



Prod. Ref.	26830-000
Safety cat.	S3 M HI CI HRO SRC
Range of sizes	40 - 47 (6,5 - 12)
Weight (sz. 8)	750 g
Shape	B
Widht	11

Description: Black water repellent full grain leather ankle boot, **SANY-DRY**[®] lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: **Internal preformed metatarsal protection - 100 J**, made of expanded, closed cell, strong material, able to absorb and equally distribute the impact energy. Extremely comfortable, light and flexible, thanks to the design with channels, it perfectly fits the foot's shape. No added bulk affecting the look of the footwear. No fatigue for the user! **EVANIT** footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. **ANTI TORSION SUPPORT** made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings and/or unwilling torsion. Outsole resistant to +300°C (1 minute contact). Perfumed sole. Polyurethane toe cap protection

Suggested uses: footwear for mechanical industry

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	metatarsal protection	6.2.6.2	Shock resistant (free high after shock)	mm	41	≥ 40	
	Toe cap: non metallic TOP RETURN toe cap, 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	15	≥ 14	
		6.2.1	Penetration resistance	N	To 1100 N	≥ 1100	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance		No Perforation	
			- wet	MΩ	21,2	≥ 0.1	
			- dry	MΩ	555	≤ 1000	
		Heat insulation	6.2.3.1	Heat insulation (temp. increase after 30' at 150 °C)	°C	14,5	≤ 22
		Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	5,5	≤ 10
	Upper	Energy absorption system	6.2.4	Shock absorption	J	30	≥ 20
6.4.6			Water vapour permeability	mg/cmq h	> 1	≥ 0,8	
		Permeability coefficient	mg/cmq	> 15,3	> 15		
6.3.1		Water absorption		14%	≤ 30%		
		Water penetration		0,0 g	≤ 0,2 g		
Vamp		Felt, breathable, colour dark grey	5.5.3	Water vapour permeability	mg/cmq h	> 4,7	≥ 2
			Permeability coefficient	mg/cmq	> 40,6	≥ 20	
lining		Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
			Permeability coefficient	mg/cmq	> 82,8	≥ 20	
Quarter		SANY-DRY [®] , antibacterial, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
	Permeability coefficient		mg/cmq	> 82,8	≥ 20		
Sole	Polyurethane/Nitrile rubber, antistatic, resistant to high temperatures, directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm ³	90	≤ 150	
		5.8.4	Flexing resistance (cut increase)	mm	1,5	≤ 4	
		5.8.6	Interlayer bond strength	N/m	> 5	≥ 4	
		6.4.4	Hot resistance (300 °C)	---	any melting	any melting	
	Outsole: black nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons resistant and heat resistant.						

Midssole: black polyurethane, low density, comfortable and anti-shock.
Adherence coefficient of the sole

6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	2,5	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		0,42	$\geq 0,32$
	SRA : ceramic + detergent solution – heel (contact angle 7°)		0,33	$\geq 0,28$
	SRB : steel + glycerol – flat		0,22	$\geq 0,18$
	SRB : steel + glycerol – heel (contact angle 7°)		0,16	$\geq 0,13$