

Light

## MILOSEH LOW SB

MILOSEH

**Wide-fitting metal-free trainer with reflective elements in EH version**

Light like space, strong like a rock. Our lightweight MILOS S1P safety shoes are completely metal free, with a puncture-resistant midsole and a composite wide-fitting toe cap. They feature EH protection, a slip-resistant rubber outsole, and breathable upper. With reflective elements and suitable for light applications in dry environments.

Upper	Textile
Lining	Mesh
Footbed	SJ Memory foam footbed
Midsole	Textile
Outsole	Phylon/Rubber (NBR)
Toecap	Composite
Category	SB / PS, SR, E, FO, 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	0.530 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022

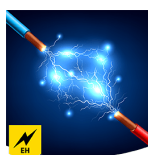


BLK



### Breathable upper

Increased moisture and temperature management for extended wearer comfort.



### 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.



### Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



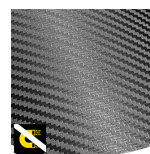
### Removable insole

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



### Puncture resistant lightweight

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



### 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:

Assembly, Automotive, Catering, Industry, Logistics

Environments:

Dry environment, Extreme slippery surfaces, Warm 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	Textile			
	Upper: permeability to water vapor	mg/cm²/h	1.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	21	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	34.59	≥ 2
	Lining: water vapor coefficient	mg/cm²	277	≥ 20
Footbed	SJ Memory foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	Phylon/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm³	Relative volume loss: 140mm³ (Density:1.21)	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.48	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.48	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.36	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.36	≥ 0.22
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	25	≥ 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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