SAFETY JOGGER
INDUSTRIAL



Light

# LIGERO2 S1P LOW TLS S1 PS

LIGERO2S1T

**Breathable S1P Safety Shoes With TLS**

LIGERO2 S1P TLS ultralight safety shoe with metalfree protection, breathable comfort, slipresistant grip and TLS closure for easy on and off.

| | |
|---|---|
| Upper | Textile |
| Lining | Recycled Mesh (100% recycled) |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Anti-Puncture Nonwoven |
| Outsole | PU |
| Toecap | Nano Carbon |
| Category | S1 PS / SR, SC, FO, CI, ESD |
| 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 | 0.465 kg |
| Norms | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024 |

$CO_2$ 7.12 kg



BLK



NAV



ORA



**TLS (Twist Lock System)**
Safety Jogger's innovative TLS closure allows you to quickly tighten and loosen your safety footwear with one hand and under any conditions, even when you are wearing safety gloves. TLS ensures a fast, safe and easy precision fit that offers enhanced comfort and enables you to perform at your best.



**Puncture resistant lightweight**
Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



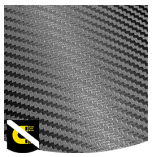
**Nano carbon toecap**
Ultralight high-tech material, metalfree with no thermal or electrical conductivity.




**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.



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



**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.

## Industries:
Assembly, Automotive, 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** | **Textile** | | | |
| | Upper: permeability to water vapor | ≥ 0.8 | 4.2 | mg/$cm^2$/h |
| | Upper: water vapor coefficient | ≥ 15 | 37.6 | mg/$cm^2$ |
| **Lining** | **Recycled Mesh (100% recycled)** | | | |
| | Lining: permeability to water vapor | ≥ 2 | 41.3 | mg/$cm^2$/h |
| | Lining: water vapor coefficient | ≥ 20 | 330.2 | mg/$cm^2$ |
| **Footbed** | **SJ Recycled Foam Footbed (96% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | 25600/12800 | 25600/12800 | cycles |
| **Outsole** | **PU** | | | |
| | Outsole abrasion resistance (volume loss) | ≤ 150 | 103 | $mm^3$ |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | ≥ 0.31 | 0.38 | friction |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | ≥ 0.36 | 0.39 | friction |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | ≥ 0.19 | 0.24 | friction |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | ≥ 0.22 | 0.27 | friction |
| | Antistatic value | 0.1 - 1000 | 56.5 | MegaOhm |
| | ESD value | 0.1 - 100 | 67 | MegaOhm |
| | Heel energy absorption | ≥ 20 | 29 | 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 | mm |
| | Compression resistance toecap (clearance after compression 15kN) | ≥ 14 | 22.0 | 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 | 4.85 | kg |
| | Packing | 0.12 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **7.12 kg CO2/pair** | |

| | Description | Result |
|---|---|---|
| **Recycled content** | | |
| | Product | 18% |
| | 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.