

MODULO ARMOR S3S MID

Super breathable, abrasion-resistant and metal-free midcut boot with puncture-resistant midsole and 2-density PU

The MODULO ARMOR S3S mid-cut safety boot offers unbeatable protection and comfort. It offers a breathable, armoured MAX TEK upper, excellent slip resistance and metalfree protection, making it perfect for tough environments.

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Upper	Abrasion resistant fabric, Abrasion Resistant Synthetic
Lining	3D-Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	BASF PU/BASF PU
Тоесар	Nano Carbon
Category	S3S / SR, SC, ESD, CI, FO
Size range	EU 35-50
Sample weight	0.595 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



































Breathable upper

Increased moisture and temperature management for extended wearer comfort.



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.



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.



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.



Uses or contains no animal products.



Industries:

Assembly, Automotive, Catering, Cleaning, Construction, 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/cm²/h		≥ 0.8
	Upper: water vapor coefficient	mg/cm²		≥ 15
Lining	3D-Mesh			
	Lining: permeability to water vapor	mg/cm²/h		≥ 2
	Lining: water vapor coefficient	mg/cm²		≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles		25600/12800
Outsole	BASF PU/BASF PU			
	Outsole abrasion resistance (volume loss)	mm³		≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction		≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction		≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction		≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction		≥ 0.22
	Antistatic value	MegaOhm		0.1 - 1000
	ESD value	MegaOhm		0.1 - 100
	Heel energy absorption	J		≥ 20
Toecap	Nano Carbon			
	Impact resistance toecap (clearance after impact 100J)	mm		N/A
	Compression resistance toecap (clearance after compression 10kN)	mm		N/A
	Impact resistance toecap (clearance after impact 200J)	mm		≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm		≥ 14

Sample size: 42

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