

Light

MORRIS S1 P

Comfortable, Recycled Safety Shoes

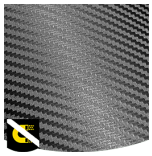
MORRIS low-cut safety shoe with recycled design, SR slip resistance, metalfree ultralight protection, ESD safety and full punctureresistant coverage.

CO_2 4.81 kg

Upper	Knitted Recycled Textile (50% recycled), Recycled Mesh (100% recycled)
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Nonwoven
Outsole	Phylon/Rubber (NBR)
Toecap	Nano Carbon
Category	S1 P / SRC, ESD
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.

Test results:

	Description	EN ISO 20345	Result	Measure unit
Upper	**Knitted Recycled Textile (50% recycled), Recycled Mesh (100% recycled)**			
	Upper: permeability to water vapor	≥ 0.8	41.9	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	336	mg/cm^2
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	≥ 2	50.4	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	403	mg/cm^2
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	25600/12800	cycles
Outsole	**Phylon/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	≤ 150	96.8	mm^3
	Outsole slip resistance SRA: heel	≥ 0.28	0.43	friction
	Outsole slip resistance SRA: flat	≥ 0.32	0.42	friction
	Outsole slip resistance SRB: heel	≥ 0.13	0.14	friction
	Outsole slip resistance SRB: flat	≥ 0.18	0.18	friction
	Antistatic value	0.1 - 1000	N/A	MegaOhm
	ESD value	0.1 - 100	55	MegaOhm
	Heel energy absorption	≥ 20	22.3	J
Toecap	**Nano Carbon**			
	Impact resistance toecap (clearance after impact 100J)	N/A	N/A	mm
	Compression resistance toecap (clearance after compression 10kN)	N/A	N/A	mm
	Impact resistance toecap (clearance after impact 200J)	≥ 14	16.0	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	19.5	mm

Sample size: 42

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.

Carbon footprint:

	Description	Result	Measure unit
CO2 emission			
	Material	2.53	kg
	Packing	0.12	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		4.81 kg CO2/pair	

	Description	Result
Recycled content		
	Product	29%
	Packing	99%

CO2 calculation:
Values are rounded to two decimals.
These analyses are performed using our in-house environmental calculators, developed within the Cortina Group. The CO2 values are valid at the time of calculation and may be subject to change.