



SAFETY JOGGER

INDUSTRIAL



Heavy

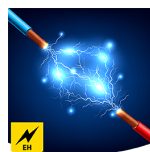
MARS EH SB

MARS-EH

EH-rated, mid-cut, puncture and slip resistant safety shoe

The Safety Jogger MARS-EH is a mid-cut, versatile, lightweight safety shoe with features like electrical hazard protection, water resistance, superior grip, and comfort. It's designed for various industries and environments, ensuring dry, cool feet and protection from sharp objects.

Upper	Nappa Leather
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Textile
Outsole	PU/TPU
Toecap	Composite
Category	SB / SR, SC, FO, E, CI, PS, EH
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	0.741 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024



Electrical hazard (EH)

EH-rated safety shoes have nonconductive outsoles. Tested to withstand 18.000 V for 1 minute with a maximum leakage current of 1 mA, they reduce the potential for electric shocks under dry conditions.



Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



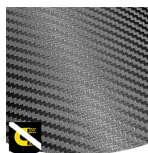
SJ Flex

Metalfree puncture resistant material, which is lighter and more flexible than steel. The material is not thermal conductive. Covers 100% of the surface of the last bottom.



Water resistant Upper (WRU)

Prevents penetration of water if not permanently exposed to high levels.



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.



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SAFETY JOGGER
WORKS

HEAD-TO-TOE PROTECTION

ENGINEERED
IN EUROPE

www.safetyjogger.com

Industries:

Automotive, Chemical, Construction, Logistics, Mining, Oil & Gas, Industry

Environments:

Dry environment, Uneven surfaces, Wet environment

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	Nappa Leather			
	Upper: permeability to water vapor	mg/cm ² /h	3.76	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	40	≥ 15
Lining	Recycled Mesh (100% recycled)			
	Lining: permeability to water vapor	mg/cm ² /h	86.31	≥ 2
	Lining: water vapor coefficient	mg/cm ²	691	≥ 20
Footbed	SJ Recycled Foam Footbed (96% recycled)			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/TPU			
	Outsole abrasion resistance (volume loss)	mm ³	46	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.41	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.43	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.20	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.23	≥ 0.22
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	29	≥ 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	18.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.5	≥ 14

Sample size: 42

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