



Light

## DESERT S1P

**Stylish safety boot with a canvas upper**

Canvas upper, black, blue or sand, mesh lining, antistatic, puncture resistant steel sole, shock proof, antislip, steel toe cap, S1P PU sole

Upper	Cotton
Lining	Cotton
Footbed	SJ foam footbed
Midsole	Steel
Outsole	PU/PU
Toecap	Steel
Safety standard	S1P / SRC
Size range	EU 36-47 / UK 3.5-12.0 US 4.0-13.0 / CM 23.5-31.0
Sample weight	0.691 kg
Norms	EN ISO 20345:2011 ASTM F2413:2018



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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.



### 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



### 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.

**Industries:**

Automotive, Construction, Logistics, Industry

**Environments:**

Dry environment, Uneven 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
<b>Upper</b>	<b>Cotton</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	3.3	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	31.6	≥ 15
<b>Lining</b>	<b>Cotton</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	17.2	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	140.7	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance	cycles	400	≥ 400
<b>Outsole</b>	<b>PU/PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	46	≤ 150
	Outsole slip resistance SRA: heel	friction	0.32	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.32	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.16	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	123.7	0.1 - 1000
	ESD value	MegaOhm	NA	0.1 - 100
	Heel energy absorption	J	34	≥ 20
<b>Toecap</b>	<b>Steel</b>			
	Impact resistance toecap (clearance after impact 100J)	mm	NA	NA
	Compression resistance toecap (clearance after compression 10kN)	mm	NA	NA
	Impact resistance toecap (clearance after impact 200J)	mm	16	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19	≥ 14

Sample size: 42

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