

# TECHNICAL DATA SHEET

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**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](http://www.lemaitre-securite.com)

[contact@lemaitre-securite.com](mailto:contact@lemaitre-securite.com)



**APOLON N S3 CI SRC**

High shoe in water-repellent  
grain leather

## PROTECTIONS FOR THIS MODEL



Available sizes from 35 (2) to 48 (13)

Weight of a pair in size 42 (8) : 1350 gr.

Norm EN ISO 20345 : 2011

### Upper features

- Upper : water-repellent grain 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 : polycarbonate (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 : C07
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Comfort sole color : dark grey
- Outsole density : 1
- Outsole color : black
- Slip resistance SRA (flat) : 0,40 ; (heel) : 0,40
- Slip resistance SRB (flat) : 0,19 ; (heel) : 0,17

## Advantages = End users benefits

### Safety shoe 100% non-metallic

- ➔ **2,0 - 2,2mm thickness leather** for better resistance (to abrasion and tearing) and longer durability.
- ➔ **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.
- ➔ **Non-metallic toecap made of injected polycarbonate** : invisible when worn as lightweight and ergonomic, chemically inert, elastic (in a crash, the mouthpiece back into shape, releasing the foot easily), and thermal insulation (not sensitive to variation and heat transfer between -10 ° C to +40 ° C).
- ➔ **C07 sole** :
  - Light and flexible sole
  - Attack heel, for a natural unfolding of the foot during walking and comfort while driving vehicle
  - Dual density polyurethane (PU / PU or PU2D) injected for better resistance and comfort
  - Heel shape for better security, especially when climbing ladders
  - Heel shock absorber
  - Non-slip structure with a studded open for better drainage of fluids.

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

### Toecap

steel polycarbonate aluminium HDFC Fiber composite

- Antistatic footwear.
- Energy absorption of seat region.
- Penetration resistance.
- Heat insulation of sole complex.
- Resistance of the outsole to hot contact.
- Metatarsal protection.
- Water penetration and water absorption resistant upper.

### Anti-perforation insert

stainless steel composite (high tenacity fabric)

- Resistance of the outsole to fuel oil.
- Cold insulation of sole complex.
- 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

