SAFETY JOGGER
INDUSTRIAL



Medium

# JACKMAN S3

**Steel Toe Chelsea Boots**

With JACKMAN safety boots, you get secure footing on any surface, protection from oil and fuel, and breathable leather support that eases posture strain.

| | |
|---|---|
| Upper | Crazy Horse Leather |
| Lining | Recycled Mesh (100% recycled) |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Steel |
| Outsole | Rubber (NBR) |
| Toecap | Steel |
| Category | S3 / SR, LG, FO, HI, HRO, 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 | 0.720 kg |
| Norms | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024 |




3FIT SYSTEM

NESKRID



DBN



BLK

$CO_2$ 10.72 kg



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



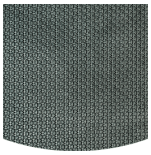
**Heel energy absorption**
Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



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



**Removable insole**
Renew your insole at a regular base or use your own orthopedic insoles for a higher comfort.



**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.




**S3**
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.

SAFETY JOGGER WORKS

HEAD-TO-TOE PROTECTION

ENGINEERED IN EUROPE

www.safetyjogger.com

## Industries:
Chemical, Construction, Industry, Logistics, Oil & Gas

## Environments:
Dry environment, Extreme slippery surfaces, Uneven 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.

## Test results:

| | Description | EN ISO 20345 | Result | Measure unit |
|---|---|---|---|---|
| **Upper** | **Crazy Horse Leather** | | | |
| | Upper: permeability to water vapor | ≥ 0.8 | 9.1 | mg/$cm^2$ /h |
| | Upper: water vapor coefficient | ≥ 15 | 74.0 | mg/$cm^2$ |
| **Lining** | **Recycled Mesh (100% recycled)** | | | |
| | Lining: permeability to water vapor | ≥ 2 | 63.7 | mg/$cm^2$ /h |
| | Lining: water vapor coefficient | ≥ 20 | 510 | mg/$cm^2$ |
| **Footbed** | **SJ Recycled Foam Footbed (96% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | 25600/12800 | 25600/12800 | cycles |
| **Outsole** | **Rubber (NBR)** | | | |
| | Outsole abrasion resistance (volume loss) | ≤ 150 | 92 | $mm^3$ |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | ≥ 0.31 | 0.43 | friction |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | ≥ 0.36 | 0.42 | friction |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | ≥ 0.19 | 0.28 | friction |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | ≥ 0.22 | 0.33 | friction |
| | Antistatic value | 0.1 - 1000 | 20.5 | MegaOhm |
| | ESD value | 0.1 - 100 | N/A | MegaOhm |
| | Heel energy absorption | ≥ 20 | 32.0 | 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 | 20.5 | mm |
| | Compression resistance toecap (clearance after compression 15kN) | ≥ 14 | 23.5 | 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 | 8.43 | kg |
| | Packing | 0.13 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **10.72 kg CO2/pair** | |

| | Description | Result |
|---|---|---|
| **Recycled content** | | |
| | Product | 6% |
| | 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.