SAFETY JOGGER
INDUSTRIAL



Heavy

ARAS S3

Composite Toe Work Boots With Cold Insulation

Safety Jogger ARAS leather safety shoes keep feet warm and protected. Cold-insulated and flexible midsole for comfort in cold environments.

Upper	Nappa Action Leather
Lining	3M Thinsulate
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Anti-Puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	S3 / SRC, CI, ESD
Size range	EU 36-48 / UK 3.5-13.0 / US 4.0-13.5 JPN 22.5-31.5 / KOR 235-315
Sample weight	0.705 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011





BLK

CO_2 12.81 kg



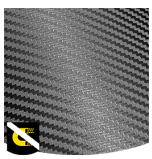
Cold insulated (CI)
Cold insulated (CI) safety shoes keep your feet warm. They are worn in cold environments.



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.



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.



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.



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

Industries:
Automotive, Chemical, Cleaning, Construction, Logistics, Mining, Oil & Gas, Industry

Environments:
Cold environment, Dry environment, Extreme slippery surfaces, Muddy environment, Snowy and icy, Uneven surfaces, Warm surfaces, Wet environment

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	**Nappa Action Leather**			
	Upper: permeability to water vapor	≥ 0.8	2	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	25.5	mg/cm^2
Lining	**3M Thinsulate**			
	Lining: permeability to water vapor	≥ 2	21.6	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	173	mg/cm^2
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	25600/12800	cycles
Outsole	**PU/PU**			
	Outsole abrasion resistance (volume loss)	≤ 150	41	mm^3
	Outsole slip resistance SRA: heel	≥ 0.28	1.35	friction
	Outsole slip resistance SRA: flat	≥ 0.32	0.37	friction
	Outsole slip resistance SRB: heel	≥ 0.13	0.13	friction
	Outsole slip resistance SRB: flat	≥ 0.18	0.18	friction
	Antistatic value	0.1 - 1000	N/A	MegaOhm
	ESD value	0.1 - 100	79	MegaOhm
	Heel energy absorption	≥ 20	31	J
Toecap	**Composite**			
	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	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	23	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	10.54	kg
	Packing	0.12	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		12.81 kg CO2/pair	

	Description	Result
Recycled content		
	Product	5%
	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.