SAFETY JOGGER
INDUSTRIAL



Heavy

# ALASKA S3

ALASKAS3

**Water-Resistant Winter Work Boots**

Warm leather S3 safety boot with steel toe cap, water resistance, cold insulation, slip resistance, and all-day comfort.

| | |
|---|---|
| Upper | Crazy Horse Leather |
| Lining | Teddy |
| Footbed | SJ Recycled Foam Winter Footbed (85% recycled) |
| Midsole | Steel |
| Outsole | PU/PU |
| Toecap | Steel |
| Category | S3 / SR, SC, LG, FO, CI |
| Size range | EU 35-48 / UK 3.0-13.0 / US 3.0-13.5<br>JPN 21.5-31.5 / KOR 230-315 |
| Sample weight | 0.790 kg |
| Norms | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024 |







BRN



BLK

$CO_2$ 15.71 kg




**Slip resistance (SR)**
Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with oil.



**Warm lining**
Keeps your feet warm and dry in cold environments.



**Cold insulated (CI)**
Cold insulated (CI) safety shoes keep your feet warm. They are worn in cold environments.



**Scuff Cap (SC)**
Separately tested material to cover the toe cap area to reduce abrasion of the upper material (e.g. during kneeling operations) and extend usability of the safety shoe.



**Ladder Grip (LG)**
Especially defined contour in the shank area of a safety shoe to provide additional safety while standing on ladders.



**Oil & fuel resistant**
The outsole is resistant against oil and fuel.

## Industries:
Automotive, Chemical, Construction, Mining, Oil & Gas, Industry

## Environments:
Cold environment, Wet environment, Snowy and icy, Uneven surfaces, Muddy 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.

## Test results:

| | Description | EN ISO 20345 | Result | Measure unit |
|---|---|---|---|---|
| **Upper** | **Crazy Horse Leather** | | | |
| | Upper: permeability to water vapor | ≥ 0.8 | 5.16 | mg/$cm^2$ /h |
| | Upper: water vapor coefficient | ≥ 15 | 46 | mg/$cm^2$ |
| **Lining** | **Teddy** | | | |
| | Lining: permeability to water vapor | ≥ 2 | 45.5 | mg/$cm^2$ /h |
| | Lining: water vapor coefficient | ≥ 20 | 364 | mg/$cm^2$ |
| **Footbed** | **SJ Recycled Foam Winter Footbed (85% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | 25600/12800 | 25600/12800 | cycles |
| **Outsole** | **PU/PU** | | | |
| | Outsole abrasion resistance (volume loss) | ≤ 150 | 137 | $mm^3$ |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | ≥ 0.31 | 0.46 | friction |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | ≥ 0.36 | 0.53 | friction |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | ≥ 0.19 | 0.29 | friction |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | ≥ 0.22 | 0.30 | friction |
| | Antistatic value | 0.1 - 1000 | 45.2 | MegaOhm |
| | ESD value | 0.1 - 100 | N/A | MegaOhm |
| | Heel energy absorption | ≥ 20 | 29 | J |
| **Toecap** | **Steel** | | | |
| | Impact resistance toecap (clearance after impact 100J) | N/A | N/A | mm |
| | Compression resistance toecap (clearance after compression 10kN) | N/A | N/A | mm |
| | Impact resistance toecap (clearance after impact 200J) | ≥ 14 | 18.5 | mm |
| | Compression resistance toecap (clearance after compression 15kN) | ≥ 14 | 21.5 | mm |

Sample size: 42

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.

## Carbon footprint:

| | Description | Result | Measure unit |
|---|---|---|---|
| **CO2 emission** | | | |
| | Material | 13.44 | kg |
| | Packing | 0.12 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **15.71 kg CO2/pair** | |

| | Description | Result |
|---|---|---|
| **Recycled content** | | |
| | Product | 4% |
| | Packing | 99% |

CO2 calculation:
Values are rounded to two decimals.
These analyses are performed using our in-house environmental calculators, developed within the Cortina Group. The CO2 values are valid at the time of calculation and may be subject to change.