

TECHNICAL DATA SHEET

Update of the document : 06/07/2015
ISO reference of the document : DON/LS 03.4164.A



LEMAITRE

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
contact@lemaitre-securite.com



SOLANO N S3 CI SRC

HIGH SHOE IN WATER-REPELLENT PULL
UP LEATHER WITH ANTI-ABRASION
PROTECTION

PROTECTIONS FOR THIS MODEL



Sizes available from 35 (5) to 48 (13)
Weight of one pair in size 42 (8) : 1450 gr.
EN ISO 20345 : 2011
AET: 0161/19303/12

Upper features

- Upper: water-repellent pull up leather
- Tongue: water-repellent full grain leather
- Collar: synthetic
- Lining: Cambrelle®
- Vamp lining: synthetic
- Back part : synderm
- Closing: plastic eyelets and buckles
- Tongue marking: size, manufacturer, manufacture date (month, year), norm, protection, CE marking.

Protections

- Toecap: polycarbonate (200 joules)
- Anti-perforation insert : High tenacity composite fabric "0" penetration (1100 N)

Fitting features

- Natur'form (large)
- Lasting: California
- Lasting insole: textile
- Insock : foam and textile

Sole features

- Name: HELIUM
- Material: dual density polyurethane
- Comfort sole color: dark grey
- Undermine sole color: black
- Slipping resistance SRA (flat) : 0,49 ; (heel) : 0,45
- Slipping resistance SRB (flat) : 0,24; (heel) : 0,16

Basics and additional requirements of the norm EN ISO 20345 : 2011

Steel toecap Polycarbonate toecap Aluminium toecap (200 joules)

Stainless steel composite (high tenacity fabric)

A Antistatic footwear.

Ci Cold insulation of sole complex.

E Energy absorption of seat region.

FO Resistance of the outsole to fuel oil.

HI Heat insulation of sole complex.

HRO Resistance of the outsole to hot contact.

M Metatarsal protection.

P Penetration resistance

WRU Water penetration and water absorption resistant upper.

WR Water resistant footwear.



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) = 0,18
SRB (heel) = 0,13

Advantages = End users benefits

100% non metallic shoe (polycarbonate toe cap and textile midsole)

- **2,0-2,2mm thickness leather** for better resistance (to abrasion and tearing) and longer durability.
- **Cambrelle® lining**: offers greater comfort and hygiene. 100% polyamide, this material is breathable, transferring humidity from the skin to the outside. It is also highly resistant to abrasion.
- **Anti-abrasion protection on the front of the shoe** for a longer product life.
- **Composite toecap** made of injected polycarbonate, ergonomic, light, elastic and thermic insulation (not sensitive to variation and heat transfer between -10°C to 40°C).
- **Anti-perforation insert high tenacity composite fabric « 0 » penetration** : ultra-light, ultra-flexible (insensitive to worn), thermally insulating (insensitive to temperature transfers) and protects 100% of the surface of the foot.
- **HELIUM SOLE**
 - ✓ **Double density PU** : excellent comfort even in extreme flexing conditions.
 - ✓ **Sole with overcap**.
 - ✓ **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
 - ✓ **Reinforcements at the back and on the front of the shoe** for better durability of the upper (the PU sole goes up on the upper)
 - ✓ **Cold insulation** of sole complex (CI)
 - ✓ **Antistatic**
- **PARABOLIC® sole** :
 - ✓ **Exceptional grip** : the concave structure of the sole allows progressive bending of the sole in order to optimize grip.
 - ✓ **Comfort when walking** : the spring effect gives a more dynamic walk and facilitates walking.
 - ✓ **Anti-fatigue** : with every step, the recycled energy gives you a spring in your step and provides anti-fatigue effect to your legs.