

# TECHNICAL DATA SHEET

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## DIABLO S3 CI SRC

High shoe in oiled leather.  
No side stitching to prevent  
risk of tearing.

### PROTECTIONS FOR THIS MODEL



Sizes available : 35 (2) to 48 (13)  
Weight of one pair in size 42 (8) : 1400 gr.  
Norm EN ISO 20345 : 2011  
AET : 0161/19311/12

### Upper feature

- Upper : Water-repellent oiled split leather reflective piping
- Tongue : leather
- Quarter lining : Three-dimensional micro-porous textile
- Collar : black leather
- Vamp lining : synthetic
- Back part : synderm
- Closing : metallic fastenings
- Laces : polyamide
- Tongue marking: size, manufacturer, manufacture date (month, year), norm, protection, CE marking.

### Protections

- Toe cap : polycarbonate (200 joules)
- Anti-perforation insert : stainless steel (1100 N)

### Fitting features

- Natur'form (large)
- Lasting: California
- Lasting insole: texon
- Insock : foam and textile

### Sole features

- Name : HELIUM
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Color comfort sole : dark grey
- Outsole density : 1
- Outsole color : black
- Slipping resistance SRA (flat) : 0,49 ; (heel) : 0,45
- Slipping resistance SRB (flat) : 0,24; (heel) : 0,16

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

	Steel toe cap		Polycarbonate toe cap		Aluminium toe cap (200 joules)
	Stainless steel composite (high tenacity fabric)				
<b>A</b>	A Antistatic footwear.				
<b>CI</b>	CI Cold insulation of sole complex.				
<b>E</b>	E Energy absorption of seat region.				
<b>Fo</b>	FO Resistance of the outsole to fuel oil.				
<b>Hi</b>	HI Heat insulation of sole complex.				
<b>Hro</b>	HRO Resistance of the outsole to hot contact.				
<b>M</b>	M Metatarsal protection.				
<b>P</b>	P Penetration resistance				
<b>Wru</b>	Wru Water penetration and water absorption resistant upper.				
<b>Wr</b>	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)  $\geq 0,13$

### Advantages = End users benefits

- **2,0 -2,2mm thickness leather** for the upper for better resistance and durability.
- **Three-dimensional micro-porous textile** : high breathability, offers greater comfort and hygiene. This material transfers humidity from the skin to the outside.
- **Composite toe cap** made of injected polycarbonate, ergonomic, light, elastic and thermic insulation (not sensitive to variation and heat transfer between -10°C to 40°C.
- **Dual density polyurethane sole PU2D** : very versatile with good antistatic properties, resistance to hydrolysis and heat and shock absorption.
- **Anti-perforation insert in stainless steel** for a good protection.
- **HELIUM SOLE**
  - ✓ **Double density PU**: excellent comfort even in extreme flexing conditions.
  - ✓ **Sole with overcap**.
  - ✓ **Cleated outsole** and auto cleaning sole thanks to the design of the studs.
  - ✓ **Defined heel** : sure-footed safety, an additional precaution especially on ladders and **double density window** : improves heel energy absorption
  - ✓ **Reinforcements at the back and on the front of the shoe** for better durability of the upper (the PU sole goes up on the upper)
  - ✓ **Cold insulation** of sole complex (CI)
  - ✓ **Antistatic**
- **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.