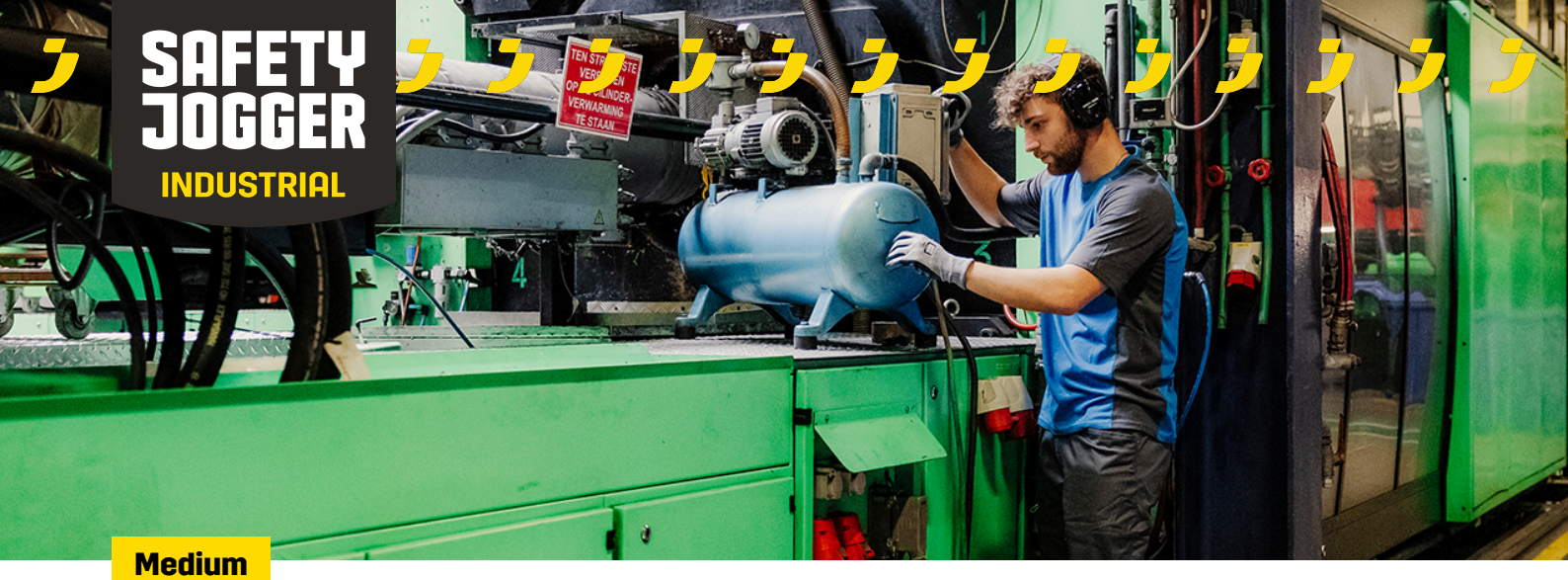
SAFETY JOGGER
INDUSTRIAL



Medium

FREEDOM S3S MID TLS

FYTS3SMTLS

High Barefoot-like Walking Safety Shoe with TLS for Challenging Environments

FREEDOM S3S MID TLS is a high barefoot-style safety shoe with TLS closure, anatomical toe cap, Tiger Grip traction, ESD protection and rugged scuff cap.

Upper	Microfiber, TPU
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Anti-Puncture Nonwoven
Outsole	ETPU/Rubber (NBR)
Toecap	Nano Carbon
Category	S3S / SR, SC, FO, HI, HRO, CI, ESD
Size range	EU 35-50 / UK 3.0-14.0 / US 3.0-15.0 JPN 21.5-33.0 / KOR 230-330
Sample weight	0.608 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

BLK

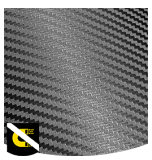
Barefoot-like walking
Anatomical toecap: barefoot-like walking for natural movement and reduced fatigue.

Tiger Grip Technology
Outsoles with Tiger Grip technology are renowned for their slip resistance, ability to withstand wear and tear and excellent traction on different surfaces, even wet and uneven ones. They are crafted with an exclusive rubber compound and engineered with specific patterns and grooves to enhance grip and stability.

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

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.

Scuff Cap (SC)
Separately tested material to cover the toe cap area to reduce abrasion of the upper material (e.g. during kneeling operations) and extend usability of the safety shoe.



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.

Industries:
Industry, Assembly, Automotive, Catering, Cleaning, Logistics, Construction

Environments:
Dry environment, Extreme slippery surfaces, 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	**Microfiber, TPU**			
	Upper: permeability to water vapor	mg/cm^2/h		≥ 0.8
	Upper: water vapor coefficient	mg/cm^2		≥ 15
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	mg/cm^2/h		≥ 2
	Lining: water vapor coefficient	mg/cm^2		≥ 20
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles		25600/12800
Outsole	**ETPU/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	mm^3		≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction		≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction		≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction		≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction		≥ 0.22
	Antistatic value	MegaOhm		0.1 - 1000
	ESD value	MegaOhm		0.1 - 100
	Heel energy absorption	J		≥ 20
Toecap	**Nano Carbon**			
	Impact resistance toecap (clearance after impact 100J)	mm		N/A
	Compression resistance toecap (clearance after compression 10kN)	mm		N/A
	Impact resistance toecap (clearance after impact 200J)	mm		≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm		≥ 14

Sample size: 42