

FLOW S3 MID <mark>S3S</mark>

FLOWS3MID

Sporty Metal-Free S3 Mid Safety Shoes

FLOW S3 MID metal-free safety shoes with composite toe cap offers EH protection, breathable comfort, energy absorption and slipresistant grip.

Upper	Synthetic Nubuck
Lining	3D-Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	S3S / SR, SC, ESD, CI, FO
Size range	EU 35-48 / UK 3.0-13.0 / US 3.0-13.5 JPN 21.5-31.5 / KOR 230-315
Sample weight	0.615 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



























Airblaze technology

Moisture and temperature management system to provide optimum wearer comfort by keeping your feet dry and comfortable.



Puncture resistant lightweight

Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



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.



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.



Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



Electrostatic Discharge (ESD)

ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.







Industries:

Assembly, Automotive, Food & beverages, Industry, Logistics

Environments:

Dry 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	Synthetic Nubuck			
	Upper: permeability to water vapor	mg/cm²/h	2.2	≥ 0.8
	Upper: water vapor coefficient	$mg/_{\mathrm{Cm}^2}$	28	≥ 15
Lining	3D-Mesh			
	Lining: permeability to water vapor	mg/cm²/h	61	≥2
	Lining: water vapor coefficient	$mg/_{Cm^2}$	490	≥ 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	84	≤150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.36	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.37	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.24	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.27	≥ 0.22
	Antistatic value	MegaOhm	43.3	0.1 - 1000
	ESD value	Mega0hm	39	0.1 - 100
	Heel energy absorption	J	26	≥ 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	18.0	≥14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.0	≥14

Sample size:

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