

Prod. Ref.	00060-004
Safety cat.	S5 CI SRC
Sizes range	38 - 48
Weight (sz. 42)	915 g
Shape	D
Wide	12

Description: Blue/black PU boot, water resistant, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole.

Plus: 100% metal free. Cold Defender PU is a special PU compound which guarantees higher performances than the ordinary PU for mechanical resistance to low temperatures and thermal insulation. Excellent resistance to hydrocarbons. **METATARSAL SUPPORT** perfumed footbed, made of soft PU, full piece, anatomic, removable, antistatic, covered with cloth; it guarantees maximum comfort and shock absorption. Cold and heat insulating. High visibility reflex insert. Also available with thermo-insulation inner lining.

Suggested uses: Mechanical industry, refineries, 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

Complete shoe	Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J and compression resistant until 1500 kg
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
	Cold insulation
	Energy absorption system
Bootleg	Cold Defender PU resistant to -25°C, anatomic, colour blue
Outer Sole	Cold Defender PU resistant to -25°C, colour black

Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

	Clause EN ISO 20344 :2004	Description	Unit	Cofra result	EN ISO 20345:2004 requirement
	5.3.2.3	Shock resistant (free high after shock)	mm	14,6	□ 14
	5.3.2.4	Compression resistance (free high after compression)	mm	14,2	□ 14
	6.2.1	Perforation resistant	N	1400	□ 1100
	6.2.2.2	Electric resistance			
		- wet	M□	62	□ 0.1
		- dry	M□	81	□ 1000
	6.2.3.2	Cold insulation (temp. decrease after 30' at -17 °C)	°C	8	□ 10
	6.2.4	Shock absorption	J	> 57	□ 20
	5.3.3	Leak proof ness	----	any air leak	any air leak
	5.4.4	Breaking off extension	Mpa	1,9	from 1,3 to 4,6
		Extension coefficient to 100%	%	270	□ 250
	5.4.5	Flexing resistance	cycle	□ 150.000	□ 150.000
	5.8.3	Abrasion resistance (lost volume)	mm3	197	□ 150
	5.8.4	Flexing resistance (cut increase)	mm	3	□ 4
		Interlayer bond strength	N/m	> 5	□ 4
	5.8.6	Hydrocarbons resistance (ΔV = volume increase)	%	+ 2,6	□ 12
	5.8.7	SRA : ceramic + detergent solution – flat		0,53	□ 0,53
	5.3.5	SRA : ceramic + detergent solution – heel (contact angle 7°)		0,50	□ 0,50
		SRB : steel + glycerol – flat		0,25	□ 0,24
		SRB : steel + glycerol – heel (contact angle 7°)		0,21	□ 0,22