



Heavy

## POSEIDON S4

Safety boot with PVC outsole

The POSEIDON boots with PVC outsole are robust safety boots with slip resistance, a steel toecap, antistatic and waterproof features. Perfect for multiple industries and environments.

|               |   |
|---------------|---|
| Upper         | SJ PVC  |
| Lining        | Tricot  |
| Footbed       | N/A   |
| Midsole       | N/A   |
| Outsole       | PVC   |
| Toecap        | Steel   |
| Category      | S4 / FO   |
| Size range    | EU 36-47 / UK 3.5-12.0 / US 4.0-13.0<br>JPN 22.5-31 / KOR 235-310 |
| Sample weight | 1.080 kg  |
| Norms         | ASTM F2413:2018<br>EN ISO 20345:2022                              |



WHT



### Waterproof (WR)

Waterproof footwear prevents liquids to enter into the shoe.



### Steel toecap

Robust metal support to protect the feet of the wearer against falling or rolling objects.



### SRA slip resistance

Slip resistance is one of the most important features of safety and occupational footwear. SRA slip resistant soles are tested on a ceramic tile with dilute soap solution.



### 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



### Oil & fuel resistant

The outsole is resistant against oil and fuel.



### Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.

**Industries:**

Catering, Cleaning, Construction, Food &amp; beverages, Industry

**Environments:**

Dry environment, Uneven 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 |
|----------------|--|-----------------------|--------|--------------|
| <b>Upper</b>   | <b>SJ PVC</b>  |                       |        |              |
|                | Upper: permeability to water vapor                               | mg/cm <sup>2</sup> /h | N/A    | ≥ 0.8        |
|                | Upper: water vapor coefficient                                   | mg/cm <sup>2</sup>    | N/A    | ≥ 15         |
| <b>Lining</b>  | <b>Tricot</b>  |                       |        |              |
|                | Lining: permeability to water vapor                              | mg/cm <sup>2</sup> /h | N/A    | ≥ 2          |
|                | Lining: water vapor coefficient                                  | mg/cm <sup>2</sup>    | N/A    | ≥ 20         |
| <b>Footbed</b> | <b>N/A</b>   |                       |        |              |
|                | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles                | N/A    | 25600/12800  |
| <b>Outsole</b> | <b>PVC</b>   |                       |        |              |
|                | Outsole abrasion resistance (volume loss)                        | mm <sup>3</sup>       | 162    | ≤ 150        |
|                | Basic Slip resistance - Ceramic + NaLS - Forward heel slip       | friction              | 0.38   | ≥ 0.31       |
|                | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip  | friction              | 0.37   | ≥ 0.36       |
|                | SR Slip resistance - Ceramic + glycerin - Forward heel slip      | friction              | N/A    | ≥ 0.19       |
|                | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction              | N/A    | ≥ 0.22       |
|                | Antistatic value   | MegaOhm               | 298.6  | 0.1 - 1000   |
|                | ESD value  | MegaOhm               | N/A    | 0.1 - 100    |
|                | Heel energy absorption   | J                     | 20     | ≥ 20         |
| <b>Toecap</b>  | <b>Steel</b>   |                       |        |              |
|                | 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                    | 23.0   | ≥ 14         |
|                | Compression resistance toecap (clearance after compression 15kN) | mm                    | 24.0   | ≥ 14         |

Sample size: 42

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