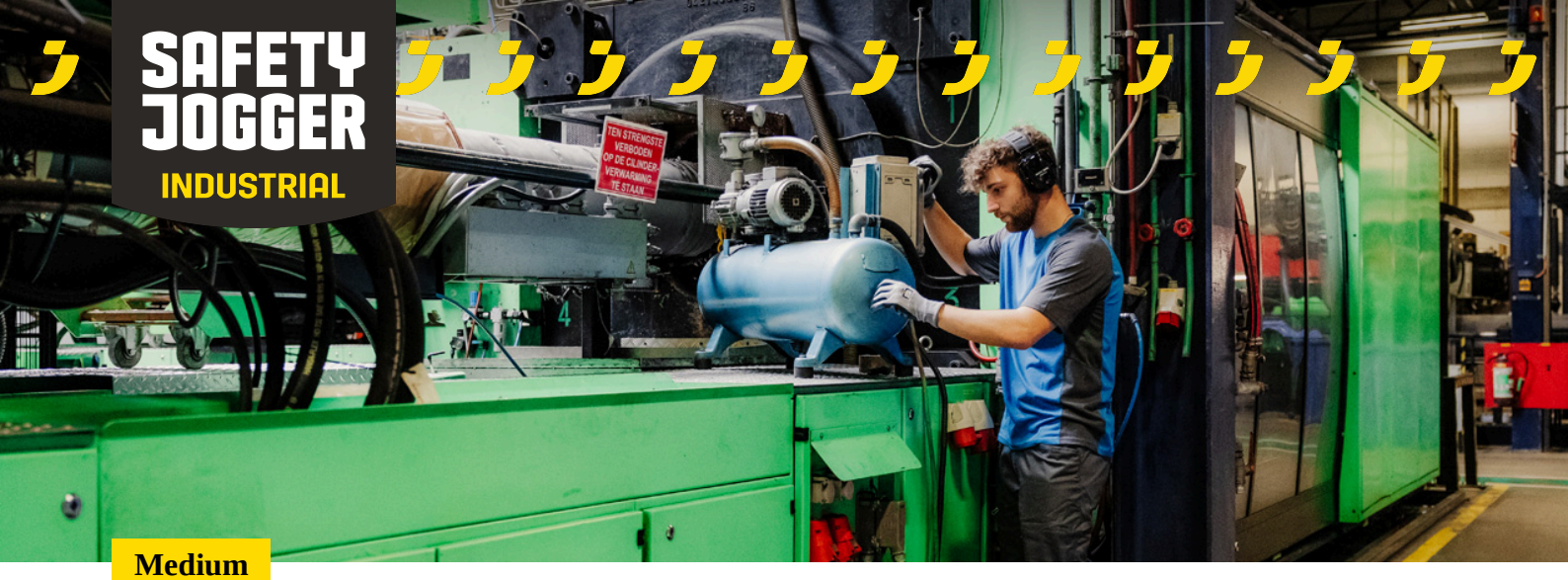
SAFETY JOGGER INDUSTRIAL



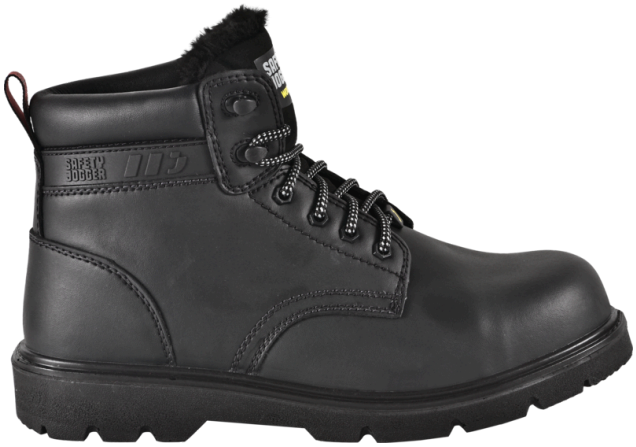
Medium

X1100N79 SB

Leather Work Boots With Warm Lining

X1100N79 safety shoes deliver EH protection, slipresistant grip, composite toe safety, breathable leather comfort, warm lining and metalfree SJ Flex.

Upper	Nappa Action Leather
Lining	Teddy
Footbed	Teddy
Midsole	Anti-puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	SB / PS, SR, WPA, E, CI, FO
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	0.710 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



BLK

Electrical hazard (EH)
Electrical hazard (EH) rated safety shoes have nonconductive outsoles. As a secondary source of protection they reduce the potential for electric shocks under dry conditions.

Composite toecap
Metalfree and lightweight, no thermal or electrical conductivity

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

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 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.

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

Industries:
Chemical, Construction, Logistics, Mining, Oil & Gas, Industry, Tactical

Environments:
Cold environment, Extreme slippery surfaces, Wet environment, Snowy and icy, Uneven surfaces, Muddy 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	2.86	# 0.8
	Upper: water vapor coefficient	mg/cm²	30	# 15
Lining	**Teddy**			
	Lining: permeability to water vapor	mg/cm²/h	40.21	# 2
	Lining: water vapor coefficient	mg/cm²	323	# 20
Footbed	**Teddy**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	**PU/PU**			
	Outsole abrasion resistance (volume loss)	mm³	33	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.39	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.36	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.30	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.26	# 0.22
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	31	# 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	16.5	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.5	# 14

Sample size: