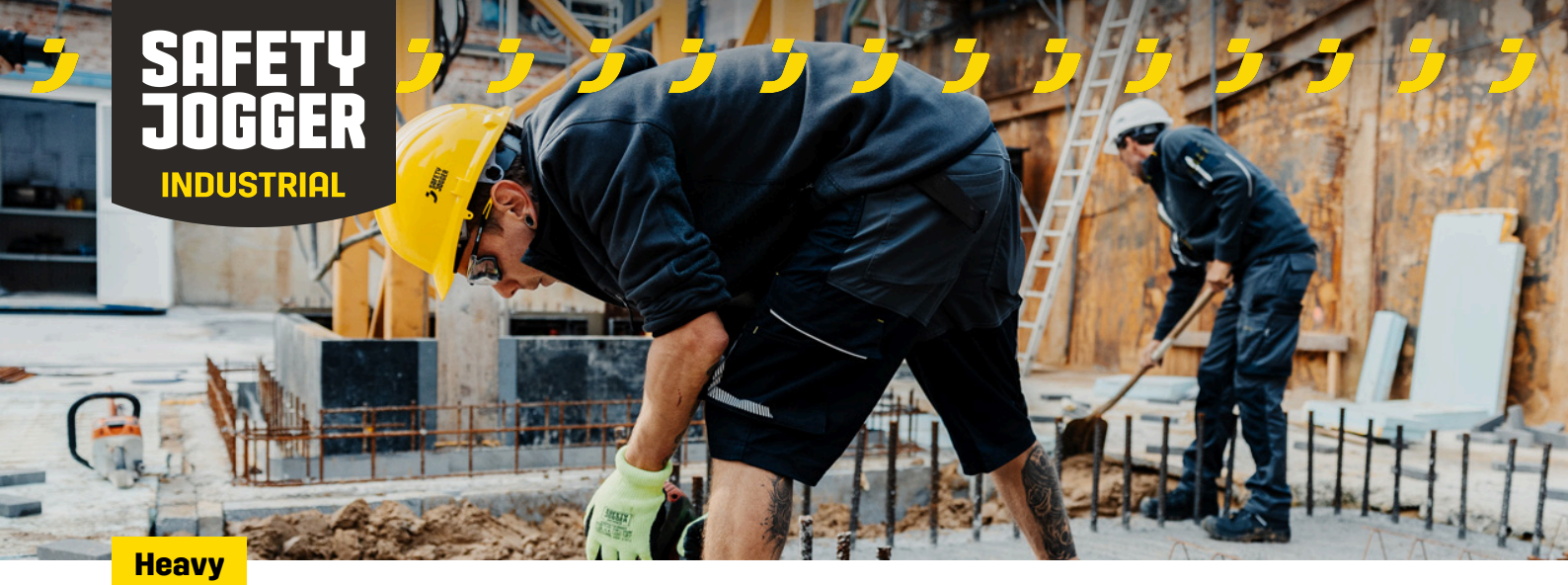
SAFETY JOGGER
INDUSTRIAL



Heavy

# MAYON S3S

MAYONS3S

**Leather Safety Boots With Rubber Outsole**

The MAYON S3S high safety boot has a nanocarbon toe cap, heat-resistant outsole, and offers superior grip. Ideal for extreme work environments.

| | |
|---|---|
| Upper | Crazy Horse Leather |
| Lining | Recycled Mesh (100% recycled) |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Anti-Puncture Textile |
| Outsole | Rubber (NBR), BASF PU |
| Toecap | Nano Carbon |
| Category | S3S / SR, SC, LG, FO, HI, HRO, CI, ESD |
| Size range | EU 35-50 / UK 3.0-14.0 / US 3.0-15.0<br>JPN 21.5-33.0 / KOR 230-330 |
| Sample weight | 0.842 kg |
| Norms | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024 |

CE · WPA · HRO · HI · CI · 3FIT SYSTEM · NESKRID · ESD

$CO_2$ 14.36 kg



BLK



DBN



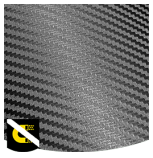
**Heat resistant outsole (HRO)**
The outsole resists high temperatures up to 300°C.



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



**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.



**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.



**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.

## Industries:
Construction, Food & beverages, Industry, Oil & Gas, Mining

## Environments:
Extreme slippery surfaces, Muddy environment, 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 | 5.16 | mg/$cm^2$ /h |
| | Upper: water vapor coefficient | ≥ 15 | 46 | mg/$cm^2$ |
| **Lining** | **Recycled Mesh (100% recycled)** | | | |
| | Lining: permeability to water vapor | ≥ 2 | 49.8 | mg/$cm^2$ /h |
| | Lining: water vapor coefficient | ≥ 20 | 398.8 | mg/$cm^2$ |
| **Footbed** | **SJ Recycled Foam Footbed (96% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | 25600/12800 | Dry 25600 cycles/Wet 12800 cycles | cycles |
| **Outsole** | **Rubber (NBR), BASF PU** | | | |
| | Outsole abrasion resistance (volume loss) | ≤ 150 | 116 | $mm^3$ |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | ≥ 0.31 | 0.45 | friction |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | ≥ 0.36 | 0.47 | friction |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | ≥ 0.19 | 0.28 | friction |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | ≥ 0.22 | 0.32 | friction |
| | Antistatic value | 0.1 - 1000 | 38.3 | MegaOhm |
| | ESD value | 0.1 - 100 | 45 | MegaOhm |
| | Heel energy absorption | ≥ 20 | 40 | J |
| **Toecap** | **Nano Carbon** | | | |
| | 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 | 17.0 | mm |
| | Compression resistance toecap (clearance after compression 15kN) | ≥ 14 | 23.0 | 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 | 12.09 | kg |
| | Packing | 0.12 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **14.36 kg CO2/pair** | |

| | Description | Result |
|---|---|---|
| **Recycled content** | | |
| | Product | 7% |
| | 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.