

# **AZUMA**

Light like space, strong like a rock. That is what sums up these lightweight safety shoes the best. Packed with ESD, heel energy absorption, a toe cap, and a slip-resistant outsole, our AZUMA safety sneakers ensure maximum protection. Azuma has an extra wide fitting and is perfect for light applications in dry environments.

Upper	Mesh
Lining	Mesh
Footbed	SJ foam footbed
Midsole	N/A
Outsole	Phylon/Rubber (NBR)
Тоесар	Plastic
Category	SR, ESD, 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	0.365 kg





















# **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.



# **Heel energy absorption**

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



# **Puncture resistant lightweight**

Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



#### Removable insole

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



# Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity





#### **Industries:**

Catering, Food & beverages

# **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	
Upper	Mesh			
	Upper: permeability to water vapor	mg/cm²/h	N/A	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	N/A	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	N/A	≥ 2
	Lining: water vapor coefficient	mg/cm²	N/A	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	N/A	25600/12800
Outsole	Phylon/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm³	119.4mm³(Density:1.3)	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.48	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.48	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.36	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.36	≥ 0.22
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	25	0.1 - 100
	Heel energy absorption	J	N/A	≥ 20
Тоесар	Plastic			
	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	N/A	N/A
	Compression resistance toecap (clearance after compression 15kN)	mm	N/A	N/A

Sample size: 42

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