

# **ABSOLUTE S1 P**

## Extreme light mid-cut ESD safety shoe

Safety Jogger's ABSOLUTE lightweight safety shoe combines top-notch safety features including ESD system, metal-free build, nano carbon toecap, and puncture-resistant midsole, wrapped in a 3D mesh fabric for superior comfort. It's the ideal mid-cut shoe for a hybrid workplace with unique features such as a removable hybrid footbed and shock absorption.

Upper	Mesh
Lining	3D-Mesh
Footbed	SJ foam footbed
Midsole	Nonwoven
Outsole	Phylon/Rubber (NBR)
Тоесар	Nano Carbon
Category	S1 P / ESD, SRC, CI
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.495 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011





























## 3D mesh

Three-dimensional produced distance mesh to provide increased moisture and temperature management.



## Nano carbon toecap

Ultralight high-tech material, metalfree with no thermal or electrical conductivity.



## **Puncture resistant lightweight**

Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



#### **Metal free**

Metal free safety shoes are in general lighter than regular safety shoes. They are also very beneficial for professionals who have to pass through metal detectors several times a day.



## 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 100 MegaOhm.



### **Industries:**

Industry

# **Environments:**

Dry environment, Extreme slippery surfaces

# **Maintenance instructions:**

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

	Description	Measure unit	Result	EN ISO 20345
Upper	Mesh			
	Upper: permeability to water vapor	mg/cm²/h	37	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	250	≥ 15
Lining	3D-Mesh			
	Lining: permeability to water vapor	mg/cm²/h	80	≥ 2
	Lining: water vapor coefficient	mg/cm²	550	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	Phylon/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm³	85	≤ 150
	Outsole slip resistance SRA: heel	friction	0.43	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.41	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.17	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.19	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	45	0.1 - 100
	Heel energy absorption	J	20	≥ 20
Тоесар	Nano Carbon			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	16	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	16.5	≥ 14

Sample size:

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.



