

Prod. Ref.	00040-004
Safety cat.	S5 HRO CI SRC
Sizes range	38 - 48
Weight (sz. 42)	1270 g
Shape	D
Wide	12

Description: Black/grey PU/Nitrile Rubber boot, water resistant, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole.

Plus: 100% metal free. Innovative extra-light compound. It resists very well to hydrolysis, so that the boot maintains its chemical and physical performance during time. **A perfumed essence is added to the compound to prevent nasty odours.** Abrasion resistant cleats 11 mm. **Cold Insulation -50°C** (the thermal comfort inside the boot stays optimal). Very good resistance to mineral oils and hydrocarbons. Footbed **THERMIC INSOLE CI**, insulating against low temperatures, the thermal comfort inside the footwear is granted thanks to the special PU compound devised to give high insulation. Also available with thermo-insulation inner lining.

Suggested uses: Zootechnics, agriculture, fishing, damp environments, agriculture.

Care and maintenance: Clean it after each use drying off in ventilated areas, away from heat sources; remove all the residuals of contaminating stuff or dust with a good shoe-brush or a duster. Wash the boots with water and soap. Do not use aggressive products (acids, benzine, solvents) which may alter quality, protection functions and life of the footwear.



MATERIALS / ACCESSORIES

SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20344 :2004	Description	Unit	Cofra result	EN ISO 20345:2004 requirement
Complete shoe	Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistant (free high after shock)	mm	14,2	≥ 14
		5.3.2.4	Compression resistance (free high after compression)	mm	16,4	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant	6.2.1	Perforation resistant	N	1400	≥ 1100
		6.2.2.2	Electric resistance	- wet	MΩ	723
	- dry			MΩ	986	≤ 1000
	Energy absorption system	6.2.4	Shock absorption	J	> 57	≥ 20
5.3.3		Leak proof ness	----	any air leak	any air leak	
Leg	Low density PU: colour black, light, flexible	5.4.4	Breaking off extension	Mpa	3,7	from 1,3 to 4,6
			Extension coefficient to 100%	%	255	≥ 250
		5.4.5	Flexing resistance	cycle	≥ 150.000	≥ 150.000
Insole	Middle density PU: anti-shock and thermally insulating, colour grey	5.8.3	Abrasion resistance (lost volume)	mm ³	140	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	2	≤ 4
Outer Sole	Nitrile Rubber: hydrolysis , abrasion and slipping resistant, colour black, abrasion resistant cleats 11 mm (dirt shedding high grip tread)	5.8.6	Interlayer bond strength	N/m	> 5	≥ 4
		6.4.4	Hot resistance (300 °C)	----	any melting	any melting
		5.8.7	Hydrocarbons resistance (ΔV = volume increase)	%	+ 0,1	≤ + 12
	Adherence coefficient of the sole	5.3.5	SRA : ceramic + detergent solution – flat		0,53	≥ 0,56
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,50	≥ 0,56
		SRB : steel + glycerol – flat		0,25	≥ 0,25	
		SRB : steel + glycerol – heel (contact angle 7°)		0,21	≥ 0,22	