

VALLIS S3S

Non-Marking Safety Shoes With Reflecting Heel

VALLIS lowcut safety shoes are lightweight with slipresistant grip, antistatic safety, waterresistant comfort, reflective heel and posture pain relief.

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Upper	Nubuck Action Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	S3S / SR, SC, LG, ESD, CI, 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	0.636 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022







































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 & 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
Upper	Nubuck Action Leather			
	Upper: permeability to water vapor	$mg/_{cm^2}/h$	2.4	≥ 0.8
	Upper: water vapor coefficient	$mg/_{\mathrm{CIII}^2}$	25.9	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	$mg/_{\mathrm{Cm}^2}/h$	86.31	≥2
	Lining: water vapor coefficient	$mg/_{ m cm^2}$	691	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/PU			
	Outsole abrasion resistance (volume loss)	mm ³	33	≤150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.41	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.38	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.32	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.26	≥ 0.22
	Antistatic value	MegaOhm	26.5	0.1 - 1000
	ESD value	MegaOhm	48	0.1 - 100
	Heel energy absorption	J	30	≥ 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	17.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	24.0	≥ 14

Sample size:

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