SAFETY JOGGER INDUSTRIAL

Light

FREEDOM S1PS LOW TLS

FYTS1PSLT

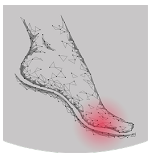
Lightweight Safety Shoes With Extra-Wide Toe and TLS

The FREEDOM S1PS LOW TLS safety shoe offers a wider toe cap, an easy TLS closure, and lightweight, breathable comfort for all-day protection.

Upper	Textile
Lining	3D-Mesh
Footbed	SJ foam footbed
Midsole	Nonwoven
Outsole	ETPU/Rubber (NBR)
Toecap	Nano Carbon
Category	S1 PS / SR, SC, ESD, HI, CI, FO, HRO
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	0.545 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

BLK

3D mesh
Three-dimensional produced distance mesh to provide increased moisture and temperature management.



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

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

Breathable upper
Increased moisture and temperature management for extended wearer comfort.

Industries:
Assembly, Automotive, Industry, Logistics

Environments:
Dry environment, Extreme slippery surfaces

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	**Textile**			
	Upper: permeability to water vapor	mg/cm^2/h	32.71	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	262	≥ 15
Lining	**3D-Mesh**			
	Lining: permeability to water vapor	mg/cm^2/h	37.07	≥ 2
	Lining: water vapor coefficient	mg/cm^2	297	≥ 20
Footbed	**SJ foam footbed**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	**ETPU/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	mm^3	114	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.47	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.45	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.35	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.32	≥ 0.22
	Antistatic value	MegaOhm	42.6	0.1 - 1000
	ESD value	MegaOhm	20	0.1 - 100
	Heel energy absorption	J	33	≥ 20
Toecap	**Nano Carbon**			
	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	23.0	≥ 14

Sample size: