

# JUMPER31 S3S

## Non-Slip S3 Work Shoes

JUMPER31 safety shoes are lightweight, metalfree and slipresistant, with antistatic protection, puncture resistance, breathable comfort and S3 safety.

Upper	Suede Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	BASF PU
Toecap	Composite
Category	S3S / SR, SC, CI, FO
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	0.600 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024



























#### S3

S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



# 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.



# 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.



### Breathable upper

Increased moisture and temperature management for extended wearer comfort.



### Antistatic

Antistatic footwear prevents buildup of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm







#### **Industries:**

Automotive, Construction, Logistics, Industry

## **Environments:**

Dry environment, Uneven surfaces, Wet environment, Muddy 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	Suede Leather			
	Upper: permeability to water vapor	mg/cm²/h	9.35	# 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	79	# 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	49.8	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	398.8	# 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	BASF PU			
	Outsole abrasion resistance (volume loss)	mm³	77	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.32	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.38	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.20	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.24	# 0.22
	Antistatic value	MegaOhm	79.3	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	37	# 20
Тоесар	Composite			
	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	23.0	# 14

Sample size:

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