

## LAVA S3

#### Low-cut waterproof ESD safety shoe

Upper Pull-up Leather PU/PU Outsole Toecap Composite Anti-puncture Textile Midsole Lining Membrane Footbed SJ Latex M2223 Safety category EN ISO 20345 - S3 / ESD, SRC, WR Sample weight 0.707 gr.

Size range EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 / CM 23.5-31.0































#### WATERPROOF (WR)

Waterproof footwear prevents liquids to enter into the shoe.



S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



#### **SRC SLIP** RESISTANCE

Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



#### **ELECTROSTATIC DISCHARGE (ESD)**

ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 35 MegaOhm.



#### **COOLMAX® LINING**

Coolmax® technology was originally developed for athletes. The material transports moisture and sweat, so that the body stays dry. We found it extremely suitable for people who work hard for hours every day too.



#### **COMPOSITE TOECAP**

Metalfree and lightweight, no thermal or electrical conductivity





# LAVA S3

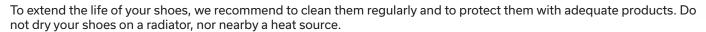
#### **Industries:**

Automotive, Chemical, Cleaning, Construction, Industry, Logistics, Mining, Oil & Gas

#### **Environments:**

Dry environment, Wet environment

### **Maintenance instructions:**



	Description	Measure unit	Result	EN ISO 20345
Upper	Pull-up Leather			
	Upper: permeability to water vapor	mg/cm²/h	7.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	64	≥ 15
Lining	Membrane			
	Lining: permeability to water vapor	mg/cm²/h	2.4	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	23	≥ 20
Footbed	SJ Latex M2223			
	Footbed: abrasion resistance	cycles	400	≥ 400
Outsole	PU/PU			
	Outsole abrasion resistance (volume loss)	mm³	49	≤ 150
	Outsole slip resistance SRA: heel	friction	0.31	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.32	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.15	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.20	≥ 0.18
	Antistatic value	MegaOhm	NA	0.1 - 1000
	ESD value	MegaOhm	77	0.1 - 100
	Heel energy absorption	J	37	≥ 20
Тоесар	Composite			
	Impact resistance toecap (clearance after impact 100J)	mm	NA	≥ 14
	Compression resistance toecap (clearance after compression 10kN)	mm	NA	≥ 14
	Impact resistance toecap (clearance after impact 200J)	mm	15.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19.0	≥ 14

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.

Sample size: 41



