



Light

ECODEMPO S3S LOW

ECODEMPS3L

ESD-certified, metal-free safety shoe made from recycled materials

The Safety Jogger ECODEMPO S3S is a metal-free, ESD-certified safety shoe. It features a composite toe cap, oil- & fuel-resistant outsole, and breathable upper. It's lightweight, puncture resistant, and made from recycled materials.

Upper	TPU, Water resistant textile
Lining	Recycled 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 / UK 3.0-13.0 / US 3.0-13.5 JPN 21.5-31.5 / KOR 230-315
Sample weight	0.530 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



BLK



Breathable upper
Increased moisture and temperature management for extended wearer comfort.

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.

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

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.

Industries:

Assembly, Automotive, Industry, Logistics

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	TPU, Water resistant textile			
	Upper: permeability to water vapor	mg/cm ² /h	210.9	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	169	≥ 15
Lining	Recycled Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	50.38	≥ 2
	Lining: water vapor coefficient	mg/cm ²	403	≥ 20
Footbed	SJ Memory foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	Phylon/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm ³	119.4	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.48	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.48	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.36	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.36	≥ 0.22
	Antistatic value	MegaOhm	650	0.1 - 1000
	ESD value	MegaOhm	61	0.1 - 100
	Heel energy absorption	J	25	≥ 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	17.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23.0	≥ 14

Sample size: 42

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