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# TECHNICAL DATA SHEET

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## SPITFIRE S1P

Sandal in suede leather

### PROTECTIONS FOR THIS MODEL



Available sizes from 38 (5) to 48 (13)  
Weight per size 42 (8) : 1230 gr.

Norm EN ISO 20345 : 2011  
AET N°0075/007/161/07/12/0554 –  
EXT 29/09/16

### Upper features

- Upper : suede leather / anti-abrasion "groove"
- Collar : high tenacity textile
- Lining : three-dimensional textile
- Vamp lining : synthetic
- Backpart : synderm
- Closing : velcro
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking

### Protections 100% NON-METALLIC

- Toecap : polycarbonate (200 joules)
- Anti-perforation insert : high tenacity composite fabric « zero » penetration (1100 Newtons)

### Fitting features

- Lasting insole : high tenacity composite fabric
- Insock : textile

### Sole features

- Name : ADRENALINE / PU2D
- Material : Polyurethane / Polyurethane
- Comfort sole density : 0,5
- Comfort sole color : gris foncé
- Outsole density : 1
- Outsole color : black
- Slip resistance SRA (flat) : 0,45 ; (heel) : 0,43
- Slip resistance SRB (flat) : 0,29 ; (talon) : 0,23

## Advantages = End users benefits

### 100 % non-metallic trendy sandal

- **Leather 2,0 mm thickness** for a better mechanical resistance (abrasion, tear, perforation) and durability.
- **High tenacity textile** : textile material very resistant to abrasion.
- **Anti-abrasion «groove» in back and front** : for a longer life of the shoe.
- **Three-dimensional micro-porous textile as lining** : High breathable thanks to its structure that allows better ventilation of sweat. It is flexible and it improves comfort.
- **Anti-perforation insert high tenacity composite fabric** : ultra-light, ultra-flexible (insensitive to worn), thermally insulating (insensitive to temperature transfers) and protects 100% of the surface of the foot.
- **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).
- **Sole : ADRENALINE**
  - ✓ **New design**
  - ✓ **Slip resistant sole thanks to its "winter tyre" structure** for a better evacuation of liquids.
  - ✓ **Dual density PU2D** : excellent comfort even in extreme flexing conditions.
  - ✓ **Reinforcements on the front and on the back of the shoe** for better durability of the upper.
  - ✓ **High profile heel** for an improved safety on ladders.
  - ✓ **Rounded heel** for comfort when driving vehicle
  - ✓ **Wide sole** : enhance grip and stability.
- **PARABOLIC® sole**
  - ✓ **Exceptional grip** : the concave structure of the sole allows progressive bending of the sole in order to optimize grip.
  - ✓ **Comfort when walking** : the spring effect gives a more dynamic walk and facilitates walking.
  - ✓ **Anti-fatigue** : with every step, the recycled energy gives you a spring in your step and provides anti-fatigue effect to your legs.

## 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.
- (Wfr)** 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

