



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 EH-rated features. Breathable canvas upper and heel energy absorption for ultimate comfort and safety.

| | |
|---------------|---|
| Upper | Cotton |
| Lining | Cotton |
| Footbed | SJ foam footbed |
| Midsole | Anti-puncture Textile |
| Outsole | PU/PU |
| Toecap | Nano Carbon |
| Category | SB / P, 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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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.



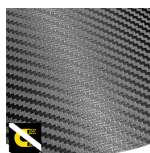
Heel energy absorption

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



Composite toecap

Metal free 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/cm²/h | 3.8 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm² | 35.3 | ≥ 15 |
| Lining | Cotton | | | |
| | Lining: permeability to water vapor | mg/cm²/h | 17.9 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm² | 145.7 | ≥ 20 |
| Footbed | SJ foam footbed | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | cycles | 25600/12800 | 25600/12800 |
| Outsole | PU/PU | | | |
| | Outsole abrasion resistance (volume loss) | mm³ | 43 | ≤ 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 | 0.14 | ≥ 0.13 |
| | Outsole slip resistance SRB: flat | friction | 0.21 | ≥ 0.18 |
| | Antistatic value | MegaOhm | N/A | 0.1 - 1000 |
| | ESD value | MegaOhm | N/A | 0.1 - 100 |
| | Heel energy absorption | J | 34 | ≥ 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 | 16.0 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 19.5 | ≥ 14 |

Sample size:

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