



Light

## LOBI S1P LOW TLS S1 PS

LOBIS1PLT

### Wide-fitting trainer like safety shoe

Light like space, strong like a rock. Our lightweight LOBI S1P safety shoes feature ESD, a composite toe cap and textile puncture-resistant midsole, making them completely metal free. They have a slip-resistant rubber outsole that also resists oil, fuel, chemicals, and extreme temperatures. LOBI S1P has a wide fitting and features our TLS closure.

Upper	Synthetic
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Phylon/Rubber
Toecap	Composite
Category	S1 PS / SR, ESD, FO, HRO
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	0.525 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



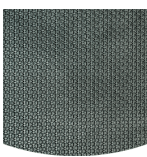
ORA



BLK



GRN



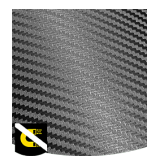
### Rubber outsole

Rubber outsoles provide versatile functions that make them suitable for many areas of application: excellent cut resistance, heat and cold resistance, high flexibility at cold temperatures, resistance against oil, fuel and many chemicals.



### Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



### 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.



### Slip resistance (SR)

Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with oil.



### Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.

**Industries:**

Assembly, Automotive, Industry, Logistics

**Environments:**

Dry environment, Uneven 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</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	1.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	21	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	34.59	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	277	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
<b>Outsole</b>	<b>Phylon/Rubber</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	119.4mm <sup>3</sup> (Density:1.3)	≤ 150
	Outsole slip resistance SRA: heel	friction	0.32	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.40	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.18	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.21	≥ 0.18
	Antistatic value	MegaOhm	215	0.1 - 1000
	ESD value	MegaOhm	75	0.1 - 100
	Heel energy absorption	J	25	≥ 20
<b>Toecap</b>	<b>Composite</b>			
	Impact resistance toecap (clearance after impact 100J)	mm	NA	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	NA	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	16	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	17	≥ 14

Sample size: 42

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