



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



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
<b>Upper</b>	<b>Microfiber</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	8.20	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	68	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	60.62	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	485	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
<b>Outsole</b>	<b>BASF PU/BASF PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	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	
<b>Toecap</b>	<b>Nano Carbon</b>			
	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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