



Light

AAK S1P LOW S1 PS

AAKS1PLOW

Composite Toe Safety Shoes

Lightweight, metal-free safety shoe with EH protection, slip-resistant outsole, breathable upper, and wide fit for comfort in dry work environments.

| | |
|---------------|---|
| Upper | Synthetic, Textile |
| Lining | Recycled Mesh |
| Footbed | SJ Memory foam footbed |
| Midsole | Anti-puncture Textile |
| Outsole | Phylon/Rubber (NBR) |
| Toecap | Composite |
| Category | S1 PS / SR, ESD, ESD, FO, HRO |
| Size range | EU 35-48 / UK 3.0-13.0 / US 3.0-13.5 JPN 21.5-31.5 / KOR 230-315 |
| Sample weight | 0.510 kg |
| Norms | ASTM F2413:2018 EN ISO 20345:2022 |



BLU



BLK

DBL

GRN

GRY



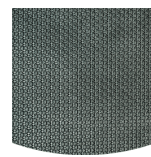
Removable insole

Renew your insole at a regular base or use your own orthopedic insoles for a higher comfort.



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.



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.



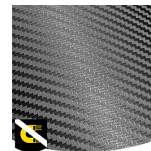
Puncture resistant lightweight

Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



Composite toecap

Metal free 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.

Industries:

Assembly, Automotive, Industry, Logistics

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, Textile | | | |
| | Upper: permeability to water vapor | mg/cm ² /h | 1.2 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm ² | 21 | ≥ 15 |
| Lining | Recycled Mesh | | | |
| | Lining: permeability to water vapor | mg/cm ² /h | 34.59 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm ² | 277 | ≥ 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 | 119.4 | ≤ 150 |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | friction | 0.43 | ≥ 0.31 |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | friction | 0.44 | ≥ 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 | 650 | 0.1 - 1000 |
| | ESD value | MegaOhm | 21.9 | 0.1 - 100 |
| | Heel energy absorption | J | 25 | ≥ 20 |
| Toecap | Composite | | | |
| | Impact resistance toecap (clearance after impact 100J) | mm | NA | N/A |
| | Compression resistance toecap (clearance after compression 10kN) | mm | NA | N/A |
| | Impact resistance toecap (clearance after impact 200J) | mm | 16.0 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 22.0 | ≥ 14 |

Sample size: 42

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