

# **MODULO PURE S3S VLTG**

**MDLOPUVELO** 

# Easy-to-Clean Safety Shoes with Velcro Closure

Vegan, metal-free low-cut safety shoe with Lorica upper, recycled mesh lining, velcro closure, ESD certification, and Tiger Grip outsole for superior traction and durability.

Upper	Lorica
Lining	Recycled Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Rubber (NBR)
Toecap	Nano Carbon
Category	S3S / SR, ESD, HI, CI, FO, HRO
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	0.590 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024











































#### 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.



## **Tiger Grip Technology**

Outsoles with Tiger Grip technology are renowned for their slip resistance, ability to withstand wear and tear and excellent traction on different surfaces, even wet and uneven ones. They are crafted with an exclusive rubber compound and engineered with specific patterns and grooves to enhance grip and stability.



#### Vegan

Uses or contains no animal products.



## Nano carbon toecap

Ultralight high-tech material, metalfree with no thermal or electrical conductivity.



## 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 Mega0hm.



#### **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:**

Catering, Chemical, Cleaning, Food & beverages, Medical

#### **Environments:**

Extreme slippery surfaces, Warm 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	Lorica			
	Upper: permeability to water vapor	$mg/_{cm^2}/h$	1.80	≥ 0.8
	Upper: water vapor coefficient	$mg/_{\mathrm{C}\mathrm{III}^2}$	17	≥ 15
Lining	Recycled Mesh			
	Lining: permeability to water vapor	$mg/_{\mathrm{Cm}^2}/h$	18.2	≥ 2
	Lining: water vapor coefficient	$mg/_{ m cm^2}$	146.8	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	124	≤150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.38	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.45	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.23	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.26	≥ 0.22
	Antistatic value	MegaOhm	57.1	0.1 - 1000
	ESD value	Mega0hm	69	0.1 - 100
	Heel energy absorption	J	32	≥ 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	17.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23.0	≥ 14

Sample size: 42

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