

Medium

FLUX S3S LOW

FLUXS3SLOW

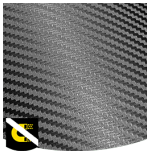
Lightweight comfortable and metal-free S3S low-cut

The FLUX S3S LOW is a low-cut safety shoe with a synthetic nubuck upper for water resistance and durability. Features a nanocarbon toecap, metal-free puncture-resistant midsole, and PU cleated outsole for strong grip on dry, wet, and slippery surfaces. The recycled mesh lining enhances breathability.

| | |
|---------------|---|
| Upper | TPU, Synthetic Nubuck |
| Lining | Recycled Mesh |
| Footbed | SJ Memory foam footbed |
| Midsole | Anti-puncture Textile |
| Outsole | PU/PU |
| Toecap | Nano Carbon |
| Category | S3S / SR, SC, FO, ESD, CI |
| Size range | EU 35-50 / UK 3.0-14.0 / US 3.0-15.0 JPN 21.5-33.0 / KOR 230-330 |
| Sample weight | 0.552 kg |
| Norms | EN ISO 20345:2022+A1:2024 ASTM F2413:2024 |



BLK



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.



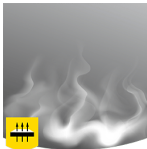
Slip resistance (SR)

Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with oil.



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.



Breathable upper

Increased moisture and temperature management for extended wearer comfort.



Scuff Cap (SC)

Separately tested material to cover the toe cap area to reduce abrasion of the upper material (e.g. during kneeling operations) and extend usability of the safety shoe.



Nano carbon toecap

Ultra-light high-tech material, metal-free with no thermal or electrical conductivity.

Industries:

Assembly, Automotive, Catering, Cleaning, Food & beverages, Industry, Logistics

Environments:

Dry environment, 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.

| | Description | Measure unit | Result | EN ISO 20345 |
|----------------|--|-----------------------|---|--------------|
| Upper | TPU, Synthetic Nubuck | | | |
| | Upper: permeability to water vapor | mg/cm ² /h | 2.3 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm ² | 19.9 | ≥ 15 |
| Lining | Recycled Mesh | | | |
| | Lining: permeability to water vapor | mg/cm ² /h | 49.8 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm ² | 398.8 | ≥ 20 |
| Footbed | SJ Memory foam footbed | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | cycles | Dry 25600 cycles/Wet 12800 cycles | 25600/12800 |
| Outsole | PU/PU | | | |
| | Outsole abrasion resistance (volume loss) | mm ³ | 40.9 | ≤ 150 |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | friction | 0.49 | ≥ 0.31 |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | friction | 0.48 | ≥ 0.36 |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | friction | 0.30 | ≥ 0.19 |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction | 0.25 | ≥ 0.22 |
| | Antistatic value | MegaOhm | 18.7 | 0.1 - 1000 |
| | ESD value | MegaOhm | 5.2 | 0.1 - 100 |
| | Heel energy absorption | J | 30 | ≥ 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 | 15.5 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 21.5 | ≥ 14 |

Sample size: 42

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