COFRA®
BORN TO WORK

PRODUCT SHEET

LUBY S3 SRC

Prod. Ref.	12840-000
Safety cat.	S3 SRC
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 8)	595 g
Shape	B
Width (6)	10
Width (6,5 - 12)	11

Description: Black water repellent nubuck ankle boot, **DRYTHERM** 100% polyamide fabric lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: **EVANIT** footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, anatomic, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. **ANTI TORSION SUPPORT** made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings and/or unwilled torsion. Perfumed sole. Padded collar en elastan **LYCRA®**. Zip closure

Suggested uses: Construction, maintenance, industries

Care and maintenance: Clean after each use and dry off away from direct heat. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water

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, **Zero Perforation**
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
	Energy absorption system
Upper	Black water repellent nubuck
	thickness 1,6/1,8 mm
Vamp lining	Felt, breathable, colour dark grey
	Thickness 1,2 mm
Quarter lining	**DRYTHERM** 100% polyamide fabric, breathable, abrasion resistant, colour black
	thickness 1,2 mm
Sole	Antistatic Polyurethane/TPU directly injected in the upper:
	Outsole: Black TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.
	Midsole: Grey polyurethane, low density, comfortable and anti-shock.
	Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
5.3.2.3	Shock resistance (clearance after shock)	mm	**15,5**	≥ 14
5.3.2.4	Compression resistance (clearance after compression)	mm	**15,5**	≥ 14
6.2.1	Penetration resistance	N	**To 1100 N**	≥ 1100
			No Perforation	
6.2.2.2	Electric resistance			
	- wet	MΩ	**12,2**	≥ 0.1
	- dry	MΩ	**477**	≤ 1000
6.2.4	Shock absorption	J	**34**	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	**> 4,3**	≥ 0,8
	Permeability coefficient	mg/cmq	**> 42,2**	> 15
6.3.1	Water absorption		**23%**	≤ 30%
	Water penetration		**0,1 g**	≤ 0,2 g
5.5.3	Water vapour permeability	mg/cmq h	**> 4,7**	≥ 2
	Permeability coefficient	mg/cmq	**> 40,6**	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	**> 6,5**	≥ 2
	Permeability coefficient	mg/cmq	**> 53,3**	≥ 20
5.8.3	Abrasion resistance (lost volume)	mm^3	**66**	≤ 150
5.8.4	Flexing resistance (cut increase)	mm	**2**	≤ 4
5.8.6	Interlayer bond strength	N/mm	**3,8**	≥ 3
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**1**	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		**0,40**	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,31**	≥ 0,28
	SRB : steel + glycerol – flat		**0,19**	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		**0,16**	≥ 0,13