



Light

RAPTOR S1 PS

Composite Toe Athletic Safety Shoes

RAPTOR safety shoes with active air shock absorption, S1P breathability, SR slip grip, metalfree lightweight design for multiple industries.

| | |
|---------------|---|
| 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

SJ Foam
Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.

Antistatic
Antistatic footwear prevents build-up of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm

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/cm ² /h | 4.7 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm ² | 44.1 | ≥ 15 |
| Lining | Mesh | | | |
| | Lining: permeability to water vapor | mg/cm ² /h | 63.9 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm ² | 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) | mm ³ | 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 | 38 | ≥ 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:

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