

TECHNICAL DATA SHEET

Update of this document : 15-01-19
ISO reference : DON/LS 03.4316.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



WINNER S1P ESD

Low shoe, sport style with high tenacity textile and abrasion resistant "groove" material

PROTECTIONS FOR THIS MODEL



Norm EN ISO 20345 : 2011

Available sizes from 36 (3) to 48 (13)
Weight of a pair in size 42 (8) : 1160 gr.

Upper features

- Upper : high tenacity textile and abrasion resistant "groove" material
- Lining : three-dimensional textile
- Vamp lining : synthetic
- Backpart : synderm
- Closing : lace
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection.

Protections 100 % NON-METALLIC

- Toecap : polycarbonate (200 joules)
- Anti-perforation insert: high tenacity composite fabric « 0 » penetration (1100 Newtons)

Fitting features

- Lasting insole : high tenacity composite fabric « 0 » penetration
- Insock : foam and polyurethane

Sole features

- Name : PERFORMANCE / PU2D
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Comfort sole color : dark grey
- Outsole density : 1
- Outsole color : light grey
- Slip resistance SRA (flat) : 0,80 ; (heel) : 0,60
- Slip resistance SRB (flat) : 0,24 ; (talon) : 0,14



Advantages = End users benefits

ESD leather safety shoes, a sporty style for comfort and well-being all day.
Ideal for light industry, logistics, handling and transportation.

ESD shoes are useful for sectors where necessary to prevent electrostatic charges: electronics and automotive etc.,

Warning: ESD safety shoes are unsuited for electricians or electrical voltage activities.

- **High tenacity textile** : very abrasion resistant material.
- **Abrasion resistant "groove" material** : suede leather with PU coating abrasion resistant for a long life product.
- **Electro-statically dissipative shoe**: This safety shoe meets the ESD standard (Electro Static Discharge) for protection against electrostatic discharges under 35 Mega OHM. Its electrical resistance is between $10^5\Omega$ and $10^8\Omega$. It allows a connection to the ground through the feet and thus to let out the electrostatic charges.
- **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.
- **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 (comfortable wear), thermally insulating (insensitive to temperature transfers) and protects 100% of the surface of the foot.

→ PERFORMANCE sole

- Dual density PU2D: excellent comfort even in extreme flexing conditions.
- Asymmetric profile for reinforced grip with V-shaped cleats: + 50% results in the tiled floor standard.
- Flat sole for better stability, increases grip surface.
- Liquid drainage gutters to avoid any risk of aquaplaning
- Rounded heel attack, to accompany the natural unwinding of the foot
- Wear indicator on the sole for simplified control

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) $\geq 0,32$ SRB (flat) $\geq 0,18$
SRA (heel) $\geq 0,28$ SRB (heel) $\geq 0,13$

