

# **MODULO LEA S3S LOW T**

MDLCHS3SLT

Metal-free and puncture-resistant leather safety shoe with Tiger Grip Technology outsole for extreme grip and traction

The MODULO LEA S3S safety shoe offers durability and comfort with an abrasion-resistant leather upper, metal-free nanocarbon toe cap, and textile midsole. Its high-performance Tiger Grip rubber outsole provides extreme traction on any surface, ensuring stability in muddy or rocky conditions. Perfect for demanding outdoor work environments.

Upper	Crazy Horse Leather, Abrasion Resistant Synthetic
Lining	3D-Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Rubber (NBR), BASF PU
Тоесар	Nano Carbon
Category	S3S / SR, SC, LG, ESD, HI, CI, FO, HRO
Size range	EU 35-50
Sample weight	0.620 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024





































## Breathable leather upper

Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



#### **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.



### **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.



## SJ Foam

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



## Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



#### Oil & fuel resistant

The outsole is resistant against oil and fuel.





#### **Industries:**

Assembly, Chemical, Cleaning, Construction, Industry, Logistics

#### **Environments:**

Dry environment, Extreme slippery surfaces, Muddy environment, Uneven 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	Crazy Horse Leather, Abrasion Resistant Synthetic			
	Upper: permeability to water vapor	mg/cm²/h	7.8	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	68	≥ 15
Lining	3D-Mesh			
	Lining: permeability to water vapor	mg/cm²/h	42.7	≥ 2
	Lining: water vapor coefficient	mg/cm²	342.3	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	Rubber (NBR), BASF PU			
	Outsole abrasion resistance (volume loss)	mm³	117	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.44	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.42	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.29	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.32	≥ 0.22
	Antistatic value	MegaOhm	32.1	0.1 - 1000
	ESD value	MegaOhm	65	0.1 - 100
	Heel energy absorption	J	37	≥ 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	17.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.5	≥ 14

Sample size:

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