SAFETY JOGGER
INDUSTRIAL



Medium

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.

CO_2 11.77 kg

Upper	Nubuck Action Leather
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Anti-Puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	S3S / SR, SC, LG, FO, CI, ESD
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



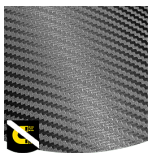
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S3
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



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 & 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.

Test results:

	Description	EN ISO 20345	Result	Measure unit
Upper	**Nubuck Action Leather**			
	Upper: permeability to water vapor	≥ 0.8	2.4	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	25.9	mg/cm^2
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	≥ 2	86.31	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	691	mg/cm^2
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	25600/12800	cycles
Outsole	**PU/PU**			
	Outsole abrasion resistance (volume loss)	≤ 150	33	mm^3
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	≥ 0.31	0.41	friction
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	≥ 0.36	0.38	friction
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	≥ 0.19	0.32	friction
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	≥ 0.22	0.26	friction
	Antistatic value	0.1 - 1000	26.5	MegaOhm
	ESD value	0.1 - 100	48	MegaOhm
	Heel energy absorption	≥ 20	30	J
Toecap	**Composite**			
	Impact resistance toecap (clearance after impact 100J)	N/A	N/A	mm
	Compression resistance toecap (clearance after compression 10kN)	N/A	N/A	mm
	Impact resistance toecap (clearance after impact 200J)	≥ 14	17.5	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	24.0	mm

Sample size: 41

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.

Carbon footprint:

	Description	Result	Measure unit
CO2 emission			
	Material	9.50	kg
	Packing	0.12	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		11.77 kg CO2/pair	

	Description	Result
Recycled content		
	Product	7%
	Packing	99%

CO2 calculation:
Values are rounded to two decimals.
These analyses are performed using our in-house environmental calculators, developed within the Cortina Group. The CO2 values are valid at the time of calculation and may be subject to change.