SAFETY JOGGER
INDUSTRIAL



Light

# FLOW S1P LOW TLS

FLOWS1PLTL

**Sporty MetalFree S1P Safety Shoes TLS**

FLOW S1P LOW TLS metalfree safety shoe with composite toe cap, ESD protection, breathable mesh and TLS closure for fast, secure fit.

| | |
|---|---|
| Upper | Mesh |
| Lining | 3D-Mesh |
| Footbed | SJ Recycled Foam Footbed (96% recycled) |
| Midsole | Anti-Puncture Textile |
| Outsole | PU/PU |
| Toecap | Composite |
| Category | S1 P / SRC, ESD |
| Size range | EU 35-48 / UK 3.0-13.0 / US 3.0-13.5<br>JPN 21.5-31.5 / KOR 230-315 |
| Sample weight | 0.598 kg |
| Norms | ASTM F2413:2018<br>EN ISO 20345:2011 |



BLU



**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.

## Industries:
Assembly, Automotive, Food & beverages, Industry, Logistics

## Environments:
Dry 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** | **Mesh** | | | |
| | Upper: permeability to water vapor | mg/$cm^2$/h | 3.9 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/$cm^2$ | 41 | ≥ 15 |
| **Lining** | **3D-Mesh** | | | |
| | Lining: permeability to water vapor | mg/$cm^2$/h | 61.1 | ≥ 2 |
| | Lining: water vapor coefficient | mg/$cm^2$ | 490 | ≥ 20 |
| **Footbed** | **SJ Recycled Foam Footbed (96% recycled)** | | | |
| | Footbed: abrasion resistance (dry/wet) (cycles) | cycles | 25600/12800 | 25600/12800 |
| **Outsole** | **PU/PU** | | | |
| | Outsole abrasion resistance (volume loss) | $mm^3$ | 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: 42

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