

FITSTAR S1

Durable, light yet comfortable safety shoe

The Fitstar safety shoe is a very lightweight, stylish safety shoe with excellent comfort thanks to its unique customizable fit. The breathable upper material and lightweight insole ensure that Fitstar offers the best quality ventilation to keep your feet dry and cool all day long.

Upper	Leather
Lining	Mesh
Footbed	SJ Eco
Midsole	N/A
Outsole	PU
Тоесар	Steel
Category	S1 / SR FO
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.490 kg
Norms	IS 15298 (Part 2): 2024 EN ISO 20345:2022+A1:2024 ASTM F2413:2024



BLK

















Oil & fuel resistant

The outsole is resistant against oil and fuel.



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.



Removable insole

Renew your insole at a regular base or use your own orthopedic insoles for a higher comfort.



Steel toecap

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



Industries:

Automotive, Cleaning, Logistics, Catering, Industry, Assembly

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	Leather			
	Upper: permeability to water vapor	mg/cm²/h	2.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	25	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	54	≥ 2
	Lining: water vapor coefficient	mg/cm²	288	≥ 20
Footbed	SJEco			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU			
	Outsole abrasion resistance (volume loss)	mm³	91	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.43	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.42	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.24	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.24	≥ 0.22
	Antistatic value	MegaOhm	408	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	29	≥ 20
Toecap	Steel			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	≥ 14
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	≥ 14
	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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