The Safety Supply Company

PRODUCT SHEET

GALAXY S5 CI SRC

Prod. Ref.	00010-042
Safety cat.	S5 CI SRC
Sizes range	36 - 48 (3 - 13)
Weight (sz. 8)	900 g
Shape	D
Wide	12

Description: White/light grey PU boot, water resistant, antistatic, anti-shock, slipping resistant, with steel toe cap and stainless steel 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. Resistance to hydrolysis, to organics substances and to acid produced by milk; yellow-retardant U.V.R. process; antifungal and antibacterial; Slope design of the leg for favouring the run-off of liquid. 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

Complete shoe	**Toe cap:** steel made, varnished with epoxy resin, impact resistant until 200 J
	and compression resistant until 1500 kg
	Anti perforation midsole: stainless steel, penetration resistance, varnished with epoxy resin
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
	Cold insulation
	Energy absorption system
Leg	**Cold Defender PU** resistant to –25°C, anatomic, colour white
Sole	**Cold Defender PU** resistant to –25°C, colour light grey
	Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	Standard requirement
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
6.2.1	Perforation resistant	N	**1300**	⬅ 1100
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**	⬆ 4
6.2.4	Shock absorption	J	**> 21**	⬅ 20
5.3.3	Leakproofness	----	**any air leak**	any air leak
5.4.4	Breaking off extension	Mpa	**3**	from 1,3 to 4,6
	Extension coefficient to 100%	%	**280**	⬅ 250
5.4.5	Flexing resistance	cycle	**After 150.000 no break**	After 150.000 no break
5.8.3	Abrasion resistance (lost volume)	mm^3	**238**	⬆ 250
5.8.4	Flexing resistance (cut increase)	mm	**2**	⬆ 4
5.8.6	Interlayer bond strength	N/mm	**> 5**	⬅ 4
6.4.2	Hydrocarbons resistance (↑V = volume increase)	%	**1,5**	⬆ 12
5.3.5	SRA : ceramic + detergent solution – flat		**0,40**	⬅ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,32**	⬅ 0,28
	SRB : steel + glycerol – flat		**0,20**	⬅ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		**0,14**	⬅ 0,13