

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	Crazy Horse Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Textile
Outsole	PU/TPU
Toecap	Composite
Category	SB / P, SRC, E, FO, 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	ASTM F2413:2018 EN ISO 20345:2011



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### Electrical hazard (EH)

Electrical hazard (EH) rated safety shoes have nonconductive outsoles. As a secondary source of protection they reduce the potential for electric shocks under dry conditions.



### Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



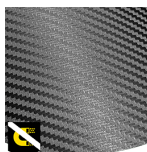
### SJ Flex

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.

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	<b>Crazy Horse Leather</b>			
	Upper: permeability to water vapor	mg/cm²/h	2.0	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	16.3	≥ 15
Lining	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm²/h	51.9	≥ 2
	Lining: water vapor coefficient	mg/cm²	415.5	≥ 20
Footbed	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	<b>PU/TPU</b>			
	Outsole abrasion resistance (volume loss)	mm³	41.8	≤ 150
	Outsole slip resistance SRA: heel	friction	0.37	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.32	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.16	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	35	≥ 20
Toecap	<b>Composite</b>			
	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	16.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.0	≥ 14

Sample size:

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