SAFETY JOGGER
INDUSTRIAL

Light

MODULO ARMOR S3S LOW

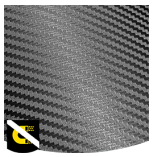
MDLOAMRS3L

Super Breathable S3S Safety Shoes

The MODULO ARMOR S3S safety shoe features a breathable upper, ESD, slip resistance and vegan, metalfree comfort. Built tough for demanding environments.

Upper	Abrasion resistant fabric, Abrasion Resistant Synthetic
Lining	3D-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
Sample weight	0.545 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

BLK



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.

Oil & fuel resistant
The outsole is resistant against oil and fuel.

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 MegaOhm.

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

SJ Foam
Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.

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	**Abrasion resistant fabric, Abrasion Resistant Synthetic**			
	Upper: permeability to water vapor	mg/cm^2/h	3.26	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	27	≥ 15
Lining	**3D-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	86	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.34	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.39	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.32	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.40	≥ 0.22
	Antistatic value	MegaOhm	23.6	0.1 - 1000
	ESD value	MegaOhm	40	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: