SAFETY JOGGER
INDUSTRIAL



Heavy

NORDIC S3S

Leather Safety Boots With Warm Lining And Zipper

NORDIC leather safety boots with warm lining and easy zipper offer slipresistant grip, composite toecap protection, cold insulation and flexible comfort.

Upper	Abrasion Resistant Leather, Full Grain Leather
Lining	POLAR
Footbed	SJ Foam Winter Footbed
Midsole	Anti-Puncture Textile
Outsole	PU/TPU
Toecap	Composite
Category	S3S / SR, FO, CI
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.794 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024



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



Warm lining
Keeps your feet warm and dry in cold environments.



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.



Composite toecap
Metalfree and lightweight, no thermal or electrical conductivity



SJ Flex
Metalfree puncture resistant material, which is lighter and more flexible than steel. The material is not thermal conductive. Covers 100% of the surface of the last bottom.

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

Environments:
Cold environment, Dry environment, Muddy environment, Snowy and icy, Uneven 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	**Abrasion Resistant Leather, Full Grain Leather**			
	Upper: permeability to water vapor	mg/cm^2/h	2.6	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	25.8	≥ 15
Lining	**POLAR**			
	Lining: permeability to water vapor	mg/cm^2/h	34.5	≥ 2
	Lining: water vapor coefficient	mg/cm^2	276.9	≥ 20
Footbed	**SJ Foam Winter Footbed**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	**PU/TPU**			
	Outsole abrasion resistance (volume loss)	mm^3	41.8	≤ 150
	Outsole slip resistance SRA: heel	friction	0.34	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.41	≥ 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	122	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	33	≥ 20
Toecap	**Composite**			
	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	15.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	15.5	≥ 14

Sample size: 42

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