SAFETY JOGGER
INDUSTRIAL

Light

FEATHER S1PS

FEATHERS1P

The lightest S1PS certified safety shoe

At 280g, FEATHER S1PS is the lightest safety shoe ever. Features a full-carbon toe, SJ light anti-puncture midsole, and Supercritical Foam midsole.

CO_2 8.41 kg

Upper	TPU, Mesh
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Foam Feather Footbed (10% recycled)
Midsole	Anti-Puncture Nonwoven
Outsole	Super Critical Foam / Rubber (NBR)
Toecap	Carbon
Category	S1 PS / SR, SC, HRO, 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	0.275 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

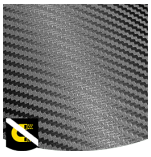
BLK

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

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

Slip resistance (SR)
Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with oil.

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.

Removable insole
Renew your insole at a regular base or use your own orthopedic insoles for a higher comfort.

Industries:
Logistics, Assembly, Automotive, 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.

Test results:

	Description	EN ISO 20345	Result	Measure unit
Upper	**TPU, Mesh**			
	Upper: permeability to water vapor	≥ 0.8	91.1	mg/cm^2/h
	Upper: water vapor coefficient	≥ 15	729	mg/cm^2
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	≥ 2	91.1	mg/cm^2/h
	Lining: water vapor coefficient	≥ 20	729	mg/cm^2
Footbed	**SJ Foam Feather Footbed (10% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	25600/12800	cycles
Outsole	**Super Critical Foam / Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	≤ 150	92	mm^3
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	≥ 0.31	0.42	friction
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	≥ 0.36	0.41	friction
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	≥ 0.19	0.43	friction
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	≥ 0.22	0.42	friction
	Antistatic value	0.1 - 1000	4.9	MegaOhm
	ESD value	0.1 - 100	8.34	MegaOhm
	Heel energy absorption	≥ 20	24	J
Toecap	**Carbon**			
	Impact resistance toecap (clearance after impact 100J)	N/A	NA	mm
	Compression resistance toecap (clearance after compression 10kN)	N/A	NA	mm
	Impact resistance toecap (clearance after impact 200J)	≥ 14	15	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	20	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	3.98	kg
	Packing	0.12	kg
	Manufacturing	3.80	kg
	Transport	0.51	kg
		8.41 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.