



Light

## MORRIS S1 P

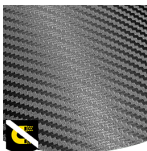
The most responsible safety shoe with ultimate comfort

The low-cut MORRIS safety shoe offers high-end protection with the comfort of lightweight, metal-free safety shoe, and is the most responsible safety shoe. Features include SR slip resistance, ESD, and a customizable SJ Foam footbed.

Upper	Knitted Recycled Textile, Recycled Microfibre
Lining	Recycled Mesh
Footbed	SJ foam footbed
Midsole	Nonwoven
Outsole	Phylon/Rubber (NBR)
Toecap	Nano Carbon
Category	S1 P / ESD, SRC
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.448 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



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.



### SRC slip resistance

Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



### Puncture resistant lightweight

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



### SJ Foam

Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.



### Electrostatic Discharge (ESD)

ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.



### 3D mesh

Three-dimensional produced distance mesh to provide increased moisture and temperature management.

**Industries:**

Automotive, Assembly, Logistics, Industry

**Environments:**

Dry environment, Extreme slippery 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
<b>Upper</b>	<b>Knitted Recycled Textile, Recycled Microfibre</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	41.9	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	336	≥ 15
<b>Lining</b>	<b>Recycled Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	50.4	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	403	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Outsole</b>	<b>Phylon/Rubber (NBR)</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	96.8	≤ 150
	Outsole slip resistance SRA: heel	friction	0.43	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.42	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.14	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	55	0.1 - 100
	Heel energy absorption	J	22.3	≥ 20
<b>Toecap</b>	<b>Nano Carbon</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	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19.5	≥ 14

Sample size: 42

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