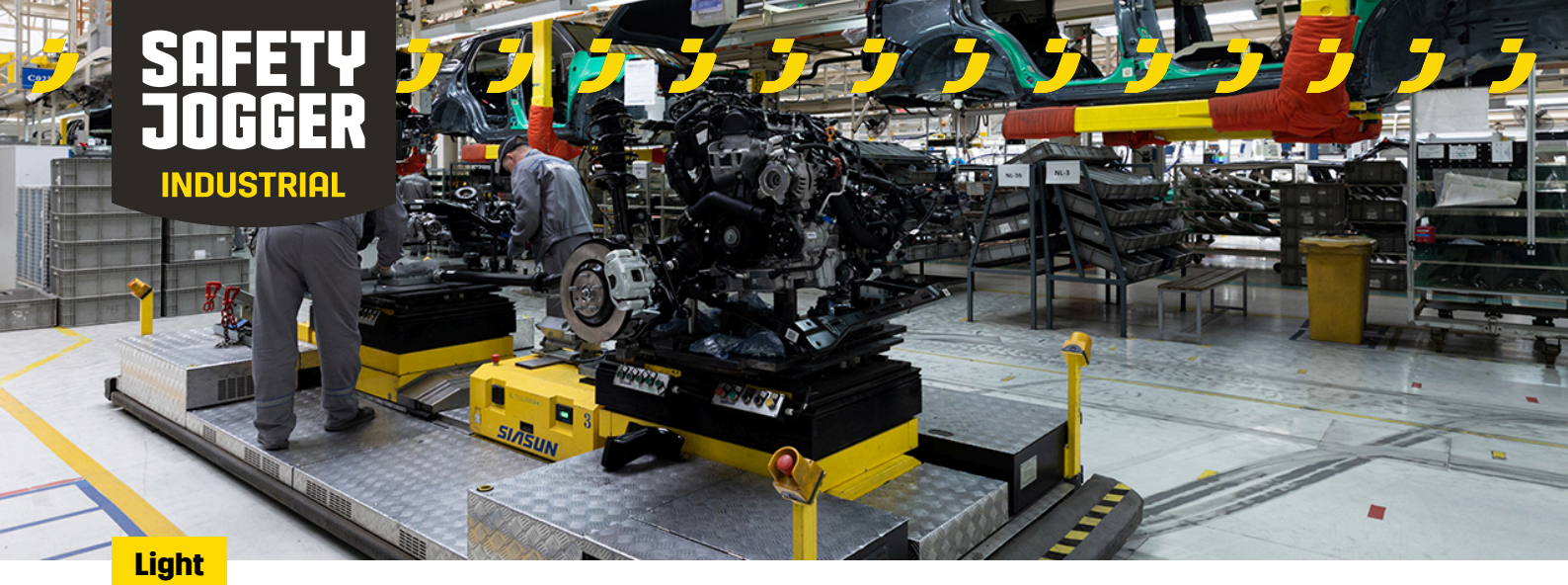


SAFETY JOGGER INDUSTRIAL

Light

# BOTANIC S1P MID

BOTANICS1P

**Women's Steel Cap Boots ESD**

Safety Jogger BOTANIC S1P women's safety shoe with steel toecap, slip resistance, and ESD features. Ideal for assembly, logistics and light industry.

| | |
|---|---|
| Upper | Suede Leather, Textile |
| Lining | Recycled Mesh (100% recycled) |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Steel |
| Outsole | PU/PU |
| Toecap | Steel |
| Category | S1 P / SR, SC, LG, FO, CI, ESD |
| Size range | EU 35-43 |
| Sample weight | 0.540 kg |
| Norms | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024 |



813

$CO_2$ 9.14 kg

**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.



**Non-marking outsole**
Non-marking outsoles do not leave color marks on the ground.




**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.



**Steel midsole**
Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.



**Steel toecap**
Robust metal support to protect the feet of the wearer against falling or rolling objects.

## Industries:
Assembly, Automotive, Food & beverages, Construction, Logistics

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

## Test results:

| | Description | EN ISO 20345 | Result | Measure unit |
|---|---|---|---|---|
| **Upper** | **Suede Leather, Textile** | | | |
| | Upper: permeability to water vapor | ≥ 0.8 | 3.3 | mg/$cm^2$ /h |
| | Upper: water vapor coefficient | ≥ 15 | 27.3 | 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** | **PU/PU** | | | |
| | Outsole abrasion resistance (volume loss) | ≤ 150 | 135.4 | $mm^3$ |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | ≥ 0.31 | 0.39 | friction |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | ≥ 0.36 | 0.38 | friction |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | ≥ 0.19 | 0.26 | friction |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | ≥ 0.22 | 0.29 | friction |
| | Antistatic value | 0.1 - 1000 | 200 | MegaOhm |
| | ESD value | 0.1 - 100 | 21.2 | MegaOhm |
| | Heel energy absorption | ≥ 20 | 25 | 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 | 15.5 | mm |
| | Compression resistance toecap (clearance after compression 15kN) | ≥ 14 | 19.5 | mm |

Sample size: 38

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 | 6.85 | kg |
| | Packing | 0.13 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **9.14 kg CO2/pair** | |

| | Description | Result |
|---|---|---|
| **Recycled content** | | |
| | Product | 9% |
| | 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.