SAFETY JOGGER
INDUSTRIAL

Heavy

ARAS S3

High-cut leather cold insulated safety shoe

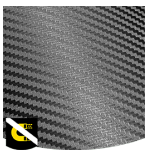
Aras is a cold insulated safety shoe, which keeps your feet warm in winter or in jobs where drastic temperature changes are frequent. It features ESD, which prevents a build-up of static electrical charges in the human body. With a composite toecap and an SJ Flex midsole, the Aras is light and flexible in use.

Upper	Nappa Action Leather
Lining	3M Thinsulate
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/PU
Toecap	Composite
Safety standard	S3 / ESD, CI, SRC
Size range	EU 36-48 / UK 3.5-13.0 US 4.0-13.5 / CM 23.5-31.5
Sample weight	0.705 kg
Norms	EN ISO 20345:2011 ASTM F2413:2018

BLK

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

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



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.

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.

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.

	Description	Measure unit	Result	EN ISO 20345
Upper	**Nappa Action Leather**			
	Upper: permeability to water vapor	mg/cm²/h	2	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	25.5	≥ 15
Lining	**3M Thinsulate**			
	Lining: permeability to water vapor	mg/cm²/h	21.6	≥ 2
	Lining: water vapor coefficient	mg/cm²	173	≥ 20
Footbed	**SJ foam footbed**			
	Footbed: abrasion resistance	cycles	400	≥ 400
Outsole	**PU/PU**			
	Outsole abrasion resistance (volume loss)	mm³	41	≤ 150
	Outsole slip resistance SRA: heel	friction	1.35	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.37	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.13	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	79	0.1 - 100
	Heel energy absorption	J	31	≥ 20
Toecap	**Composite**			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	NA
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	NA
	Impact resistance toecap (clearance after impact 200J)	mm	16	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23	≥ 14

Sample size: 42