



**Light**

## FLUX S1PS SANDAL TLS

FLUXS1PSTL

**Lightweight versatile metal-free sandal with TLS closing**

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

Upper Synthetic Nubuck

Lining Recycled Mesh

Footbed SJ Memory foam footbed

Midsole Anti-puncture Textile

Outsole PU/PU

Toecap Nano Carbon

Category S1 PS / SR, SC, ESD, FO

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 0.520 kg

Norms EN ISO 20345:2022+A1:2024  
ASTM F2413:2024



### 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.



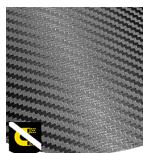
### Electrostatic Discharge (ESD)

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.



### TLS (Twist Lock System)

Safety Jogger's innovative TLS closure allows you to quickly tighten and loosen your safety footwear with one hand and under any conditions, even when you are wearing safety gloves. TLS ensures a fast, safe and easy precision fit that offers enhanced comfort and enables you to perform at your best.



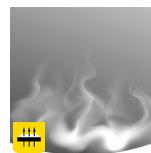
### Metal free

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.



**Industries:**

Assembly, Automotive, Industry, Logistics

**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
<b>Upper</b>	<b>Synthetic Nubuck</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	2.3	≤ 0.8
<b>Lining</b>	Upper: water vapor coefficient	mg/cm <sup>2</sup>	19.9	≥ 15
	<b>Recycled Mesh</b>			
<b>Footbed</b>	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	49.8	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	398.8	≥ 20
<b>Footbed</b>	<b>SJ Memory foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
<b>Outsole</b>	<b>PU/PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	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
<b>Toecap</b>	Heel energy absorption	J	30	≥ 20
	<b>Nano Carbon</b>			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	N/A
<b>Toecap</b>	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

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.



**HEAD-TO-TOE  
PROTECTION**



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