



**Heavy**

## POSEIDON S4

**Safety Boots With PVC Outsole**

POSEIDON steel toe safety boots with PVC outsole deliver slipresistant grip, waterproof durability and antistatic safety for multiple industries.

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 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.



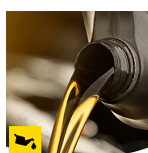
### SRA slip resistance

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/cm²/h	N/A	# 0.8
	Upper: water vapor coefficient	mg/cm²	N/A	# 15
Lining	Tricot			
	Lining: permeability to water vapor	mg/cm²/h	N/A	# 2
	Lining: water vapor coefficient	mg/cm²	N/A	# 20
Footbed	N/A			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	N/A	25600/12800
Outsole	PVC			
	Outsole abrasion resistance (volume loss)	mm³	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:

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HEAD-TO-TOE  
PROTECTION



Proudly ranked in the  
top 1% by EcoVadis  
for sustainability.



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