SAFETY JOGGER INDUSTRIAL

Light

LIGERO S1 P

Lightweight ESD Safety Shoes

Ultra-light, flexible safety shoe with SJ-3FIT adjustable width, nano carbon toe cap, and hybrid insole for unmatched comfort at work.

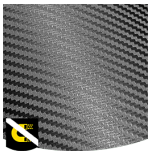
Upper	Mesh
Lining	Recycled 3D-Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Anti-Puncture Nonwoven
Outsole	Phylon/Rubber (NBR)
Toecap	Nano Carbon
Category	S1 P / SRC, CI, ESD
Size range	EU 35-49 / UK 3.0-13.5 / US 3.0-14.5 JPN 21.5-32.5 / KOR 230-325
Sample weight	0.439 kg
Norms	ASTM F2413:2024 EN ISO 20345:2011

NAV

BLK

ORA

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
Ultralight high-tech material, metalfree with no thermal or electrical conductivity.

Puncture resistant lightweight
Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.

3D mesh
Three-dimensional produced distance mesh to provide increased moisture and temperature management.

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

Industries:
Automotive, Logistics, Industry

Environments:
Dry environment, Extreme slippery surfaces

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	**Mesh**			
	Upper: permeability to water vapor	mg/cm^2/h	37	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	250	≥ 15
Lining	**Recycled 3D-Mesh (100% recycled)**			
	Lining: permeability to water vapor	mg/cm^2/h	80	≥ 2
	Lining: water vapor coefficient	mg/cm^2	550	≥ 20
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	**Phylon/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	mm^3	85	≤ 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	45	0.1 - 100
	Heel energy absorption	J	20	≥ 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	16	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	16.5	≥ 14

Sample size: 42

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