

# **FLOW S1P SANDAL TLS**

FLOWS1PSTL

# Metal-Free S1P Safety Sandal TLS

FLOW safety sandal with breathable perforated upper, lightweight composite toe cap and slipresistant outsole keeps feet cool, protected and agile.

Upper	Synthetic Nubuck
Lining	3D-Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	S1 P / ESD, SRC
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	0.610 kg

Norms ASTM F2413:2018 EN ISO 20345:2011





























#### 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.



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



#### Antistatic

Antistatic footwear prevents buildup of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm



# Breathable, perforated upper

Increased moisture and temperature management for extended wearer comfort in dry working environments.



# Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



## 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.







#### **Industries:**

Assembly, Automotive, Catering, 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	Synthetic Nubuck			
	Upper: permeability to water vapor	mg/cm²/h	2.2	# 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	28	# 15
Lining	3D-Mesh			
	Lining: permeability to water vapor	mg/cm²/h	61	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	490	# 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/PU			
	Outsole abrasion resistance (volume loss)	mm³	84	# 150
	Outsole slip resistance SRA: heel	friction	0.36	# 0.28
	Outsole slip resistance SRA: flat	friction	0.37	# 0.32
	Outsole slip resistance SRB: heel	friction	0.14	# 0.13
	Outsole slip resistance SRB: flat	friction	0.19	# 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	39	0.1 - 100
	Heel energy absorption	J	27	# 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	15.0	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19.0	# 14

Sample size:

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