



Prod. Ref. NT050-000
Safety cat. S3 SRC
Range of sizes 39 - 47 (6 - 12)
Weight (sz. 8) 674 g
Shape B
Width 11

Description: Black water repellent printed leather ankle boot, **TEXELLE** lining, antistatic, anti-shock, slipping resistant, with stainless steel midsole

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. Abrasion resistant polyurethane toe cap protection. Laces protection, adjustable metal buckle

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 20345:2011	Description	Unit	Cofra result	Requirement
Complete shoe	Toe cap: steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	16	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	15	≥ 14
	Anti perforation midsole: stainless steel, penetration resistance, varnished with epoxy resin	6.2.1	Penetration resistance	N	1635	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	280	≥ 0.1
			- dry	MΩ	820	≤ 1000
Upper	Energy absorption system	6.2.4	Shock absorption	J	35	≥ 20
		5.4.6	Water vapour permeability	mg/cmq h	> 2,4	≥ 0,8
	Black water repellent printed leather thickness 1,6/1,8 mm		Permeability coefficient	mg/cmq	> 27,9	> 15
		6.3.1	Water absorption		8%	≤ 30%
Vamp	Felt, breathable, colour dark grey thickness 1,2 mm	5.5.3	Water penetration		0,0 g	≤ 0,2 g
			Water vapour permeability	mg/cmq h	> 5,3	≥ 2
	lining		Permeability coefficient	mg/cmq	> 43,1	≥ 20
		5.5.3	Water vapour permeability	mg/cmq h	> 5,6	≥ 2
Quarter	TEXELLE , breathable, abrasion resistant, colour brown thickness 1,2 mm		Permeability coefficient	mg/cmq	> 45,6	≥ 20
			Abrasion resistance	cycle	> 400	≥ 400
	Insole	5.8.3	Abrasion resistance (lost volume)	mm ³	84	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	2	≤ 4
Sole	Antistatic, absorbent, abrasion and flaking resistant.	5.8.6	Interlayer bond strength	N/mm	> 5	≥ 4
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	+ 1,8	≤ 12
	Antistatic dual-density Polyurethane directly injected in the upper:	5.3.5	SRA : ceramic + detergent solution – flat		0,60	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,50	≥ 0,28
	Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant,		SRB : steel + glycerol – flat		0,28	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		0,19	≥ 0,13
	Midsole: black, low density, comfortable and anti-shock					
	Adherence coefficient of the sole					