



Prod. Ref.	79442-000
Safety cat.	S3 SRC
Range of sizes	35 - 48 (2 - 13)
Weight (sz. 8)	550 g
Shape	A
Width	11

Description: Black **TECHSHELL**, innovative, very tough, abrasion resistant, water repellent and breathable fabric shoe, **SANY-DRY®** lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**, even with a 3 mm diameter nail

Plus: **MEMORY PLUS** footbed, anatomic, punched, antistatic and preformed footbed. It guarantees ergonomic comfort and high breathability. The memory layer, made of slow memory polyurethane foam, has high viscoelastic properties. The abrasion resistant covering textile, ladderproof and antibacterial, absorbs moisture and leaves the foot always dry. Perfumed sole. **TPU toe cap protection**. **Boa®** closure system allows to put on and take off the shoe easily and quickly. Made of aviation INOX steel, Boa® laces resist to the highest stress. With one single hand it is possible to set the Boa® closure system easily and adjust it to the millimetre (**Micro-adjustability - 1 click = 1 mm**)

Suggested uses: Construction, maintenance, warehouses, transportation sector, industries

Care and maintenance: Clean after each use and dry off away from direct heat; treat the leather with a suitable shoe-polish. 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	16,5	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, 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	90,2	≥ 0.1
			- dry	MΩ	298	≤ 1000
	Energy absorption system	6.2.4	Shock absorption	J	31	≥ 20
	Upper TECHSHELL , innovative, very tough, abrasion resistant, water repellent and breathable fabric, colour black	5.4.6	Water vapour permeability	mg/cmq h	> 1	≥ 0,8
			Permeability coefficient	mg/cmq	> 15,2	> 15
		6.3.1	Water absorption		24%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
Vamp lining Quarter lining Sole	Textile, breathable, abrasion resistant, colour black	5.4.3	Tear resistance	N	233	≥ 60
			Abrasion resistance	Cycle	> 600.000	
	Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
			Permeability coefficient	mg/cmq	> 51,1	≥ 20
	SANY-DRY® , breathable, antibacterial, abrasion resistant, colour black and gold thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
			Permeability coefficient	mg/cmq	> 82,8	≥ 20
	Antistatic Polyurethane/TPU directly injected in the upper: Outsole: Gold 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	47	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	1,5	≤ 4
		5.8.5	Interlayer bond strength	N/mm	3,5	≥ 3

Adherence coefficient of the sole

6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	10	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		0,36	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		0,34	≥ 0,28
	SRB : steel + glycerol – flat		0,26	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		0,23	≥ 0,13