

Light

## KOMODO S3

Low-cut lightweight allround tactical boot

The KOMODO is a puncture-resistant, lightweight safety shoe with a lightweight toecap, and a breathable lining. This shoe meets the safety standard S3 and provides comfort all day.

Upper	Textile, Waterproof Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Nonwoven
Outsole	Phylon/Rubber (NBR)
Toecap	Nano Carbon
Category	S3 / ESD, SRC
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.530 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



BLK



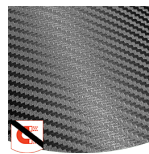
**S3**  
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



**SRC slip resistance**  
Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



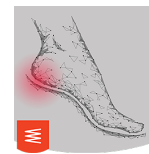
**Electrostatic Discharge (ESD)**  
ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.



**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.



**Nano carbon toecap**  
Ultra-light high-tech material, metal-free with no thermal or electrical conductivity.



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

**Industries:**

Automotive, Food &amp; beverages, Logistics, Industry, Tactical, Uniform

**Environments:**

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
<b>Upper</b>	<b>Textile, Waterproof Leather</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	3.5	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	33	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	68.4	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	547	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Outsole</b>	<b>Phylon/Rubber (NBR)</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	65	≤ 150
	Outsole slip resistance SRA: heel	friction	0.46	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.39	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.14	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	22	0.1 - 100
	Heel energy absorption	J	21	≥ 20
<b>Toecap</b>	<b>Nano Carbon</b>			
	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	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	17.0	≥ 14

Sample size: 42

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