

TECHNICAL DATA SHEET

Update of this document : 31/01/2018
ISO Reference : DON/LS 03.4234.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
info@lemaitre-securite.com



RAFALE S3 CI SRC
LOW SHOE IN WATER-REPELLENT
OILED SPLIT LEATHER

PROTECTIONS FOR THIS MODEL



Sizes available : from 36 (4) to 48 (13)
Weight of one pair in size 42(8): 1300 gr.
Norm EN ISO 20345 : 2011
AET N° 0075/007/161/07/12/0554
EXT 25/02/14

Upper features

- Upper : water-repellent oiled split leather
- Tongue : water-repellent oiled split leather
- Lining : three-dimensional textile
- Vamp lining : synthetic
- Collar : leather
- Backpart : synderm
- Eyelet : 2 plastic eyelets
- Laces : polyamide
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking.

Protections 100% NON -METALLIC

- Toecap : polycarbonate (200 joules)
- Anti-perforation insert : high tenacity composite fabric « zero » penetration (1100 N)

Fitting features

- Lasting insole : textile
- Insock : foam and textile

Sole features

- Name : ADRENALINE
- Material : dual density polyurethane (PU2D)
- Comfort sole density : 0,5
- Comfort sole color : dark grey
- Outsole density : 1
- Outsole color : black
- Slip resistance SRA (flat) : 0,45; (heel) : 0,43
- Slip resistance SRB (flat) : 0,29; (heel) : 0,23

Advantages = End users benefits

100 % non-metallic safety shoe with elegant design

- **Water-repellent oiled split leather 2.0-2.2 mm thickness** for a better mechanical resistance (abrasion, tear, perforation) and durability.
- **Three-dimensional micro-porous textile as lining** : High breathability thanks to its structure that allows better ventilation of sweat. It is flexible and it improves comfort.
- **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.
- **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).
- **Sole : ADRENALINE**
 - ✓ **Polyurethane with good properties** : good antistatic properties and good resistance to hydrolysis and heat.
 - ✓ **Dual density PU2D** : excellent comfort even in extreme flexing conditions.
 - ✓ **Reinforcements on the front and on the back of the shoe** for better durability of the upper.
 - ✓ **Defined heel**: sure-footed safety, especially on ladders.
 - ✓ **Wide sole** : enhance grip and stability.
 - ✓ **Very resistant to landslides** thanks to the studded open structure for better drainage of liquids.
 - ✓ **Antistatic.**
 - ✓ **Cold insulation** of sole complex (CI).
- **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.

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

Toecap

steel polycarbonate aluminium HDFC Fiber composite

- (A)** Antistatic footwear.
- (P)** Penetration resistance.
- (Hro)** Resistance of the outsole to hot contact.
- (Wru)** Water penetration and water absorption resistant upper.
- (E)** Energy absorption of seat region.
- (Hi)** Heat insulation of sole complex.
- (M)** Metatarsal protection.

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

SRC = **SRA** + **SRB**