SAFETY JOGGER
INDUSTRIAL

Light

# LIGERO S1P

**Extremely light low-cut ESD safety shoe**

Ligero is the ideal shoe for a hybrid workplace. With unique features such as a removable hybrid footbed, built-in air circulation system and shock absorption, you will have one of the lightest safety shoes on the market.

| | |
|---|---|
| Upper | Mesh |
| Lining | 3D-Mesh |
| Footbed | SJ foam footbed |
| Midsole | Nonwoven |
| Outsole | EVA/Rubber |
| Toecap | Nano Carbon |
| Safety standard | S1P / ESD, CI, SRC |
| Size range | EU 35-47 / UK 3.0-12.0<br>US 3.0-13.0 / CM 23.0-31.0 |
| Sample weight | 0.430 kg |
| Norms | EN ISO 20345:2011<br>ASTM F2413:2018 |

ORA

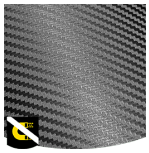
NAV

BLK

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

**3D mesh**
Three-dimensional produced distance mesh to provide increased moisture and temperature management.

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



**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.

**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.

## Industries:
Automotive, Logistics, Industry

## 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.

| | Description | Measure unit | Result | EN ISO 20345 |
|---|---|---|---|---|
| **Upper** | **Mesh** | | | |
| | Upper: permeability to water vapor | mg/cm²/h | 37 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm² | 250 | ≥ 15 |
| **Lining** | **3D-Mesh** | | | |
| | Lining: permeability to water vapor | mg/cm²/h | 80 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm² | 550 | ≥ 20 |
| **Footbed** | **SJ foam footbed** | | | |
| | Footbed: abrasion resistance | cycles | 400 | ≥ 400 |
| **Outsole** | **EVA/Rubber** | | | |
| | Outsole abrasion resistance (volume loss) | mm³ | 85 | ≤ 150 |
| | Outsole slip resistance SRA: heel | friction | 0.46 | ≥ 0.28 |
| | Outsole slip resistance SRA: flat | friction | 0.39 | ≥ 0.32 |
| | Outsole slip resistance SRB: heel | friction | 0.14 | ≥ 0.13 |
| | Outsole slip resistance SRB: flat | friction | 0.18 | ≥ 0.18 |
| | Antistatic value | MegaOhm | NA | 0.1 - 1000 |
| | ESD value | MegaOhm | 45 | 0.1 - 100 |
| | Heel energy absorption | J | 20 | ≥ 20 |
| **Toecap** | **Nano Carbon** | | | |
| | Impact resistance toecap (clearance after impact 100J) | mm | NA | NA |
| | Compression resistance toecap (clearance after compression 10kN) | mm | NA | NA |
| | Impact resistance toecap (clearance after impact 200J) | mm | 16 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 16.5 | ≥ 14 |

Sample size: 42