

TECHNICAL DATA SHEET

UPDATEMENT of the document : 01/02/2013
ISO reference of the document : DON/LS 03.1076.B



LEMAITRE SECURITE SAS
17 rue Bitschhoffen
CS 90024

F 67350 La Walck FRANCE
Tél. : +33 (0)3 88 72 28 80
Fax : +33 (0)3 88 07 05 37
www.lemaitre-securite.com
info@lemaitre-securite.com



SANTO S3 CI SRC
LOW SHOE IN WATER
REPELLENT PULL UP AND
OILED LEATHER
WITH LIMITED STITCHINGS

PROTECTIONS FOR THIS MODEL



Sizes available : 38 (5) to 48 (13)
Weight of one pair in size 42 (8) : appr. 1350 gr.
Norm EN ISO 20345 : 2011
AET : 0161/19378/12

Upper features

- Upper : water repellent pull up and oiled leather - 2,0 to 2,2 mm thickness
- Tongue : full grain leather
- Quarter lining : tridimensional textile
- Collar : synthetic
- Vamp lining : synthetic
- Counter : synderme
- Closing : metallic fastenings
- Laces : polyamide
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking.

Fitting features

- Natur'form (large)
- Lasting : California
- Lasting insole : anti perforation textile
- Footbed : foam and textile

Sole features

- Name : HELIUM
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Color comfort sole : black
- Undermine sole density : 1
- Color undermine sole : grey
- Slip resistance SRA (flat) : 0,53 ; SRA (heel) : 0,51
- Slip resistance SRB (flat) : 0,24 ; SRB (heel) : 0,20

Protections (sole and cap)

- Toe cap : polycarbonate (200 joules)
- Anti-perforation insert : in stainless steel (1100 N)

Basics and additional requirements of the norm EN ISO 20345 : 2007

	Steel toe cap		Polycarbonate toe cap		Aluminium toe cap (200 joules)
	Steel midsole		Non metallic midsole		
	A	A Electric resistance – Antistatic shoes.			
	Ci	Ci Insulating sole against cold.			
	E	E Heel energy absorption.			
	Fo	FO Hydrocarbons resistance of the undermine sole.			
	Hi	HI Insulating sole against heat.			
	Hro	HRO Heat resistance of the sole.			
	M	M Metatarsal protection.			
	P	P Perforation resistance.			
	Wru	WRU Water repellent upper.			



Regarding the norm EN ISO 20345, the minimum results for slip resistance to get the SRC certificate are :

SRA (flat) = 0,32
SRA (heel) = 0,28
SRB (flat) = 0,16
SRB (heel) = 0,13

Advantages = End users benefits

- **2,2mm thickness leather** for the upper for better resistance and durability
- **Composite toe cap** made of injected polycarbonate, ergonomic, light (half the weight of steel), elastic and thermic insulation (not sensitive to variation and heat transfer between -10°C to 40°C).
- **Tridimensional textile lining**, soft and breathable for better comfort
- **Closed back**
- **SOLE :**
- **Parabolic® profile**
 - **Exceptional slip resistance** : footprint adapts itself to the nature of the ground due to the profile of the sole
 - **Spring effect** : gives a more dynamic walk
 - **Walking assistance** : the concave structure of allows a progressive deformation of the sole in order to optimize grip and facilitate walking
- **Double density PU** : excellent comfort even in extreme flexing conditions
- **Cleated outsole** and auto cleaning sole thanks to the design of the studs.
- **Defined heel**: sure-footed safety! an additional precaution especially on ladders and **double density window** : improves heel energy absorption
- **Cold insulation** of sole complex (CI)
- **Antistatic**