



Heavy

ALTAR S3 HIGH S3S

ALTARS3HI

Multi purpose comfortable high-cut zip boot

Safety Jogger's ALTAR S3 HIGH are high-cut, multi-purpose safety boots with a zipper, offering superior protection and comfort. Features include SR slip resistance, heat resistance, and metal-free composite toecap.

| | |
|---------------|---|
| Upper | Abrasion Resistant Leather, Pull-up Leather |
| Lining | Mesh |
| Footbed | SJ foam footbed |
| Midsole | Anti-puncture Textile |
| Outsole | Rubber |
| Toecap | Composite |
| Category | S3S / SR, SC, LG, ESD, FO, HRO |
| Size range | EU 36-48 / UK 3.5-13.0 / US 4.0-13.5 JPN 22.5-31.5 / KOR 235-315 |
| Sample weight | 0.853 kg |
| Norms | ASTM F2413:2018 EN ISO 20345:2022 |



CAM



BLK



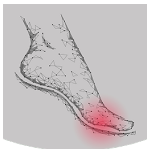
3D mesh
Three-dimensional produced distance mesh to provide increased moisture and temperature management.



Breathable leather upper
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



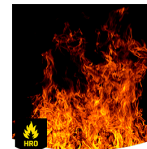
Composite toecap
Metalfree and lightweight, no thermal or electrical conductivity



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



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



Heat resistant outsole (HRO)
The outsole resists high temperatures up to 300°C.

Industries:

Construction, Logistics, Mining, Industry

Environments:

Dry environment, Extreme slippery surfaces, Muddy environment, Uneven surfaces, Warm surfaces, Wet environment

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 | Abrasion Resistant Leather, Pull-up Leather | | | |
| | Upper: permeability to water vapor | mg/cm ² /h | 7.8 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm ² | 68 | ≥ 15 |
| Lining | Mesh | | | |
| | Lining: permeability to water vapor | mg/cm ² /h | 54.48 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm ² | 436 | ≥ 20 |
| Footbed | SJ foam footbed | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | cycles | 25600/12800 | 25600/12800 |
| Outsole | Rubber | | | |
| | Outsole abrasion resistance (volume loss) | mm ³ | 91 | ≤ 150 |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | friction | 0.41 | ≥ 0.31 |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | friction | 0.37 | ≥ 0.36 |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | friction | 0.28 | ≥ 0.19 |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction | 0.25 | ≥ 0.22 |
| | Antistatic value | MegaOhm | 65 | 0.1 - 1000 |
| | ESD value | MegaOhm | 65 | 0.1 - 100 |
| | Heel energy absorption | J | 33 | ≥ 20 |
| Toecap | Composite | | | |
| | 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 | 17.0 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 21.5 | ≥ 14 |

Sample size: 42

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