

Prod. Ref.	26640-000
Safety cat.	S3 HRO SRC
Range of sizes	39 - 48 (6 - 13)
Weight (sz. 8)	690 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 Plate** midsole **Zero Perforation**.

Plus: Footbed **AIR** made of EVA and fabric, antistatic, anatomic, holed, antistatic. It guarantees high stability thanks to its different thicknesses in the plantar area. **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). Padded collar. 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; 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

		Clause EN ISO 20345:2011	
Complete shoe	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)
		5.3.2.4	Compression resistance (clearance after compression)
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance
			- wet
			- dry
Upper	Energy absorption system: polyurethane low density and heel profile	6.2.4	Shock absorption
	Black water repellent printed leather	5.4.6	Water vapour permeability
	thickness 1,6/1,8 mm		Permeability coefficient
		6.3.1	Water absorption
Quarter	Texelle , breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability
	thickness 1,2 mm		Permeability coefficient
Sole	PU/Nitrile rubber , antistatic, resistant to high temperatures, directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)
		5.8.4	Flexing resistance (cut increase)
	Outsole: black nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons resistant and heat resistant.	5.8.6	Interlayer bond strength
	Midsole: black PU, low density, comfortable and anti-shock.	6.4.4	Hot resistance (300 °C)
	Adherence coefficient of the sole	6.4.2	Hydrocarbons resistance (ΔV = volume increase)
		5.3.5	SRA : ceramic + detergent solution – flat
			SRA : ceramic + detergent solution – heel (contact angle 7°)
			SRB : steel + glycerol – flat
			SRB : steel + glycerol – heel (contact angle 7°)

Distributed by:



SAFETY TECHNICAL SPECIFICATIONS

	Unit	Cofra result	requirement
Shock resistance (clearance after shock)	mm	16,5	≥ 14
Compression resistance (clearance after compression)	mm	16	≥ 14
Penetration resistance	N	To 1100 N	≥ 1100
		No Perforation	
Electric resistance	MΩ	116	≥ 0.1
- wet	MΩ	450	≤ 1000
- dry	J	33	≥ 20
Shock absorption	mg/cmq h	> 2,4	≥ 0,8
Water vapour permeability	mg/cmq	> 26,3	> 15
Permeability coefficient		14%	≤ 30%
Water absorption		0,0 g	≤ 0,2 g
Water penetration	mg/cmq h	> 6,8	≥ 2
Water vapour permeability	mg/cmq	> 55,4	≥ 20
Permeability coefficient	mm³	95	≤ 150
Abrasion resistance (lost volume)	mm	2	≤ 4
Flexing resistance (cut increase)	N/m	> 5	≥ 4
Interlayer bond strength	----	any melting	any melting
Hot resistance (300 °C)	%	+ 2,7	≤ 12
Hydrocarbons resistance (ΔV = volume increase)		0,36	≥ 0,32
SRA : ceramic + detergent solution – flat		0,32	≥ 0,28
SRA : ceramic + detergent solution – heel (contact angle 7°)		0,18	≥ 0,18
SRB : steel + glycerol – flat		0,13	≥ 0,13
SRB : steel + glycerol – heel (contact angle 7°)			