Medium

MODULO S3S LOW

MODULOS3L

Super comfortable metal-free vegan safety sneaker

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	S3S / SR, SC, ESD, CI, FO
Size range	EU 35-50 / UK 3.0-14.0 / US 3.0-15.0 JPN 21.5-33.0 / KOR 230-330
Sample weight	0.500 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022 IS 15298 (Part 2): 2016

AH7

BLK   112   GRY

CE   **ESD**   **WPA**   **CI**   **3FIT SYSTEM**   **NESKRID**

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.

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.

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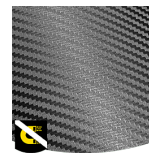
Puncture resistant lightweight
Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.

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

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, Cleaning, Catering, Logistics

Environments:
Dry environment, Extreme slippery 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.

	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/cm²	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	127mm³ (Density:1.09g/cm³)	≤ 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