

# SAFETY JOGGER

## INDUSTRIAL

Light

## LIGHTSTAR S1PS

LIGHTSTAR

**Lighthweight 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	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	EVA/Rubber (NBR)
Toecap	Composite
Category	S1 PS / SR, SC, ESD, HI, CI, 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	0.448 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



BLK



AH6



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.

**SAFETY  
JOGGER**  
WORKS

**HEAD-TO-TOE  
PROTECTION**



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IN EUROPE**

[www.safetyjogger.com](http://www.safetyjogger.com)

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.

	Description	Measure unit	Result	EN ISO 20345
Upper	Synthetic, Textile			
	Upper: permeability to water vapor	mg/cm²/h	33.2	# 0.8
	Upper: water vapor coefficient	mg/cm²	265.5	# 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	86.31	# 2
	Lining: water vapor coefficient	mg/cm²	691	# 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	EVA/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm³	102.2	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.49	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.46	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.36	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.34	# 0.22
	Antistatic value	MegaOhm	68.0	0.1 - 1000
	ESD value	MegaOhm	21	0.1 - 100
	Heel energy absorption	J	33	# 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	15.5	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.0	# 14

Sample size:

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