



# SAFETY JOGGER

## INDUSTRIAL



Light

## FREEDOM S1PS MID

FYTS1PSMID

### Lightweight Safety Shoes S1PS Mid

Free your toes with FREEDOM S1PS MID. The anatomically shaped toe cap supports barefoot-like walking. Lightweight, breathable and metal free.

|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Upper         | Textile                                                             |
| Lining        | 3D-Mesh                                                             |
| Footbed       | SJ foam footbed                                                     |
| Midsole       | Nonwoven                                                            |
| Outsole       | ETPU/Rubber (NBR)                                                   |
| Toecap        | Nano Carbon                                                         |
| Category      | S1 PS / SR, SC, FO, HI, HRO, CI, ESD                                |
| Size range    | EU 35-50 / UK 3.0-14.0 / US 3.0-15.0<br>JPN 21.5-33.0 / KOR 230-330 |
| Sample weight | 0.585 kg                                                            |
| Norms         | EN ISO 20345:2022+A1:2024<br>ASTM F2413:2024                        |



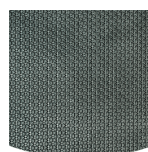
#### 3D mesh

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



#### Breathable upper

Increased moisture and temperature management for extended wearer comfort.



#### Rubber outsole

Rubber outsoles provide versatile functions that make them suitable for many areas of application: excellent cut resistance, heat and cold resistance, high flexibility at cold temperatures, resistance against oil, fuel and many chemicals.



BLK

SAFETY  
JOGGER

WORKS

HEAD-TO-TOE  
PROTECTION

ENGINEERED  
IN EUROPE

[www.safetyjogger.com](http://www.safetyjogger.com)

Industries:

Assembly, Automotive, 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    | 32.71                             | ≥ 0.8        |
|         | Upper: water vapor coefficient                                   | mg/cm²       | 262                               | ≥ 15         |
| Lining  | 3D-Mesh                                                          |              |                                   |              |
|         | Lining: permeability to water vapor                              | mg/cm² /h    | 37.07                             | ≥ 2          |
|         | Lining: water vapor coefficient                                  | mg/cm²       | 297                               | ≥ 20         |
| Footbed | SJ foam footbed                                                  |              |                                   |              |
|         | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles       | Dry 25600 cycles/Wet 12800 cycles | 25600/12800  |
| Outsole | ETPU/Rubber (NBR)                                                |              |                                   |              |
|         | Outsole abrasion resistance (volume loss)                        | mm³          | 114                               | ≤ 150        |
|         | Basic Slip resistance - Ceramic + NaLS - Forward heel slip       | friction     | 0.47                              | ≥ 0.31       |
|         | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip  | friction     | 0.45                              | ≥ 0.36       |
|         | SR Slip resistance - Ceramic + glycerin - Forward heel slip      | friction     | 0.35                              | ≥ 0.19       |
|         | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction     | 0.32                              | ≥ 0.22       |
|         | Antistatic value                                                 | MegaOhm      | 42.6                              | 0.1 - 1000   |
|         | ESD value                                                        | MegaOhm      | 20                                | 0.1 - 100    |
|         | Heel energy absorption                                           | J            | 33                                | ≥ 20         |
| Toecap  | 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           | 23.0                              | ≥ 14         |

Sample size:

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