



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

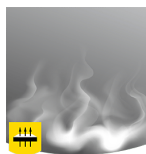


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Antistatic

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.



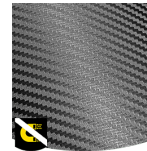
Heel energy absorption

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 & 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
Upper	Cotton			
	Upper: permeability to water vapor	mg/cm ² /h	3.8	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	35.3	≥ 15
Lining	Cotton			
	Lining: permeability to water vapor	mg/cm ² /h	17.9	≥ 2
	Lining: water vapor coefficient	mg/cm ²	145.7	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
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	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19.5	≥ 14

Sample size: 42

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