

Prod. Ref.	00060-003
Safety cat.	S5 CI SRC
Sizes range	38 - 48
Weight (sz. 42)	955 g
Shape	D
Wide	12

**Description:** White/light grey PU boot, water resistant, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

**Plus: 100% metal free.** PU boot made of innovative PU compounds, with an excellent resistance to the substances which can be found on the construction sites, such as concrete, mud, limes of any sort. **Cold Defender PU** is a special compound which guarantees higher performances than the ordinary PU for mechanical resistance to low temperatures and thermal insulation. Excellent resistance to hydrocarbons. **METATARSAL SUPPORT** footbed, made of soft PU, antistatic, anatomic, removable, covered with cloth; it guarantees maximum comfort and shock absorption. Cold and heat insulating. Also available with thermo-insulation inner lining.

**Suggested uses:** Food industry, dairy, chemical industry, slaughterhouses, hospitals, damp environments.

**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: non metallic <b>TOP RETURN</b> toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistant (free high after shock)	mm	15	≤ 14
		5.3.2.4	Compression resistance (free high after compression)	mm	15	≤ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1	Penetration resistance	N	To 1100 N No perforation	≤ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	M $\Omega$	61,8	≤ 0.1
Bootleg	Cold Defender PU resistant to -25°C, anatomic, colour white		- dry	M $\Omega$	81,2	↑ 1000
		6.2.3.2	Cold insulation (temp. decrease after 30' at -17 °C)	°C	7,5	↑ 10
		6.2.4	Shock absorption	J	> 40	≤ 20
		5.3.3	Leak proof ness	----	Any air leak	any air leak
		5.4.4	Breaking off extension	Mpa	1,8	from 1,3 to 4,6
	Energy absorption system		Extension coefficient to 100%	%	275	≤ 250
		5.4.5	Flexing resistance	cycles	After 125.000 no break	After 125.000 no break
		5.8.3	Abrasion resistance (lost volume)	Mm <sup>3</sup>	195	↑ 150
		5.8.4	Flexing resistance (cut increase)	mm	2	↑ 4
		5.8.6	Interlayer bond strength	N/m	> 5	≤ 4
Outer Sole	Cold Defender PU resistant to -25°C, colour light grey	6.4.2	Hydrocarbons resistance ( $\Delta V$ = volume increase)	%	0,3	↑ 12
		5.3.5	SRA : ceramic + detergent solution – flat		0,52	≤ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,49	≤ 0,28
			SRB : steel + glycerol – flat		0,23	≤ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		0,2	≤ 0,13
	Adherence coefficient of the sole					