

# TECHNICAL DATA SHEET

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**SMARTFOX HIGH S1P**

**ANKLE SHOE IN LEATHER**

## PROTECTIONS FOR THIS MODEL



Sizes from 35 to 48  
Weight of one pair in size 42: 1170 gr.  
Norm EN ISO 20345 : 2011  
Certificate no. : LECFI00331658

### Upper features

- Upper : leather
- Collar : synthetic
- Tongue : synthetic
- Lining : textile
- Vamp lining : synthetic
- Counter : leather board
- Eyelet : metallics
- Laces : polyamide
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking.

### Protections

- Toecap : steel (200 joules)
- Anti-perforation insert : stainless steel (1100 N)

### Fitting features

- Natur'form (large)
- Lasting : California
- Lasting insole : textile
- Footbed : polyurethane

### Sole features

- Name : NE – 10 / 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) : 0.50 ; (heel) : 0.39
- Slip resistance SRB (flat) : 0.21 ; (heel) : 0.15

## Basics and additional requirements of the norm EN ISO 20345 : 2011

Steel toecap Polycarbonate toecap Aluminium toecap (200 joules)

Stainless steel composite (high tenacity fabric)

**A** A Antistatic footwear.

**CI** CI Cold insulation of sole complex.

**E** E Energy absorption of seat region.

**Fo** FO Resistance of the outsole to fuel oil.

**Hi** HI Heat insulation of sole complex.

**Hro** HRO Resistance of the outsole to hot contact.

**M** M Metatarsal protection.

**P** P Penetration resistance

**Wru** WRU Water penetration and water absorption resistant upper.

**Wr** WR 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  
SRA (heel) ≥ 0,28  
SRB (flat) ≥ 0,18  
SRB (heel) ≥ 0,13

## Advantages = End users benefits

- ➔ **2,0 - 2,2mm thickness leather** for better resistance (to abrasion and tearing) and longer durability.
- ➔ **Three-dimensional micro-porous textile as lining** : High breathability thanks to its structure that allows better ventilation of sweat. It is flexible and it improves comfort.
- ➔ **NE – 10 sole** :
  - **Polyurethane PU2D**. PU injected for better resistance and comfort.
  - **Heel shock absorber**
  - **Non-slip structure** with a studded open for better drainage of fluids
  - **Attack heel**, for a natural unfolding of the foot during walking and comfort while driving vehicle
  - **Open heel** for better security, especially when climbing ladders
  - **with a studded open** for better drainage of fluids