

# **MODULO S1PS LOW PERF**

MODULOS1PL

# **Breathable S1PS Vegan Safety Shoes**

MODULO S1PS LOW PERF vegan safety shoes deliver slip resistance, breathable comfort, ESD protection and lightweight support for long

Upper	Microfiber
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	BASF PU/BASF PU
Toecap	Nano Carbon
Category	S1 PS / SR, SC, ESD, 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	0.520 kg

Norms ASTM F2413:2018

EN ISO 20345:2022+A1:2024 IS 15298 (Part 2): 2016



















Metal free















#### S.I Foam

Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.



## 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 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.



## Slip resistance (SR)

Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with



#### Vegan

Uses or contains no animal products.



## Scuff Cap (SC)

Separately tested material to cover the toe cap area to reduce abrasion of the upper material (e.g. during kneeling operations) and extend usability of the safety shoe.





#### **Industries:**

Assembly, Automotive, Industry, Logistics

## **Environments:**

Dry environment, Extreme slippery surfaces

# **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	Microfiber			
	Upper: permeability to water vapor	mg/cm²/h	8.20	# 0.8
	Upper: water vapor coefficient	mg/cm²	68	# 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	60.62	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	485	# 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	BASF PU/BASF PU			
	Outsole abrasion resistance (volume loss)	mm³	127mm <sup>3</sup> (Density:1.09g/ cm <sup>3</sup> )	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.33	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.42	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.22	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.25	# 0.22
	Antistatic value	MegaOhm	31.5	0.1 - 1000
	ESD value	MegaOhm	21	0.1 - 100
	Heel energy absorption	J	31	# 20
Toecap	Nano Carbon			
	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	15.5	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.0	# 14

Sample size:

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