

# **LIGER02 S1P LOW**

### LIGERO2S1P

### Extremely light, breathable, and metal-free safety shoe with a wide fitting

LIGERO2 S1P is one of the lightest safety shoes on the market, fit for light applications. With an ultralight nanocarbon toe cap and non-woven textile midsole, this safety shoe offers metal-free protection. It also features a slip-resistant outsole, breathable upper and removable footbed. LIGERO2 has a wide fitting and is made of robust materials.

| Upper            | Textile   |
|------------------|---|
| Lining           | Mesh  |
| Footbed          | SJ foam footbed   |
| Midsole          | Nonwoven  |
| Outsole          | PU  |
| Тоесар           | Nano Carbon   |
| Category         | S1 P / ESD, SRC   |
| 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<br>weight | 0.465 kg  |
| Norms            | ASTM F2413:2018   |

EN ISO 20345:2011



### 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.





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



### **Metal free**

SYSTEM

##

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.



BLK

mmmm

ORA

**Breathable upper** 

NAV

Increased moisture and temperature management for extended wearer comfort.

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



### SJ Foam

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



## Solutions for every workplace

INDUSTRIAL PROFESSIONAL TACTICAL TIGER GRIP



### Industries:

Assembly, Automotive, Catering, 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.

|         | Description  | Measure unit       | Result      | EN ISO 20345 |
|---------|--|--------------------|-------------|--------------|
| Upper   | Textile  |                    |             |              |
|         | Upper: permeability to water vapor                               | mg/cm²/h           | 21.1        | ≥ 0.8        |
|         | Upper: water vapor coefficient                                   | mg/cm <sup>2</sup> | 169         | ≥ 15         |
| Lining  | Mesh   |                    |             |              |
|         | Lining: permeability to water vapor                              | mg/cm²/h           | 62.5        | ≥ 2          |
|         | Lining: water vapor coefficient                                  | mg/cm <sup>2</sup> | 500         | ≥ 20         |
| Footbed | SJ foam footbed  |                    |             |              |
|         | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles             | 25600/12800 | 25600/12800  |
| Outsole | PU   |                    |             |              |
|         | Outsole abrasion resistance (volume loss)                        | mm <sup>3</sup>    | 91          | ≤ 150        |
|         | Outsole slip resistance SRA: heel                                | friction           | 0.41        | ≥ 0.28       |
|         | Outsole slip resistance SRA: flat                                | friction           | 0.42        | ≥ 0.32       |
|         | Outsole slip resistance SRB: heel                                | friction           | 0.19        | ≥ 0.13       |
|         | Outsole slip resistance SRB: flat                                | friction           | 0.23        | ≥ 0.18       |
|         | Antistatic value   | MegaOhm            | 72.8        | 0.1 - 1000   |
|         | ESD value  | MegaOhm            | 57.9        | 0.1 - 100    |
|         | Heel energy absorption   | J                  | 26          | ≥ 20         |
| Тоесар  | Nano Carbon  |                    |             |              |
|         | Impact resistance toecap (clearance after impact 100J)           | mm                 | N/A         | N/A          |
|         | Compression resistance toecap (clearance after compression 10kN) | mm                 | N/A         | N/A          |
|         | Impact resistance toecap (clearance after impact 200J)           | mm                 | 16.5        | ≥ 14         |
|         | Compression resistance toecap (clearance after compression 15kN) | mm                 | 22.0        | ≥ 14         |

Sample size:

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