

Prod. Ref. PE030-000
Safety cat. S1 PS SC FO SR
Range of sizes 36 - 48 (3 - 13)
Weight (sz. 8) 498 g
Shape A
Width 11

Description: Black highly breathable fabric and microfibre shoe, **SANY-DRY®** lining, antistatic, anti-shock, slipping resistant, with non metallic **APT PLUS** midsole - type **PS** with Ø 3,0 mm nail.

Plus: **LIGHT FOAM** footbed, made of extremely soft and comfortable polyurethane foam. Punched, antistatic, its anatomical shape provides support to the plantar arch; covered with abrasion resistant fabric, it absorbs moisture and keeps always the foot dry; it guarantees excellent comfort and shock absorption.

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

Complete shoe	Toe cap: ALUMINIUM made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
Upper	Energy absorption system Highly breathable fabric, colour black
Upper	Black breathable microfibre thickness 1,6 mm
Vamp	Textile, breathable, abrasion resistant, colour black
lining	Thickness 1,2 mm
Quarter	SANY-DRY® , breathable, abrasion resistant, colour orange
lining	thickness 1,2 mm
Sole	Antistatic dual-density polyurethane directly injected in the upper: Outsole: orange, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: black, low density, comfortable and anti-shock
	Adherence coefficient of the sole (Slip resistance)

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2022	Description	Unit	Cofra result	Requireme nt
5.3.2.6	Shock resistance (clearance after shock)	mm	16	≥ 14
5.3.2.7	Compression resistance (clearance after compression)	mm	18	≥ 14
6.2.1.1.4	Penetration resistance (PS requirement with Ø 3,0 mm nail)	N	1612	≥ 1100
6.2.2.2	Electric resistance			
	- wet	MΩ	12,35	≥ 0.1
	- dry	MΩ	77	≤ 1000
6.2.4	Shock absorption	J	30	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	> 86,7	≥ 0,8
	Permeability coefficient	mg/cmq	> 693,7	≥ 15
5.4.6	Water vapour permeability	mg/cmq h	> 2,5	≥ 0,8
	Permeability coefficient	mg/cmq	> 21,6	≥ 15
5.5.4	Water vapour permeability	mg/cmq h	> 4,1	≥ 2
	Permeability coefficient	mg/cmq	> 47,2	≥ 20
5.5.4	Water vapour permeability	mg/cmq h	> 9,4	≥ 2
	Permeability coefficient	mg/cmq	> 76,4	≥ 20
5.8.4	Abrasion resistance (lost volume)	mm ³	48	≤ 150
5.8.5	Flexing resistance (cut increase)	mm	0	≤ 4
5.8.7	Interlayer bond strength	N/mm	3,4	≥ 3
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	1,6	≤ 12
5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		0,41	≥ 0,36
	ceramic + detergent solution – heel (contact angle 7°)		0,35	≥ 0,31
6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		0,37	≥ 0,22
	SR : ceramic + glycerol – heel (contact angle 7°)		0,42	≥ 0,19

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