

# **BESTKNIT S1P**

BSTKNITS1P

# Modern safety trainer for women with textile upper and steel protection

Ideal for logistics, assembly, automotive, and light industries, the BESTKNIT low-cut women's safety shoe offers S1P protection, ESD compliance, ladder grip and excellent slip resistance. Designed for fast-paced environments where comfort fuels performance, its knitted design enhances both breathability and flexibility.

Upper	TPU, Textile
Lining	Textile
Footbed	SJ foam footbed
Midsole	Steel
Outsole	PU/PU
Тоесар	Steel
Category	S1P / SR, LG, ESD, FO
Size range	EU 35-43 / UK 3.0-9.0 / US 5.5-11.5 JPN 21.5-27 / KOR 230-280
Sample weight	0.470 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024

























# Breathable upper

Increased moisture and temperature management for extended wearer comfort.



### Ladder Grip (LG)

Especially defined contour in the shank area of a safety shoe to provide additional safety while standing on ladders.



#### S1F

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.



#### SJ Foam

Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.



#### Electrostatic Discharge (ESD)

ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.



#### Oil & fuel resistant

The outsole is resistant against oil and fuel.





#### **Industries:**

Assembly, Automotive, 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
Upper	TPU, Textile			
	Upper: permeability to water vapor	mg/cm²/h	11.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	90.0	≥ 15
Lining	Textile			
	Lining: permeability to water vapor	mg/cm²/h	11.7	≥ 2
	Lining: water vapor coefficient	mg/cm²	94.2	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	PU/PU			
	Outsole abrasion resistance (volume loss)	mm³	29.9	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.40	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.43	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.20	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.27	≥ 0.22
	Antistatic value	MegaOhm	13.2	0.1 - 1000
	ESD value	MegaOhm	18	0.1 - 100
	Heel energy absorption	J	31	≥ 20
Toecap	Steel			
	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	15.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	20.5	≥ 14

Sample size:

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