

Prod. Ref.	00010-052
Safety cat.	S5 CI SRC
Sizes range	36 - 48
Weight (sz. 42)	920 g
Shape	D
Wide	12

Description: Black PU boot, water resistant, antistatic, anti-shock, slipping resistant, with steel toe cap and midsole.

Plus: **Cold Defender PU** is a special compound which guarantees higher performances than the ordinary PU for mechanical resistance to low temperatures and thermal insulation. Maximum resistance to mineral oils and hydrocarbons. Slope design of the leg for favouring the run-off of liquid. Also available with thermo-insulation inner lining. **Packade in plastic bag.**

Suggested uses: Mechanical industry, refineries, oil-bearing platforms, industry in general.

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 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 resistant (free high after shock)	mm	16	≥ 14	
		5.3.2.4	Compression resistance (free high after compression)	mm	15	≥ 14	
	Anti perforation midsole: stainless steel, penetration resistance, varnished with epoxy resin	6.2.1	Perforation resistant	N	1300	≥ 1100	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance	- wet	MΩ	35	≥ 0.1
				- dry	MΩ	468	≤ 1000
		6.2.3.2	Cold insulation (temp. decrease after 30' at -17 °C)	°C	9,5	≤ 10	
	Cold insulation	6.2.4	Shock absorption	J	> 21	≥ 20	
	Energy absorption system	5.3.3	Leak proof ness	----	Any air leak	any air leak	
	Bootleg	Cold Defender PU resistant to -25°C, anatomic, colour black	5.4.4	Breaking off extension	Mpa	3	from 1,3 to 4,6
			5.4.5	Flexing resistance	Extension coefficient to 100%	%	280
After 150.000 no break					After 150.000 no break		
Outer Sole	Cold Defender PU resistant to -25°C, colour black	5.8.3	Abrasion resistance (lost volume)	Mm ³	238	≤ 150	
		5.8.4	Flexing resistance (cut increase)	mm	2	≤ 4	
		5.8.6	Interlayer bond strength	N/m	> 5	≥ 4	
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	1,5	≤ 12	
		Adherence coefficient of the sole	5.3.5	SRA : ceramic + detergent solution – flat		0,4	≥ 0,32
				SRA : ceramic + detergent solution – heel (contact angle 7°)		0,32	≥ 0,28
				SRB : steel + glycerol – flat		0,2	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		0,14	≥ 0,13			