

# FORZA S1P

### Athletic safety sandal with velcro straps

Textile Upper Footbed SJ foam footbed Midsole Anti-puncture Textile PU/PU Outsole Composite Toecap Safety standard S1P / ESD, SRC Size range EU 36-47 / UK 3.5-12.0 US 4.0-13.0 / CM 23.5-31.0 Sample weight 0.610 kg EN ISO 20345:2011 Norms ASTM F2413:2018

























### Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



### SJ Flex

Metalfree puncture resistant material, which is lighter and more flexible than steel. The material is not thermal conductive. Covers 100% of the surface of the last bottom.



### 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.



You work in dry environments, no risk of water/liquid sprays, and you need protection for your toes, protection against perforation, and a good breathability? Then you need S1P safety footwear.



### **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.





### **Industries:**

Automotive, Construction, Logistics, Industry

### **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	Textile			
	Upper: permeability to water vapor	mg/cm²/h	3.9	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	31.7	≥ 15
Footbed	SJ foam footbed			
	Footbed: abrasion resistance	cycles	400	≥ 400
Outsole	PU/PU			
	Outsole abrasion resistance (volume loss)	mm³	49	≤ 150
	Outsole slip resistance SRA: heel	friction	0.38	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.38	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.16	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.19	≥ 0.18
	Antistatic value	MegaOhm	NA	0.1 - 1000
	ESD value	MegaOhm	90	0.1 - 100
	Heel energy absorption	J	28	≥ 20
Тоесар	Composite			
	Impact resistance toecap (clearance after impact 100J)	mm	NA	NA
	Compression resistance toecap (clearance after compression 10kN)	mm	NA	NA
	Impact resistance toecap (clearance after impact 200J)	mm	14.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	20.0	≥ 14

Sample size: 41

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