SAFETY JOGGER
INDUSTRIAL



Light

LIGHTSTAR S1PS

LIGHTSTAR

Lightweight Work Shoes With S1PS Protection

LIGHTSTAR S1PS safety shoes offers comfort and protection with metal free toecap, puncture resistant midsole and slip resistance for dry uneven surfaces.

Upper	Synthetic, Textile
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Memory Foam Footbed (90% recycled)
Midsole	Anti-Puncture Textile
Outsole	EVA / Rubber (NBR)
Toecap	Composite
Category	S1 PS / SR, SC, 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	0.458 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024

CE · ESD · HRO · HI · CI · NESKRID

CO_2 5.66 kg



AH6



BLK



NAV



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.



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



Composite toecap
Metalfree and lightweight, no thermal or electrical conductivity



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

Industries:
Assembly, Automotive, Industry, Logistics

Environments:
Dry environment, Uneven 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	**Synthetic, Textile**			
	Upper: permeability to water vapor	≥ 0.8	33.2	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	265.5	mg/cm^2
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	≥ 2	86.31	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	691	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	**EVA / Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	≤ 150	102.2	mm^3
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	≥ 0.31	0.49	friction
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	≥ 0.36	0.46	friction
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	≥ 0.19	0.36	friction
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	≥ 0.22	0.34	friction
	Antistatic value	0.1 - 1000	68.0	MegaOhm
	ESD value	0.1 - 100	21	MegaOhm
	Heel energy absorption	≥ 20	33	J
Toecap	**Composite**			
	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	15.5	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	22.0	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	3.39	kg
	Packing	0.12	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		5.66 kg CO2/pair	

	Description	Result
Recycled content		
	Product	10%
	Packing	100%

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.