COFRA®
BORN TO WORK

PRODUCT SHEET

GALAXY BAG S4 AN CI FO SR

Prod. Ref.	00080-N15
Safety cat.	S4 AN CI FO SR
Sizes range	36 - 48 (3 - 13)
Weight (sz. 8)	785 g
Shape	D
Widht	12

Description: White/light grey polyurethane/TPU boot, water resistant, antistatic, anti-shock, slipping resistant, with steel toe cap.

Plus: EVANIT footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. **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 organics substances and to acid produced by milk; yellow-retardant U.V.R. process; antifungal and antibacterial. Kick off lug. Also available with thermo-insulation inner lining. **Packade in plastic bag**

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

Care and maintenance: FOR A PROPER MAINTENANCE WASH THE BOOT AFTER USE. 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
	Malleolus protection
	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, antibacterial, colour white
Sole	TPU resistant to –25°C, colour light grey
	Adherence coefficient of the sole (Slip resistance)

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2022	Description	Unit	Cofra result	Standard requirement
5.3.2.6	Shock resistant (free high after shock)	mm	**14,5**	≥ 14
5.3.2.7	Compression resistance (free high after compression)	mm	**15**	≥ 14
6.2.7	Malleolus protection (External side)			
	(medium power)	kN	**8,2**	Medium ≤10
	(maximum single power)	kN	**8,5**	Single ≤15
6.2.2.2	Electric resistance			
	- wet	MΩ	**75,65**	≥ 0.1
	- dry	MΩ	**122**	≤ 1000
6.2.3.2	Cold insulation (temp. decrease after 30' at **-17** °C)	°C	**8,3**	≤ 10
6.2.4	Shock absorption	J	**47**	≥ 20
5.3.3	Leakproofness	----	**any air leak**	any air leak
5.4.4	Breaking off extension	Mpa	**3,3**	from 1,3 to 4,6
	Extension coefficient to 100%	%	**304**	≥ 250
5.4.5	Flexing resistance	cycle	**After 125.000 no break**	After 125.000 no break
5.8.4	Abrasion resistance (lost volume)	mm^3	**108**	≤ 250
5.8.5	Flexing resistance (cut increase)	mm	**1,5**	≤ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**4,4**	≤ 12
5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		**0,41**	≥ 0,36
	ceramic + detergent solution – heel (contact angle 7°)		**0,36**	≥ 0,31
6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		**0,25**	≥ 0,22
	SR : ceramic + glycerol – heel (contact angle 7°)		**0,24**	≥ 0,19