SAFETY JOGGER
INDUSTRIAL



Light

# BALTO S1

**Breathable Steel Toe Safety Shoes**

Safety Jogger BALTO is an SR safety shoe with a steel toecap and oil & fuel resistant outsole. It offers breathability and electrostatic protection.

| | |
|---|---|
| Upper | Synthetic, Textile |
| Lining | Recycled Mesh (100% recycled) |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | N/A |
| Outsole | EVA / Rubber (NBR) |
| Toecap | Steel |
| Category | S1 / SR, SC, HI, HRO, CI, ESD |
| Size range | EU 35-47 / UK 3.0-12.0 / US 3.0-13.0<br>JPN 21.5-31 / KOR 230-310 |
| Sample weight | 0.431 kg |
| Norms | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024 |

3FIT SYSTEM

NESKRID

$CO_2$ 5.46 kg



LGR



GRY



NAV



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



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




**SRC slip resistance**
Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



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



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



**Antistatic**
Antistatic footwear prevents build-up of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm

## Industries:
Automotive, Cleaning, Logistics, Industry

## Environments:
Dry 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** | **Synthetic, Textile** | | | |
| | Upper: permeability to water vapor | ≥ 0.8 | 31.89 | mg/$cm^2$ /h |
| | Upper: water vapor coefficient | ≥ 15 | 255 | mg/$cm^2$ |
| **Lining** | **Recycled Mesh (100% recycled)** | | | |
| | Lining: permeability to water vapor | ≥ 2 | 86.31 | mg/$cm^2$ /h |
| | Lining: water vapor coefficient | ≥ 20 | 691 | mg/$cm^2$ |
| **Footbed** | **SJ Recycled Foam Footbed (96% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | 25600/12800 | 25600/12800 | cycles |
| **Outsole** | **EVA / Rubber (NBR)** | | | |
| | Outsole abrasion resistance (volume loss) | ≤ 150 | 102.2 | $mm^3$ |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | ≥ 0.31 | 0.60 | friction |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | ≥ 0.36 | 0.52 | friction |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | ≥ 0.19 | 0.38 | friction |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | ≥ 0.22 | 0.32 | friction |
| | Antistatic value | 0.1 - 1000 | 41.1 | MegaOhm |
| | ESD value | 0.1 - 100 | 45 | MegaOhm |
| | Heel energy absorption | ≥ 20 | 35 | 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 | 17.0 | 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 | 3.19 | kg |
| | Packing | 0.12 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **5.46 kg CO2/pair** | |

| | Description | Result |
|---|---|---|
| **Recycled content** | | |
| | Product | 11% |
| | 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.