



Prod. Ref.	26640-N00
Safety cat.	S3S HI CI HRO LG SC FO SR
Range of sizes	39 - 48 (6 - 13)
Weight (sz. 8)	740 g
Shape	B
Width (6)	10
Width (6,5 - 13)	11

Description: Black water repellent printed leather ankle boot, **TEXELLE** lining, antistatic, anti-shock, slipping resistant, non metallic **APT PLUS** midsole **Zero Perforation**

Plus: **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 fiberglass 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). Laces protection from sparks. Adjustable velcro closure. **Polyurethane toe cap protection. Fireproof seams**

Suggested uses: footwear for welders

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 20345:2022	Description	Unit	Cofra result	Requirement
Complete shoe	Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.6	Shock resistance (clearance after shock)	mm	14,5	≥ 14
		5.3.2.7	Compression resistance (clearance after compression)	mm	15	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance (PS requirement with Ø 3,0 mm nail)	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	143,29	≥ 0.1
			- dry	MΩ	456,96	≤ 1000
	Heat insulation	6.2.3.1	Heat insulation (temp. increase after 30' at 150 °C)	°C	7	≤ 22
	Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	5	≤ 10
	Energy absorption system	6.2.4	Shock absorption	J	36	≥ 20
Upper	Black water repellent printed leather thickness 1,8/2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	> 2	≥ 0,8
			Permeability coefficient	mg/cmq	> 23,5	≥ 15
		6.3	Water absorption		9,5%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
Vamp	Felt, breathable, colour dark grey thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> 5	≥ 2
			Permeability coefficient	mg/cmq	> 41,9	≥ 20
Quarter	TEXELLE , breathable, abrasion resistant, colour black thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> 2,4	≥ 2
			Permeability coefficient	mg/cmq	> 19,9	≥ 20
Sole	Polyurethane /Nitrile rubber, antistatic, resistant to high temperatures, directly injected in the upper:	5.8.4	Abrasion resistance (lost volume)	mm ³	106	≤ 150
		5.8.5	Flexing resistance (cut increase)	mm	2	≤ 4
	Outsole: black nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons resistant and heat resistant.	5.8.7	Interlayer bond strength	N/m	4,5	≥ 3
	Midsole: black polyurethane, made of a special compound which resists to 150°C for 30 minutes without its chemical-physical features being altered	6.4.4	Hot resistance (300 °C)	-----	any melting	any melting

Adherence coefficient of the sole (Slip resistance)

6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	7,7	≤ 12
5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		0,50	$\geq 0,36$
	ceramic + detergent solution – heel (contact angle 7°)		0,47	$\geq 0,31$
6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		0,29	$\geq 0,22$
	SR : ceramic + glycerol – heel (contact angle 7°)		0,25	$\geq 0,19$