

# **MODULO S3S MID**

MODULOS3M

Super comfortable vegan safety mid cut sneaker

Upper	Microfiber
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	BASF PU/BASF PU
Тоесар	Nano Carbon
Category	S3S / 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	0.555 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022 IS 15298 (Part 2): 2016



























# Vegan

Uses or contains no animal products.



#### **Heel energy absorption**

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



#### 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.



# 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.



#### **Industries:**

Assembly, Automotive, Catering, Cleaning, Industry, 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
Тоесар	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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