

TECHNICAL DATA SHEET

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ISO reference : DON/LS 03.4328.A



ROY S1 ESD

Low shoe with aeration, sport style in suede microfiber

PROTECTIONS FOR THIS MODEL



Norm EN ISO 20345 : 2011

Available sizes from 36 (3) to 49 (14)

Weight of a pair in size 42 (8) : 914 gr.

Certificate : OZO299-CPT005/19

Upper features

- Upper : suede microfiber
- Collar and tongue : abrasion resistant material
- Lining : three-dimensional textile
- Vamp lining : synthetic
- Backpart : synderm
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection.

Protections

- Toecap : aluminium (200 joules)

Fitting features

- Lasting insole : texon
- Insock : foam and polyurethane

Sole features

- Name : GTX / PU2D
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Comfort sole color : dark grey
- Outsole density : 1
- Outsole color : black

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.

→ Suede resistant microfiber

→ **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 textile as lining** : High breathability thanks to its structure that allows better ventilation of sweat. It is flexible and improves comfort.

→ **Aluminium toecap** : ergonomic, large and comfortable.

→ **Few stitching**

→ **Lateral openings** for good ventilation inside the shoe. Pleasant feeling of freshness.

→ GTX sole / PU2D injected

- Modern
- Dual density PU2D: excellent comfort even in extreme flexing conditions.
- Reinforcement back and on top
- Comfort
- Heel shock absorption

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) $\geq 0,32$
SRA (heel) $\geq 0,28$

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

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