

## AK-VIAGI S1P SRC ESD

SUEDE SPLIT LEATHER AND MESH SHOES -



### Product specifications

Upper: Suede split leather and polyester mesh. Lining: Polyester. Insole: Removable preformed - Polyester on EVA. Outsole: Injected - Dual-density PU. Non metallic footwear.

see description

#### COLOUR

Black-Red

#### SIZE

36, 37, 38, 39, 40, 41, 42, 43

### Product Use - Risks



ANTISTATIC



CUTTING/PERFORATION



SLIP



SHOCK



SECOND WORK/CRAFTMAN  
LOGISTICS



HEAVY INDUSTRY



LIGHT INDUSTRY



SERVICES/  
LOGISTICS

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## 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

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.



DIRECTIVE EPI 89/686/CEE

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

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

S1P: Additional special requirements  
SRC: Resistance to slipping

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

1: Electrostatic charge dissipation performance