

# FITZ S1

## Breathable, lightweight and low-cut S1 safety shoe

Fitz is one of the most breathable safety shoes that you can put on your feet, specifically designed to ensure long-lasting comfort in hot working conditions.

Upper	Knitted Textile
Lining	Mesh
Footbed	SJ foam footbed
Midsole	N/A
Outsole	BASF PU/ BASF PU
Тоесар	Steel
Category	S1 SRC
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31.0 / KOR 230-310
Sample weight	0.595 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011 BIS 15298 ( Part 2 ) : 2016























#### Oil & fuel resistant

The outsole is resistant against oil and fuel.



#### Breathable upper

Increased moisture and temperature management for extended wearer comfort.



## Steel toecap

Robust metal support to protect the feet of the wearer against falling or rolling objects.



### Self-cleaning outsole

Self-cleaning outsoles are designed to reduce clogging of the profile.



## 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.



#### **Industries:**

Automotive, Construction, 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	Knitted Textile					
	Upper: permeability to water vapor	mg/cm²/h	37	≥ 0.8		
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	88	≥ 15		
Lining	Mesh					
	Lining: permeability to water vapor	mg/cm²/h	54	≥ 2		
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	288	≥ 20		
Footbed	SJ foam footbed					
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800		
Outsole	BASF PU/ BASF PU					
	Outsole abrasion resistance (volume loss)	mm³	91	Class II Shoe&Density <=0.9g/cm³, <=250mm³, Density >0.9g/cm³, <=150mm³		
	Outsole slip resistance SRA: heel	friction	0.47	≥ 0.28		
	Outsole slip resistance SRA: flat	friction	0.51	≥ 0.32		
	Outsole slip resistance SRB: heel	friction	0.20	≥ 0.13		
	Outsole slip resistance SRB: flat	friction	0.24	≥ 0.18		
	Antistatic value	MegaOhm	408	0.1 - 1000		
	ESD value	MegaOhm	N/A	≤ 100		
	Heel energy absorption	J	29	≥ 20		
Toecap	Steel					
	Impact resistance toecap (clearance after impact 200J)	mm	17.5	≥ 14		
	Compression resistance toecap (clearance after compression 15kN)	mm	19	≥ 14		

Sample size: 42

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