



Light

## LIGERO2 S1P LOW

LIGERO2S1P

**Extremely light, breathable, and metal-free safety shoe with a wide fitting**

LIGERO2 S1P is one of the lightest safety shoes on the market, fit for light applications. With an ultralight nanocarbon toe cap and non-woven textile midsole, this safety shoe offers metal-free protection. It also features a slip-resistant outsole, breathable upper and removable footbed. LIGERO2 has a wide fitting and is made of robust materials.

Upper	Textile
Lining	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	0.480 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



ORA



BLK

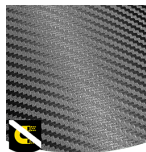


NAV



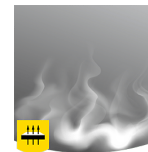
### SRC slip resistance

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.



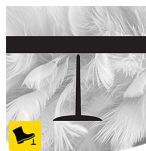
### Breathable upper

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.

**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
<b>Upper</b>	<b>Textile</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	21.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	169	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	62.5	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	500	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Outsole</b>	<b>PU</b>			
	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	MegaOhm	72.8	0.1 - 1000
	ESD value	MegaOhm	57.9	0.1 - 100
	Heel energy absorption	J	26	≥ 20
<b>Toecap</b>	<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
	Impact resistance toecap (clearance after impact 200J)	mm	16.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.0	≥ 14

Sample size: 42

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