

Light

RAPTOR S1 PS

Athletic low-cut safety shoe with active air unit

The RAPTOR safety shoes offer unparalleled safety and comfort with an active air unit for superior shock absorption. Lightweight and versatile, they provide all-day comfort and protection against static sparks, falling and sharp objects.

| | |
|---------------|---|
| Upper | Mesh, Nubuck Action Leather |
| Lining | Mesh |
| Footbed | SJ foam footbed |
| Midsole | Anti-puncture Textile |
| Outsole | Phylon/Rubber (NBR) |
| Toecap | Composite |
| Category | S1 PS / SR, FO, HRO |
| Size range | EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310 |
| Sample weight | 0.615 kg |
| Norms | ASTM F2413:2018 EN ISO 20345:2022 |



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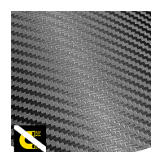
S1P

You work in dry environments, no risk of water/liquid sprays, and you need protection for your toes, protection against perforation, and a good breathability? Then you need S1P safety footwear.



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.



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.



Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity

Industries:

Automotive, Food & beverages, Logistics, Industry

Environments:

Dry 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 | Mesh, Nubuck Action Leather | | | |
| | Upper: permeability to water vapor | mg/cm²/h | 4.7 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm² | 44.1 | ≥ 15 |
| Lining | Mesh | | | |
| | Lining: permeability to water vapor | mg/cm²/h | 63.9 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm² | 511.3 | ≥ 20 |
| Footbed | SJ foam footbed | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | cycles | 25600/12800 | 25600/12800 |
| Outsole | Phylon/Rubber (NBR) | | | |
| | Outsole abrasion resistance (volume loss) | mm³ | 102 | ≤ 150 |
| | Basic Slip resistance - Ceramic + NaLS - Forward heel slip | friction | 0.49 | ≥ 0.31 |
| | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip | friction | 0.45 | ≥ 0.36 |
| | SR Slip resistance - Ceramic + glycerin - Forward heel slip | friction | 0.27 | ≥ 0.19 |
| | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction | 0.23 | ≥ 0.22 |
| | Antistatic value | MegaOhm | 130 | 0.1 - 1000 |
| | ESD value | MegaOhm | N/A | 0.1 - 100 |
| | Heel energy absorption | J | 41 | ≥ 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 | 17.0 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 18.0 | ≥ 14 |

Sample size: 42

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