



Heavy

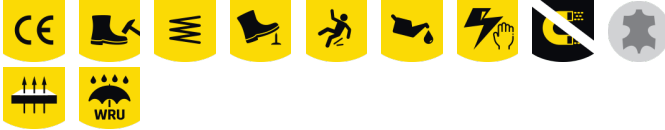
COSMOS S3

Mid-cut leather safety shoe for demanding professions

Upper	Nappa Leather
Lining	Mesh
Footbed	SJ foam footbed
Midssole	Anti-puncture Textile
Outsole	PU/TPU
Toecap	Composite
Category	S3 / SRC
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	0.740 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



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Non-marking outsole

Non-marking outsoles do not leave color marks on the ground.



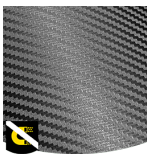
Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



SJ Flex

Metalfree puncture resistant material, which is lighter and more flexible than steel. The material is not thermal conductive. Covers 100% of the surface of the last bottom.



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.



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.

Industries:

Automotive, Chemical, Cleaning, Construction, Food & beverages, Logistics, Mining, Oil & Gas, Industry

Environments:

Dry environment, 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	Nappa Leather			
	Upper: permeability to water vapor	mg/cm ² /h	1.9	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	20.9	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	51.9	≥ 2
	Lining: water vapor coefficient	mg/cm ²	415.5	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/TPU			
	Outsole abrasion resistance (volume loss)	mm ³	41.8	≤ 150
	Outsole slip resistance SRA: heel	friction	0.30	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.38	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.15	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.20	≥ 0.18
	Antistatic value	MegaOhm	298	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	35	≥ 20
Toecap	Composite			
	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	20.0	≥ 14

Sample size: 42

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