TECHNICAL DATA SHEET

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WINNER S1P ESD

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

PROTECTIONS FOR THIS MODEL

A E Fo P SRC

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 10^5Ω and 10^8 Ω. It allows a connection to the ground through the feet and thus to lets 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

Anti-perforation insert
stainless steel composite (high tenacity fabric)

A Antistatic footwear.
E Energy absorption of seat region.
Fo Resistance of the outsole to fuel oil.
P Penetration resistance.
Hi Heat insulation of sole complex.
Ci Cold insulation of sole complex.
Hro Resistance of the outsole to hot contact.
M Metatarsal protection.
Wr Water resistant footwear.
Wru Water penetration and water absorption resistant upper.

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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