

Medium

ELGON S3S LOW

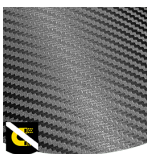
ELGONS3LOW

Lightweight, metalfree and penetration-resistant low-cut with Phylon/Rubber outsole. Easy-to-clean microfiber upper

Upper	Synthetic Leather
Lining	Mesh
Footbed	SJ Memory foam footbed
Midsole	Anti-puncture Textile
Outsole	Phylon/Rubber (NBR)
Toecap	Composite
Category	S3S / SR, ESD, HI, CI, FO, HRO
Size range	EU 35-48
Sample weight	0.515 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



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.



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.



Heel energy absorption

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



Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.

Industries:

Assembly, Automotive, Chemical, Catering, Cleaning, Industry, Logistics, Uniform

Environments:

Extreme slippery surfaces, Warm surfaces, Wet environment, Dry 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	Synthetic Leather			
	Upper: permeability to water vapor	mg/cm ² /h		≥ 0.8
	Upper: water vapor coefficient	mg/cm ²		≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h		≥ 2
	Lining: water vapor coefficient	mg/cm ²		≥ 20
Footbed	SJ Memory foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles		25600/12800
Outsole	Phylon/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm ³		≤ 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	Composite			
	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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