



Light

MODULO S1PS SANDAL

MODULOS1PS

The ultra breathable vegan safety sandal

Comfort that lasts. MODULO is the ultimate choice for both men and women who demand excellence from their safety footwear. This safety shoe offers an array of key features, such as slip resistance, a breathable design, comfortable footbed, ESD, lightweight midsole and toe cap & much more. Made from vegan materials.

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	0.535 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022 IS 15298 (Part 2): 2016



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GRY

BLK



Puncture resistant lightweight

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



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.



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 oil.



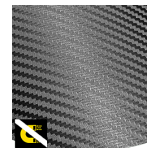
Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



Vegan

Uses or contains no animal products.



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.

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/cm ² /h	8.20	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	68	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	60.62	≥ 2
	Lining: water vapor coefficient	mg/cm ²	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)	mm ³	127mm ³ (Density: 1.09g/ cm ³)	≤ 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: 42

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