SAFETY JOGGER
INDUSTRIAL



Light

FLUX S1PS SANDAL

FLUXS1PSAN

Lightweight and easy to clean metal-free sandal

FLUX S1PS SANDAL is a safety sandal for light-duty work in dry environments. It features a slip-resistant PU/PU outsole, Lorica upper, metal-free puncture-resistant midsole, lightweight nanocarbon toecap, and a durable scuff cap. Features a Velcro closure for quick and easy on-off.

Upper	Lorica
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Memory Foam Footbed (90% recycled)
Midsole	Anti-Puncture Textile
Outsole	PU/PU
Toecap	Nano Carbon
Category	S1 PS / SR, FO, ESD
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	0.502 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

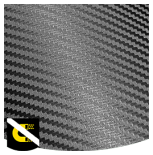


BLK



WHT





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.



Nano carbon toecap
Ultralight high-tech material, metalfree with no thermal or electrical conductivity.



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



Slip resistance (SR)
Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with oil.



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.



Lorica
Lorica is a high-performance synthetic microfiber that offers exceptional strength and durability. It repels water, oils and stains and meets strict HACCP hygiene standards.

Industries:
Assembly, Logistics, Automotive, Industry

Environments:
Dry environment, Uneven surfaces, 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	**Lorica**			
	Upper: permeability to water vapor	mg/cm^2/h	1.80	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	17	≥ 15
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	mg/cm^2/h	49.8	≥ 2
	Lining: water vapor coefficient	mg/cm^2	398.8	≥ 20
Footbed	**SJ Recycled Memory Foam Footbed (90% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	**PU/PU**			
	Outsole abrasion resistance (volume loss)	mm^3	40.9	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.49	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.48	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.30	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.25	≥ 0.22
	Antistatic value	MegaOhm	18.7	0.1 - 1000
	ESD value	MegaOhm	5.2	0.1 - 100
	Heel energy absorption	J	30	≥ 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	15.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.5	≥ 14

Sample size: 42

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