

# TECHNICAL DATA SHEET

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## KARL S3 SRC

Sneaker in water-repellent suede leather and abrasion resistant "groove" material and a EVA-Nitrile rubber sole

### PROTECTIONS FOR THIS MODEL



Norm EN ISO 20345 : 2011

Available sizes from 38 (5) to 48 (13)  
Weight of a pair in size 42 (8) : 998 gr.  
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### Upper features

- Upper : grey water-repellent suede leather and black abrasion resistant "groove" material
- Tongue : black water-repellent suede leather
- Collar : grey water-repellent suede leather
- Lining : black three-dimensional textile
- Vamp lining : synthetic
- Backpart : synderm
- Closing : lace
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking

### Protections

- Toecap : HDFC Fiber composite (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 : SP-Light
- Material : EVA / Nitrile rubber
- Comfort sole color : white and red
- Hardness of comfort sole : 45 Shore A
- Outsole 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, 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.

- **Water-repellent suede leather** : very soft, leather in trendy colors, very strong material which helps to fight against water infiltration.
- **Abrasion resistant "groove" material** : suede leather with PU coating abrasion resistant for a long life product.
- **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 20345 : 2011

#### Toecap

steel polycarbonate aluminium HDFC Fiber composite

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

#### 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

