



Light

## A210 S1 P

Perforated, low-cut safety shoe for optimal ventilation

Upper	Suede Leather
Lining	Mesh
Footbed	SJ foam footbed
Midssole	Steel
Outsole	PU/PU
Toecap	Steel
Category	S1 P / SRC
Size range	EU 36-48 / UK 3.5-13.0 / US 4.0-13.5 JPN 22.5-31.5 / KOR 235-315
Sample weight	0.550 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



BLK



**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.



**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.



**SJ Flex**  
Metalfree puncture resistant material, which is lighter and more flexible than steel. The material is not thermal conductive. Covers 100% of the surface of the last bottom.



**Breathable leather upper**  
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



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

**Industries:**

Automotive, Construction, Food &amp; beverages, 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	0.88	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	16.5	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	2.2	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	22	≥ 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>	225	≤ 150
	Outsole slip resistance SRA: heel	friction	0.35	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.35	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.19	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.19	≥ 0.18
	Antistatic value	MegaOhm	565	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	22	≥ 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	16.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	16.5	≥ 14

Sample size: 41

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