



Medium

## VALLIS S3

**Low-cut safety shoe with reflecting heel part and non-marking outsole**

The Safety Jogger VALLIS is a low-cut, lightweight safety shoe with SR slip resistance, antistatic properties, a water-resistant upper, a reflecting heel part and non-marking sole. It offers body posture pain relief, multiple usage, and protection from falling objects.

Upper	Nubuck Action Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	S3 / ESD, SRC
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	0.649 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



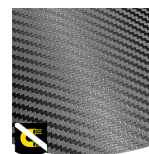
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**S3**  
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



**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.



**Non-marking outsole**  
Non-marking outsoles do not leave color marks on the ground.



**Water resistant Upper (WRU)**  
Prevents penetration of water if not permanently exposed to high levels.



**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, Chemical, Cleaning, Construction, Logistics, Mining, Oil &amp; Gas, 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>Nubuck Action Leather</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	4.3	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	39.6	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	58.5	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	468	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Outsole</b>	<b>PU/PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	28	≤ 150
	Outsole slip resistance SRA: heel	friction	0.32	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.39	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.14	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	529	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	31.0	≥ 20
<b>Toecap</b>	<b>Composite</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	15.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	17.0	≥ 14

Sample size: 41

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