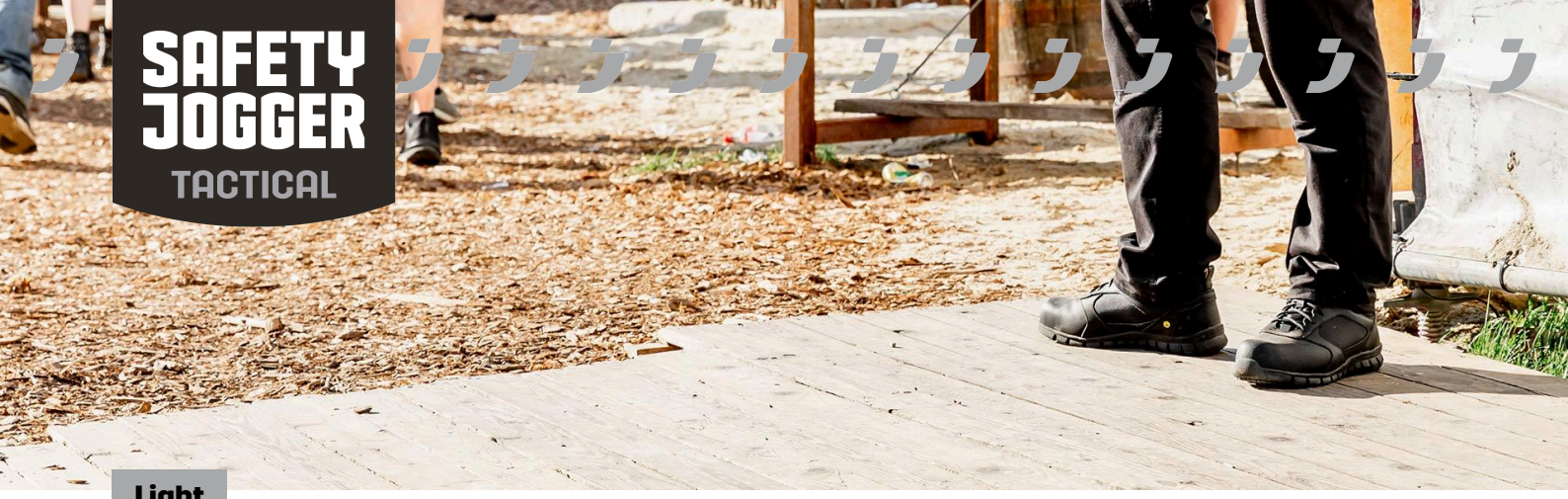


SAFETY JOGGER TACTICAL

Light

# KOMODO S3

**Low-Cut Lightweight Allround Safety Boots**

KOMODO safety shoe: lightweight with breathable lining & toecap. Meets S3 standard for comfort and protection.

| | |
|---|---|
| Upper | Waterproof Leather, Textile |
| Lining | Recycled Mesh (100% recycled) |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Nonwoven |
| Outsole | Phylon/Rubber (NBR) |
| Toecap | Nano Carbon |
| Category | S3 / SRC, 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 | 0.554 kg |
| Norms | ASTM F2413:2018<br>EN ISO 20345:2011 |

$CO_2$ 8.20 kg



BLK



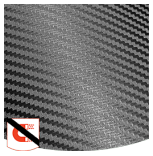

**S3**
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.




**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.



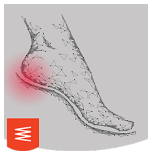
**Electrostatic Discharge (ESD)**
ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.



**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.



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



**Heel energy absorption**
Heel energy absorption reduces the impact of jumps or running on the body of the wearer.

## Industries:
Automotive, Food & beverages, Logistics, Industry, Tactical, Uniform

## Environments:
Extreme slippery surfaces, Wet 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** | **Waterproof Leather, Textile** | | | |
| | Upper: permeability to water vapor | ≥ 0.8 | 3.5 | mg/$cm^2$ /h |
| | Upper: water vapor coefficient | ≥ 15 | 33 | mg/$cm^2$ |
| **Lining** | **Recycled Mesh (100% recycled)** | | | |
| | Lining: permeability to water vapor | ≥ 2 | 68.4 | mg/$cm^2$ /h |
| | Lining: water vapor coefficient | ≥ 20 | 547 | mg/$cm^2$ |
| **Footbed** | **SJ Recycled Foam Footbed (96% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | 25600/12800 | 25600/12800 | cycles |
| **Outsole** | **Phylon/Rubber (NBR)** | | | |
| | Outsole abrasion resistance (volume loss) | ≤ 150 | 65 | $mm^3$ |
| | Outsole slip resistance SRA: heel | ≥ 0.28 | 0.46 | friction |
| | Outsole slip resistance SRA: flat | ≥ 0.32 | 0.39 | friction |
| | Outsole slip resistance SRB: heel | ≥ 0.13 | 0.14 | friction |
| | Outsole slip resistance SRB: flat | ≥ 0.18 | 0.18 | friction |
| | Antistatic value | 0.1 - 1000 | N/A | MegaOhm |
| | ESD value | 0.1 - 100 | 22 | MegaOhm |
| | Heel energy absorption | ≥ 20 | 21 | 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 | 16.0 | mm |
| | Compression resistance toecap (clearance after compression 15kN) | ≥ 14 | 17.0 | 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 | 5.92 | kg |
| | Packing | 0.12 | kg |
| | Manufacturing | 1.90 | kg |
| | Transport | 0.26 | kg |
| | | **8.20 kg CO2/pair** | |

| | Description | Result |
|---|---|---|
| **Recycled content** | | |
| | Product | 16% |
| | 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.