SAFETY JOGGER
INDUSTRIAL



Medium

HAVEN S3

Non-Slip Safety Shoes With S3 Protection

HAVEN sneakers are metalfree with breathable Nappa leather, nanocarbon toe cap, shockabsorbing footbed, ESD safety and slipresistant rubber outsole.

CO_2 8.19 kg

Upper	Full Grain Leather
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Nonwoven
Outsole	Rubber (NBR)
Toecap	Nano Carbon
Category	S3 / SRC, ESD
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	0.525 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



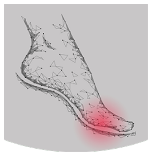
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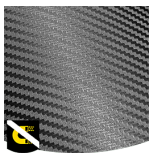
Breathable leather upper
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



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.



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



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.



S3
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



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.

Industries:
Assembly, Automotive, Chemical, Catering, Food & beverages, Industry, Logistics, Medical, Uniform

Environments:
Dry environment, Extreme slippery surfaces, Wet environment, 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.

Test results:

	Description	EN ISO 20345	Result	Measure unit
Upper	**Full Grain Leather**			
	Upper: permeability to water vapor	≥ 0.8	1.1	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	21	mg/cm^2
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	≥ 2	3.7	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	54	mg/cm^2
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	25600/12800	cycles
Outsole	**Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	≤ 150	113	mm^3
	Outsole slip resistance SRA: heel	≥ 0.28	0.42	friction
	Outsole slip resistance SRA: flat	≥ 0.32	0.46	friction
	Outsole slip resistance SRB: heel	≥ 0.13	0.15	friction
	Outsole slip resistance SRB: flat	≥ 0.18	0.19	friction
	Antistatic value	0.1 - 1000	N/A	MegaOhm
	ESD value	0.1 - 100	85	MegaOhm
	Heel energy absorption	≥ 20	24	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	14	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	14.5	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	5.91	kg
	Packing	0.12	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		8.19 kg CO2/pair	

	Description	Result
Recycled content		
	Product	18%
	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.