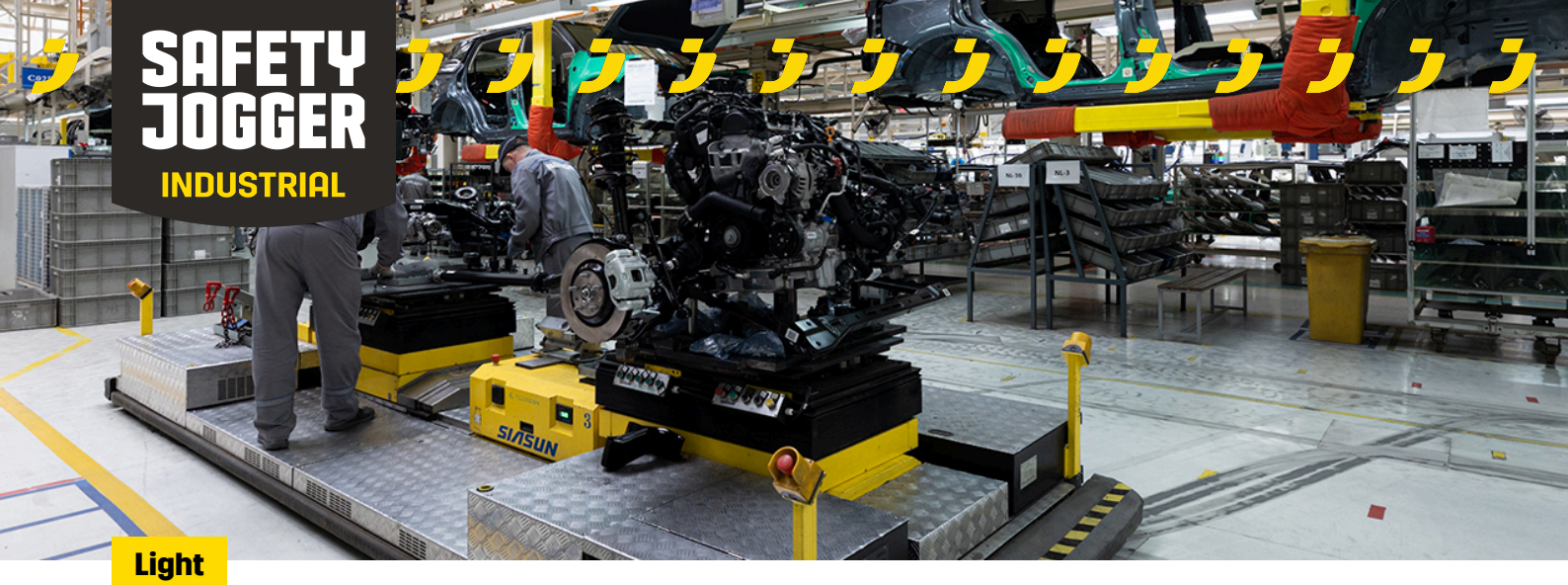

SAFETY JOGGER INDUSTRIAL

Light

# BESTKNIT S1P

BSTKNITS1P

**Women's S1P Steel Toe Safety Shoes**

BESTKNIT S1P women's safety shoes with ESD compliance, ladder grip and slip resistance deliver breathable comfort and flexibility for fastpaced work.

| | |
|---|---|
| Upper | Textile, TPU |
| Lining | Textile |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Steel |
| Outsole | PU/PU |
| Toecap | Steel |
| Category | S1 P / SR, LG, FO, ESD |
| Size range | EU 35-43 / UK 3.0-9.0 / US 5.5-11.5<br>JPN 21.5-27 / KOR 230-280 |
| Sample weight | 0.470 kg |
| Norms | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024 |

$CO_2$ 7.67 kg



LBL



LLC



**Breathable upper**
Increased moisture and temperature management for extended wearer comfort.



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




**S1P**
You work in dry environments, no risk of water/liquid sprays, and you need protection for your toes, protection against perforation, and a good breathability? Then you need S1P safety footwear.



**SJ Foam**
Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.



**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.



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

## Industries:
Assembly, Automotive, Industry, Logistics

## Environments:
Dry environment, Extreme slippery 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** | **Textile, TPU** | | | |
| | Upper: permeability to water vapor | ≥ 0.8 | 11.2 | mg/$cm^2$ /h |
| | Upper: water vapor coefficient | ≥ 15 | 90.0 | mg/$cm^2$ |
| **Lining** | **Textile** | | | |
| | Lining: permeability to water vapor | ≥ 2 | 11.7 | mg/$cm^2$ /h |
| | Lining: water vapor coefficient | ≥ 20 | 94.2 | 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 | 29.9 | $mm^3$ |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | ≥ 0.31 | 0.40 | friction |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | ≥ 0.36 | 0.43 | friction |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | ≥ 0.19 | 0.20 | friction |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | ≥ 0.22 | 0.27 | friction |
| | Antistatic value | 0.1 - 1000 | 13.2 | MegaOhm |
| | ESD value | 0.1 - 100 | 18 | MegaOhm |
| | Heel energy absorption | ≥ 20 | 31 | 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 | 20.5 | 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 | 5.39 | kg |
| | Packing | 0.12 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **7.67 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.