



Light

## ORION S1 P

Breathable, mid-cut suede safety shoe

Safety Jogger's ORION mid-cut safety shoes offer breathability, slip resistance, and protection. Features include steel toecap, antistatic design, steel midsole, and heel energy absorption.

Upper	Suede Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	PU/PU
Toecap	Steel
Category	S1 P / SRC
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	0.647 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



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### Steel toecap

Robust metal support to protect the feet of the wearer against falling or rolling objects.



### Steel midsole

Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.



### 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.



### Antistatic

Antistatic footwear prevents build-up of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm



### S1P

You work in dry environments, no risk of water/liquid sprays, and you need protection for your toes, protection against perforation, and a good breathability? Then you need S1P safety footwear.



### Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.

**Industries:**

Automotive, Construction, Logistics, Industry

**Environments:**

Dry environment

**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
<b>Upper</b>	<b>Suede Leather</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	6.9	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	61.1	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	86.9	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	695.4	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Outsole</b>	<b>PU/PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	89.6	≤ 150
	Outsole slip resistance SRA: heel	friction	0.30	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.34	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.16	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.20	≥ 0.18
	Antistatic value	MegaOhm	110.8	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	30	≥ 20
<b>Toecap</b>	<b>Steel</b>			
	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	19.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23.0	≥ 14

Sample size: 42

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