



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
Midssole	N/A
Outsole	PVC
Toecap	Steel
Category	S4 / FO
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	1.080 kg
Norms	ASTM F2413:2018 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.



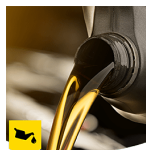
SRA slip resistance

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 & 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
Upper	SJ PVC			
	Upper: permeability to water vapor	mg/cm ² /h	N/A	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	N/A	≥ 15
Lining	Tricot			
	Lining: permeability to water vapor	mg/cm ² /h	N/A	≥ 2
	Lining: water vapor coefficient	mg/cm ²	N/A	≥ 20
Footbed	N/A			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	N/A	25600/12800
Outsole	PVC			
	Outsole abrasion resistance (volume loss)	mm ³	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
Toecap	Steel			
	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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