

Light

## ABSOLUTE S1 P

### Lightweight Safety Shoe

Lightweight safety shoe with ESD features, metal-free build, nano carbon toe cap, puncture-resistant midsole, and 3D mesh comfort for hybrid workplaces.

Upper	Mesh
Lining	Recycled Mesh
Footbed	SJ foam footbed
Midsole	Nonwoven
Outsole	Phylon/Rubber (NBR)
Toecap	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



BLK



NAV



#### 3D mesh

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



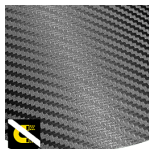
#### Nano carbon toecap

Ultralight high-tech material, metal-free 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/cm <sup>2</sup> /h	37	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	250	≥ 15
Lining	Recycled Mesh			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	80	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	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)	mm <sup>3</sup>	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
Toecap	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:

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HEAD-TO-TOE  
PROTECTION



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top 1% by EcoVadis  
for sustainability.



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