TECHNICAL DATA SHEET

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RALPH HIGH O3 ESD

Sneaker in high tenacity textile and water-repellent suede leather and a EVA-Nitrile rubber sole

PROTECTIONS FOR THIS MODEL

A E Fo P Wru Ci Hi Hro SRC ESD

Norm EN ISO 20347 : 2012

Available sizes
from 35 (2) to 48 (13)
Weight of a pair in size 42 (8) : 900 gr
AET N°0075/007/161/04/19/1084
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Upper features

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

Protections

- No toecap
- 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 : SP-Light
- Material : EVA / Nitrile rubber
- Comfort sole color : white and grey
- Hardness of comfort sole : 45 Shore A
- Outole color : black
- Hardness of outsole : 66 Shore A
- Slip resistance SRA (flat) : 0,50 ; (heel) : 0,51
- Slip resistance SRB (flat) : 0,20 ; (talon) : 0,14

Advantages = End users benefits

Sneaker in the running style, working shoe, ultra-light (less than one kilogram the pair) and comfortable, perfect for indoors: transport, logistic, handling, distribution, small industry, small business sector, interior work, services and administration : if no need of safety shoe.

- ➔ **High tenacity textile :** very abrasion resistant material.
- ➔ **Abrasion resistant “groove” material :** suede leather with PU coating abrasion resistant for a long life product.
- ➔ **Electrostatically dissipative footwear : Indeed, t**his model meets the requirements of standard ESD (Electro Static Discharge) : its electrical resistance is between 10^5Ω and 10^8Ω . It allows a connection to the earth through the feet and thus let the electrostatic charges go away.
- ➔ **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.
- ➔ **A very comfortable fitting :** large and quilted, excellent drop shot during walking.
- ➔ **SP-Light toecap :** non-metallic, non-magnetic, no heat or cold conduction.
- ➔ **SP-Light sole :**
  - ✓ **EVA-Nitrile rubber sole, flexible and light, developed by Lemaitre and manufactured in Europe.**
  - ✓ **Outsole in Nitrile rubber : excellent abrasion resistance, to hydrocarbons and resist to very high temperatures.**
  - ✓ **Comfort sole in EVA is flexible and assure a good absorption to impacts.**
  - ✓ **Very good slip resistance thanks to** an open studded structure which allows a quick and better evacuation of liquids**.** Optimal slip resistance on very smooth and wet grounds.
  - ✓ **Very flexible sole without lateral constraint for comfort and an excellent breathing of the foot.**
  - ✓ **Reinforcements on the top of the shoe for protection and longer life of product.**

Basics and additional requirements of the norm EN ISO 20347 : 2012

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