



## DESERT EH SB

DESERTEH

**EH-rated, ultimate, stylish safety shoe with a canvas upper**

The DESERT-EH safety shoes offer lightweight, metal-free protection with antistatic and EH-rated features. Breathable canvas upper and heel energy absorption for ultimate comfort and safety.

Upper	Cotton
Lining	Cotton
Footbed	SJ foam footbed
Toecap	Nano Carbon
Category	SB / P (Composite), SRC, E, FO, EH
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	0.660 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011

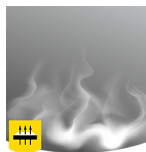


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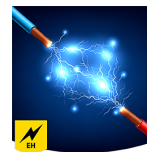
### Antistatic

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



### Breathable upper

Increased moisture and temperature management for extended wearer comfort.



### Electrical hazard (EH)

Electrical hazard (EH) rated safety shoes have nonconductive outsoles. As a secondary source of protection they reduce the potential for electric shocks under dry conditions.



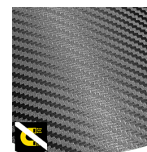
### Heel energy absorption

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



### Composite toecap

Metalfree and lightweight, no thermal or electrical 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.

**Industries:**

Automotive, Cleaning, Construction, Logistics, Mining, Oil &amp; Gas, 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	3.8	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	35.3	≥ 15
<b>Lining</b>	<b>Cotton</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	17.9	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	145.7	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Toecap</b>	<b>Nano Carbon</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	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19.5	≥ 14

Sample size: 42

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