SAFETY JOGGER
INDUSTRIAL



Light

ECODEMPO S3S LOW

ECODEMPS3L

Eco Extra Wide Safety Shoes

ECODEMPO S3S metal-free safety shoe with an upper made from 85% recycled water-resistant textile and 100% recycled textile, nano carbon toe cap and slip-resistant outsole.

CO_2 5.80 kg



BLK

Upper	Recycled Water-resistant Textile (85% recycled), Recycled Textile (100% recycled)
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Memory Foam Footbed (90% recycled)
Midsole	Anti-Puncture Textile
Outsole	Phylon/Rubber (NBR)
Toecap	Nano Carbon
Category	S3S / SR, FO, HI, HRO, CI, ESD
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	EN ISO 20345:2022+A1:2024 ASTM F2413:2024





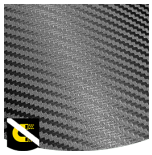
Breathable upper
Increased moisture and temperature management for extended wearer comfort.



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.



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.



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

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.

Test results:

	Description	EN ISO 20345	Result	Measure unit
Upper	**Recycled Water-resistant Textile (85% recycled), Recycled Textile (100% recycled)**			
	Upper: permeability to water vapor	≥ 0.8	210.9	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	169	mg/cm^2
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	≥ 2	50.38	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	403	mg/cm^2
Footbed	**SJ Recycled Memory Foam Footbed (90% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	Dry 25600 cycles/Wet 12800 cycles	cycles
Outsole	**Phylon/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	≤ 150	119.4	mm^3
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	≥ 0.31	0.43	friction
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	≥ 0.36	0.44	friction
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	≥ 0.19	0.36	friction
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	≥ 0.22	0.33	friction
	Antistatic value	0.1 - 1000	650	MegaOhm
	ESD value	0.1 - 100	22	MegaOhm
	Heel energy absorption	≥ 20	25	J
Toecap	**Nano Carbon**			
	Impact resistance toecap (clearance after impact 100J)	N/A	N/A	mm
	Compression resistance toecap (clearance after compression 10kN)	N/A	N/A	mm
	Impact resistance toecap (clearance after impact 200J)	≥ 14	17.5	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	24.0	mm

Sample size: 42

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.

Carbon footprint:

	Description	Result	Measure unit
CO2 emission			
	Material	3.52	kg
	Packing	0.12	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		5.80 kg CO2/pair	

	Description	Result
Recycled content		
	Product	19%
	Packing	99%

CO2 calculation:
Values are rounded to two decimals.
These analyses are performed using our in-house environmental calculators, developed within the Cortina Group. The CO2 values are valid at the time of calculation and may be subject to change.