

## SAULT S3 SRC ESD



PIGMENTED SPLIT LEATHER BOOTS - S3 SRC ESD

Ref. SAULTS3ESD



### Product specifications

Upper: Pigmented split leather, S3 water resistant treatment. Lining: Polyamide. Insole: Removable preformed - Polyamide on EVA. Outsole: Injected - Dual-density PU with bump cap.

#### COLOUR

Black

#### SIZE

39, 40, 41, 42, 43, 44, 45, 46, 47, 48

### Product Use - Risks



Antistatic



Cutting / Perforation



Slip



Shock



Construction / Civil engineering



Second work / craftman



Heavy industry



Light industry



Mining

## Product's highlights & user's benefits

### RISK OF ELECTROSTATIC DISCHARGE (ESD \*)

The static electricity on the operators must be controlled in the following application areas, because it can:

- generate electrostatic sparks that can ignite explosive atmospheres: plastic industry, mining, oil and gas industry, chemical industry ...
- damage sensitive equipment against electric shock: various electronic industries ...
- generate particles that may be deposited on the painting: car industry, house appliances ...

\* Electrostatic Discharge

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### What does the regulation say ?

Areas with potentially explosive atmospheres called ATEX and the protection of workers against the risks of explosion are regulated by 1999/92/EC Directive. The use of (picto ESD), qualified footwear dissipating electrostatic charges, is recommended in these areas as part of a comprehensive system of prevention of explosion risk.

Requirements for the design, implementation of systems controlling electrostatic discharge (ESD) that can damage electronic components are defined by the EN61340-5-1 standard. The device said ESD must offer resistance between  $10^5 \Omega$  and  $3.5 \cdot 10^7 \Omega$ . To be used in an ESD system, a shoe must at least be qualified according to EN61340-4-3 standard and offer resistance less than  $10^8 \Omega$  and greater than  $10^5 \Omega$ , it is then dissipative. SAULT ESD and VIAGI ESD perform particularly well because they have not only reached a maximum resistance between  $10^5 \Omega$  and  $3.5 \cdot 10^7 \Omega$ , but these tests were conducted under severe restraints: the climatic environment class number 1 (high drought: 15% humidity rate).

Due to their low resistance level, SAULT ESD and VIAGI ESD are a particularly efficient part of global grounding system (gloves, clothing, carpet, seat, etc ...).

Thus, their performances help this system to achieve the level of resistance required for (picto ESD) compliance.

## Certifications and Standards



PPE DIRECTIVE 89/686/EEC

EN ISO 20344:2011 Personal protective equipment - Test methods for footwear

EN ISO 20345:2011 Personal protective equipment - Safety footwear.



S3: Additional special requirements

SRC: Slip resistance

EN61340-4-3 Electrostatic - Part 4-3: Standard test methods for specific applications - Footwear

1: Electrostatic charge dissipation performance - Class 1

## References

References	Bar code	COLOUR	SIZE		
SAULTE3NO39	3295249173579	Black	39	5	-
SAULTE3NO40	3295249173586	Black	40	5	-
SAULTE3NO41	3295249173593	Black	41	5	-
SAULTE3NO42	3295249173609	Black	42	5	-
SAULTE3NO43	3295249173616	Black	43	5	-
SAULTE3NO44	3295249173623	Black	44	5	-
SAULTE3NO45	3295249173630	Black	45	5	-
SAULTE3NO46	3295249173647	Black	46	5	-
SAULTE3NO47	3295249173654	Black	47	5	-
SAULTE3NO48	3295249173661	Black	48	5	-