

Medium

## BESTBOY MF EH SB

BSTBOYMFH

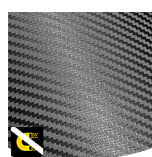
**Metal-free, all-time favorite safety shoe with electrical hazard protection**

Safety Jogger BESTBOY METALFREE EH is a lightweight, metal-free safety shoe with composite toe cap, electrical hazard protection, and puncture-resistant midsole. Ideal for professionals in assembly, logistics, and industry.

Upper	Barton Action Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	BASF PU/BASF PU
Toecap	Composite
Category	SB / PS, SR, SC, WPA, LG, E, CI, FO
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	0.685 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



BLK



### 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.



### Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



### 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.



### Non-marking outsole

Non-marking outsoles do not leave color marks on the ground.



### Self-cleaning outsole

Self-cleaning outsoles are designed to reduce clogging of the profile.



### Puncture resistant lightweight

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

**Industries:**  
Assembly, Industry, Logistics

**Environments:**  
Wet environment, 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	<b>Barton Action Leather</b>			
	Upper: permeability to water vapor	mg/cm²/h	1.97	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	20	≥ 15
Lining	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm²/h	86.31	≥ 2
	Lining: water vapor coefficient	mg/cm²	691	≥ 20
Footbed	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	<b>BASF PU/BASF PU</b>			
	Outsole abrasion resistance (volume loss)	mm³	33	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.39	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.37	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.28	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.27	≥ 0.22
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	26	≥ 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	15.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23.0	≥ 14

Sample size:

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