

Light

ELGON EH LOW SB

ELGONEHL

Lightweight, electrical hazard certified safety shoes with a phylon/rubber outsole and easy-to-clean microfiber upper

The ELGON EH LOW is an industry-leading safety shoe with a heat-resistant outsole, lightweight composite toe cap and EH rating. Ideal for assembly, automotive, logistics, and industry sectors.

| | |
|---------------|---|
| Upper | Synthetic Leather |
| Lining | Mesh |
| Footbed | SJ Memory foam footbed |
| Midsole | Anti-puncture Textile |
| Outsole | Phylon/Rubber (NBR) |
| Toecap | Composite |
| Category | SB / PS, SR, WPA, E, HI, CI, FO, HRO, EH |
| Size range | EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310 |
| Sample weight | 0.515 kg |
| Norms | EN ISO 20345:2022+A1:2024 ASTM F2413:2024 |



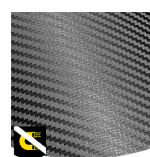
Electrical hazard (EH)

Electrical hazard (EH) rated safety shoes have nonconductive outsoles. As a secondary source of protection they reduce the potential for electric shocks under dry conditions.



Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



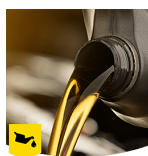
Metal free

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.



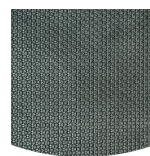
Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



Oil & fuel resistant

The outsole is resistant against oil and fuel.



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

Industries:

Assembly, Automotive, Logistics, Industry

Environments:

Dry environment, Uneven 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 | Synthetic Leather | | | |
| | Upper: permeability to water vapor | mg/cm ² /h | 4.32 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm ² | 37 | ≥ 15 |
| Lining | Mesh | | | |
| | Lining: permeability to water vapor | mg/cm ² /h | 18.31 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm ² | 147 | ≥ 20 |
| Footbed | SJ Memory foam footbed | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | cycles | Dry 25600 cycles/Wet 12800 cycles | 25600/12800 |
| Outsole | Phylon/Rubber (NBR) | | | |
| | Outsole abrasion resistance (volume loss) | mm ³ | 128 | ≤ 150 |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | friction | 0.41 | ≥ 0.31 |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | friction | 0.36 | ≥ 0.36 |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | friction | 0.36 | ≥ 0.19 |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction | 0.33 | ≥ 0.22 |
| | Antistatic value | MegaOhm | N/A | 0.1 - 1000 |
| | ESD value | MegaOhm | N/A | 0.1 - 100 |
| | Heel energy absorption | J | 30 | ≥ 20 |
| Toecap | Composite | | | |
| | 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 | 23.5 | ≥ 14 |

Sample size:

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.



HEAD-TO-TOE
PROTECTION



Proudly ranked in the
top 1% by EcoVadis
for sustainability.



www.safetyjogger.com