

CALDERA S7S

CALDERAS7S

Waterproof full leather rigger boot

The Safety Jogger CALDERA S7S waterproof rigger boot with rubber outsole is heat-resistant, metal-free, and designed for harsh environments.

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Upper	Crazy Horse Leather
Lining	Membrane
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Rubber (NBR), BASF PU
Toecap	Nano Carbon
Category	S7S / SR, SC, LG, ESD (\leq 100 M Ω), HI, CI, FO, HRO
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	0.860 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024























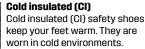














Electrostatic Discharge (ESD)

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.



Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



Ladder Grip (LG)

Especially defined contour in the shank area of a safety shoe to provide additional safety while standing on ladders.



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.



Nano carbon toecap

Ultralight high-tech material, metalfree with no thermal or electrical conductivity.







Industries:

Chemical, Construction, Industry, Mining, Oil & Gas

Environments:

Cold environment, Extreme slippery surfaces, 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	Crazy Horse Leather			
	Upper: permeability to water vapor	mg/cm²/h		≥ 0.8
	Upper: water vapor coefficient	$mg/_{Cm^2}$		≥ 15
Lining	Membrane			
	Lining: permeability to water vapor	mg/cm²/h		≥2
	Lining: water vapor coefficient	$mg/_{\mathrm{Cm}^2}$		≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles		25600/12800
Outsole	Rubber (NBR), BASF PU			
	Outsole abrasion resistance (volume loss)	mm ³		≤150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction		≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction		≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction		≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction		≥ 0.22
	Antistatic value	Mega0hm		0.1 - 1000
	ESD value	Mega0hm		0.1 - 100
	Heel energy absorption	J		≥ 20
Toecap	Nano Carbon			
	Impact resistance toecap (clearance after impact 100J)	mm		N/A
	Compression resistance toecap (clearance after compression 10kN)	mm		N/A
	Impact resistance toecap (clearance after impact 200J)	mm		≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm		≥ 14

Sample size: 42

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