

# **LIGERO2 S1P LOW**

LIGERO2S1P

## **Wide-Fit Breathable Safety Shoes**

LIGERO2 S1P, the ultralight safety shoe with metalfree protection, breathable comfort, slipresistant grip and durable design for light applications.

Upper	Textile
Lining	Recycled Mesh
Footbed	SJ foam footbed
Midsole	Nonwoven
Outsole	PU
Toecap	Nano Carbon
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	0.465 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011





























#### **SRC** slip resistance

Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



#### **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.



#### **Breathable upper**

Increased moisture and temperature management for extended wearer comfort.



### Nano carbon toecap

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



#### **Puncture resistant lightweight**

Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



# SJ Foam

Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.



#### **Industries:**

Assembly, Automotive, Catering, 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	$mg/_{cm^2}/h$	21.1	≥ 0.8
	Upper: water vapor coefficient	$mg/_{\mathrm{C}\mathrm{III}^2}$	169	≥ 15
Lining	Recycled Mesh			
	Lining: permeability to water vapor	mg/cm²/h	62.5	≥2
	Lining: water vapor coefficient	$mg/_{\mathrm{C}\mathrm{I}\mathrm{I}^2}$	500	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	91	≤150
	Outsole slip resistance SRA: heel	friction	0.41	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.42	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.19	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.23	≥ 0.18
	Antistatic value	Mega0hm	72.8	0.1 - 1000
	ESD value	Mega0hm	57.9	0.1 - 100
	Heel energy absorption	J	26	≥ 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	22.0	≥ 14

Sample size:

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