


Light

# CADOR S1 P

**ESD Safety Shoes**

CADOR S1P safety shoe with steel toe cap, antipenetration sole, slip resistance and ESD protection offers comfort, style and value for light work.

| | |
|---|---|
| Upper | Mesh |
| Lining | 3D-Mesh |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Steel |
| Outsole | PU/PU |
| Toecap | Steel |
| Category | S1 P / SR, FO, 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 | 0.576 kg |
| Norms | ASTM F2413:2018<br>EN ISO 20345:2022 |



BLU



GRN



LGR



PNK



RED



YEL







**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.



**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.



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




**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.



**Steel midsole**
Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.

## Industries:
Automotive, Construction, Food & beverages, 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.

| | Description | Measure unit | Result | EN ISO 20345 |
|---|---|---|---|---|
| **Upper** | **Mesh** | | | |
| | Upper: permeability to water vapor | mg/$cm^2$/h | 3.9 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/$cm^2$ | 41 | ≥ 15 |
| **Lining** | **3D-Mesh** | | | |
| | Lining: permeability to water vapor | mg/$cm^2$/h | 61.1 | ≥ 2 |
| | Lining: water vapor coefficient | mg/$cm^2$ | 490 | ≥ 20 |
| **Footbed** | **SJ Recycled Foam Footbed (96% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | cycles | 25600/12800 | 25600/12800 |
| **Outsole** | **PU/PU** | | | |
| | Outsole abrasion resistance (volume loss) | $mm^3$ | 59 | ≤ 150 |
| | Outsole slip resistance SRA: heel | friction | 0.30 | ≥ 0.28 |
| | Outsole slip resistance SRA: flat | friction | 0.39 | ≥ 0.32 |
| | Outsole slip resistance SRB: heel | friction | 0.15 | ≥ 0.13 |
| | Outsole slip resistance SRB: flat | friction | 0.24 | ≥ 0.18 |
| | Antistatic value | MegaOhm | N/A | 0.1 - 1000 |
| | ESD value | MegaOhm | 73 | 0.1 - 100 |
| | Heel energy absorption | J | 24 | ≥ 20 |
| **Toecap** | **Steel** | | | |
| | 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 | 15.0 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 19.0 | ≥ 14 |

Sample size: 42

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