



Medium

RENA S3

The comfortable all-round safety shoe

Surround yourself with comfort and protection wearing the RENA in all conditions. This safety shoe with a rubber outsole has the highest resistance to chemicals, heat, hydrocarbons, acids, and hydrolysis.

Upper	Barton Action Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	Rubber (NBR)
Toecap	Steel
Category	S3 / SR, HI, CI, FO, HRO
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.670 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



BLK



Heat resistant outsole (HRO)
The outsole resists high temperatures up to 300°C.



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.



Steel midsole
Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.



Steel toecap
Robust metal support to protect the feet of the wearer against falling or rolling objects.



Water resistant Upper (WRU)
Prevents penetration of water if not permanently exposed to high levels.

Industries:

Automotive, Chemical, Cleaning, Food & beverages, Logistics, Oil & Gas

Environments:

Cold environment, Extreme slippery surfaces, Warm 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	Barton Action Leather			
	Upper: permeability to water vapor	mg/cm ² /h	0.92	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	15.0	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	59.9	≥ 2
	Lining: water vapor coefficient	mg/cm ²	480	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm ³	92	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.40	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.42	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.32	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.34	≥ 0.22
	Antistatic value	MegaOhm	20.5	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	32.0	≥ 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	19.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.5	≥ 14

Sample size: 42

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