

BASALT S3

Robust, full-leather and waterproof safety boot for tough working conditions

| Upper | Waterproof Pull-up Leather |
|-----------------|--|
| Lining | Membrane, 3D-Mesh |
| Footbed | SJ foam footbed |
| Midsole | Anti-puncture Textile |
| Outsole | PU/Rubber |
| Тоесар | Composite |
| Safety standard | S3 / ESD, SRC, WR |
| Size range | EU 36-47 / UK 3.5-12.0 US 4.0-13.0 / CM 23.5-31.0 |
| Sample weight | 0.785 kg |
| Norms | EN ISO 20345:2011 ASTM F2413:2018 |

























Waterproof (WR)

Waterproof footwear prevents liquids to enter into the shoe.



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.



S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.

BI K



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.



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.



Rubber outsole

Rubber outsoles provide versatile functions that make them suitable for many areas of application: excellent cut resistance, heat and cold resistance, high flexibility at cold temperatures, resistance against oil, fuel and many chemicals.







Industries:

Automotive, Chemical, Cleaning, Construction, Logistics, Mining, Oil & Gas, Industry

Environments:

Dry environment, Wet environment, Muddy environment, Uneven surfaces, 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 | Waterproof Pull-up Leather | | | | | |
| | Upper: permeability to water vapor | mg/cm²/h | 1.1 | ≥ 0.8 | | |
| | Upper: water vapor coefficient | mg/cm² | 23 | ≥ 15 | | |
| Lining | Membrane, 3D-Mesh | | | | | |
| | Lining: permeability to water vapor | mg/cm²/h | 2.4 | ≥ 2 | | |
| | Lining: water vapor coefficient | mg/cm² | 23 | ≥ 20 | | |
| Footbed | SJ foam footbed | | | | | |
| | Footbed: abrasion resistance | cycles | 25600/12800 | ≥ 400 | | |
| Outsole | PU/Rubber | | | | | |
| | Outsole abrasion resistance (volume loss) | mm³ | 25 | ≤ 150 | | |
| | Outsole slip resistance SRA: heel | friction | 0.4 | ≥ 0.28 | | |
| | Outsole slip resistance SRA: flat | friction | 0.38 | ≥ 0.32 | | |
| | Outsole slip resistance SRB: heel | friction | 0.16 | ≥ 0.13 | | |
| | Outsole slip resistance SRB: flat | friction | 0.20 | ≥ 0.18 | | |
| | Antistatic value | MegaOhm | NA | 0.1 - 1000 | | |
| | ESD value | MegaOhm | 77 | 0.1 - 100 | | |
| | Heel energy absorption | J | 37 | ≥ 20 | | |
| Тоесар | Composite | | | | | |
| | 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 | 16.0 | ≥ 14 | | |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 19.0 | ≥ 14 | | |

Sample size: 42

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