4.2
	Adherence coefficient of the sole	5.3.5

SAFETY TECHNICAL SPECIFICATIONS

Description	Unit	Cofra result	Requirement
Shock resistance (clearance after shock)	mm	**14,5**	≥ 14
Compression resistance (clearance after compression)	mm	**19,5**	≥ 14
Penetration resistance	N	**To 1100 N** **No Perforation**	≥ 1100
Electric resistance			
- wet	MΩ	**263**	≥ 0.1
- dry	MΩ	**765**	≤ 1000
Shock absorption	J	**27**	≥ 20
Water vapour permeability	mg/cmq h	**> 6,7**	≥ 0,8
Permeability coefficient	mg/cmq	**> 74**	> 15
Water vapour permeability	mg/cmq h	**> 6,3**	≥ 2
Permeability coefficient	mg/cmq	**> 51,1**	≥ 20
Water vapour permeability	mg/cmq h	**> 9,9**	≥ 2
Permeability coefficient	mg/cmq	**> 80**	≥ 20
Abrasion resistance (lost volume)	mm^3	**73**	≤ 150
Flexing resistance (cut increase)	mm	**1,5**	≤ 4
Interlayer bond strength	N/mm	**4,1**	≥ 3
Hydrocarbons resistance (ΔV = volume increase)	%	**3**	≤ 12
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