

# **MANAGER S3**

#### Elegant safety shoe with exceptional protection

Upper	Nappa Action Leather
Lining	Cambrella
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/PU
Тоесар	Composite
Safety standard	S3 / ESD, SRC
Size range	EU 38-47 / UK 5.0-12.0 US 5.5-13.0 / CM 25.0-31.0
Sample weight	0.595 kg
Norms	EN ISO 20345:2011 ASTM F2413:2018

























Oil & fuel resistant

The outsole is resistant against oil and fuel.



### 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.



#### 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.



# 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, Catering, Cleaning, Construction, Food & beverages, Logistics, Industry, Uniform

#### **Environments:**

Dry environment, 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	Nappa Action Leather					
	Upper: permeability to water vapor	mg/cm²/h	1.2	≥ 0.8		
	Upper: water vapor coefficient	mg/cm²	21.8	≥ 15		
Lining	Cambrella					
	Lining: permeability to water vapor	mg/cm²/h	37.2	≥ 2		
	Lining: water vapor coefficient	mg/cm²	298.6	≥ 20		
Footbed	SJ foam footbed					
	Footbed: abrasion resistance	cycles	400	≥ 400		
Outsole	PU/PU					
	Outsole abrasion resistance (volume loss)	mm³	110	≤ 150		
	Outsole slip resistance SRA: heel	friction	0.48	≥ 0.28		
	Outsole slip resistance SRA: flat	friction	0.44	≥ 0.32		
	Outsole slip resistance SRB: heel	friction	0.13	≥ 0.13		
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18		
	Antistatic value	MegaOhm	NA	0.1 - 1000		
	ESD value	MegaOhm	17.0	0.1 - 100		
	Heel energy absorption	J	35	≥ 20		
Toecap	Composite					
	Impact resistance toecap (clearance after impact 100J)	mm	NA	NA		
	Compression resistance toecap (clearance after compression 10kN)	mm	NA	NA		
	Impact resistance toecap (clearance after impact 200J)	mm	18.5	≥ 14		
	Compression resistance toecap (clearance after compression 15kN)	mm	18.0	≥ 14		

Sample size: 42

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