

TECHNICAL DATA SHEET

Update of this document : 15/02/2017
ISO reference : DON/LS 03.4251.A



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



BEN S3 SRC

Sneaker in grained soft water-repellent full grain leather with abrasion resistant "carbon matrix" material and a EVA-Nitrile rubber sole

PROTECTIONS FOR THIS MODEL



Norm EN ISO 20345 : 2011

Available sizes from 38 (5) to 48 (13)
Weight of a pair in size 42 (8) : 998 gr.
AET N° 0075/007/161/10/16/1148
EXT 02/10/16

Upper features

- Upper : grained soft water-repellent full grain leather with abrasion resistant "carbon matrix" material and red side strip in red water-repellent suede leather
- Tongue : black grained soft water-repellent full grain leather
- Collar : red water-repellent suede leather
- Lining : three-dimensional textile
- Vamp lining : synthetic
- Backpart : synderm
- Closing : lace
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking

Protections

- Toecap : HDFC Fiber composite (200 joules)
- Anti-perforation insert : high tenacity composite fabric « zero » penetration (1100 Newtons)

Fitting features

- Lasting insole : high tenacity composite fabric
- Insock : textile and foam

Sole features

- Name : SP-Light
- Material : EVA / Nitrile rubber
- Comfort sole color : white and red
- Hardness of comfort sole : 45 Shore A
- Outsole color : black
- Hardness of outsole : 66 Shore A
- Slip resistance SRA (flat) : 0,50 ; (heel) : 0,51
- Slip resistance SRB (flat) : 0,20 ; (talon) : 0,14



Advantages = End users benefits

Sneaker in the running style, ultra-light (less than one kilogram the pair) and comfortable, perfect for indoors: transport, logistic, handling, distribution, small industry, small business sector, interior work, services and administration.

- **Grained water-repellent full grain leather 1.7 mm thickness** : leather in trendy colors, noble and very strong material which helps to fight against water infiltration.
- **Abrasion resistant "carbon matrix" material** : suede leather with PU coating abrasion resistant for a long life product.
- **Three-dimensional micro-porous textile as lining** : High breathability thanks to its structure that allows better ventilation of sweat. It is flexible and improves comfort.
- **Anti-perforation insert high tenacity composite fabric** : ultra-light, ultra-flexible, thermally insulating (insensitive to temperature transfers) and protects 100% of the surface of the foot.
- **A very comfortable fitting** : large and quilted, excellent drop shot during walking.
- **SP-Light toecap** : non-metallic, non-magnetic, no heat or cold conduction.
- **SP-Light sole** :
 - ✓ **EVA-Nitrile rubber sole, flexible and light, developed by Lemaitre and manufactured in Europe.**
 - ✓ **Outsole in Nitrile rubber** : excellent abrasion resistance, to hydrocarbons and resist to very high temperatures.
 - ✓ **Comfort sole in EVA is flexible and assure a good absorption to impacts.**
 - ✓ **Very good slip resistance thanks to** an open studded structure which allows a quick and better evacuation of liquids. Optimal slip resistance on very smooth and wet grounds.
 - ✓ **Very flexible sole without lateral constraint for comfort and an excellent breathing of the foot.**
 - ✓ **Reinforcements on the top of the shoe for protection and longer life of product.**

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

Toecap

steel polycarbonate aluminium HDFC Fiber composite

A Antistatic footwear. **E** Energy absorption of seat region.

P Penetration resistance. **Hi** Heat insulation of sole complex.

Hro Resistance of the outsole to hot contact. **M** Metatarsal protection.

Wru Water penetration and water absorption resistant upper.

Anti-perforation insert

stainless steel composite (high tenacity fabric)

Fo Resistance of the outsole to fuel oil.

Ci Cold insulation of sole complex.

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 SRB (flat) ≥ 0,18
SRA (heel) ≥ 0,28 SRB (heel) ≥ 0,13

