

# **ULTIMA S3**

# Heavy duty mid-cut safety shoe with Coolmax® lining

Upper	Pull-up Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/Rubber
Тоесар	Composite
Safety standard	S3 / ESD, HRO, SRC
Size range	EU 36-48 / UK 3.5-13.0 / US 4.0-13.5 JPN 22.5-31.5 / KOR 235-315
Sample weight	0.935 kg
Norms	EN ISO 20345:2011 ASTM F2413:2018



























#### Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



# **Composite toecap**

Metalfree and lightweight, no thermal or electrical conductivity



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.



#### SRC slip resistance

Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



### 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.



### **Industries:**

Automotive, Chemical, Construction, Logistics, Mining, Oil & Gas, Industry, Tactical

## **Environments:**

Muddy environment, Uneven surfaces, Warm surfaces, Wet 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	Pull-up Leather			
	Upper: permeability to water vapor	mg/cm²/h	5.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	44.5	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	57.2	≥ 2
	Lining: water vapor coefficient	mg/cm²	458.3	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/Rubber			
	Outsole abrasion resistance (volume loss)	mm³	122.5	≤ 150
	Outsole slip resistance SRA: heel	friction	0.30	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.33	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.17	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.23	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	16.7	0.1 - 100
	Heel energy absorption	J	46	≥ 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	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19.5	≥ 14

Sample size: 42

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