SAFETY JOGGER
INDUSTRIAL



Heavy

CALDERA S7S

CALDERAS7S

Waterproof Leather Rigger Boot

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



BRN

CO_2
14.72 kg

Upper	Crazy Horse Leather
Lining	Recycled Mesh (100% recycled), Membrane
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Anti-Puncture Textile
Outsole	Rubber (NBR), BASF PU
Toecap	Nano Carbon
Category	S7S / SR, SC, LG, FO, HI, HRO, CI, ESD
Size range	EU 35-50 / UK 3.0-14.0 / US 3.0-15.0 JPN 21.5-33.0 / KOR 230-330
Sample weight	0.860 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024





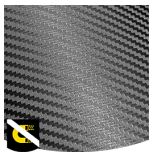
Electrostatic Discharge (ESD)
ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.



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.



Waterproof (WR)
Waterproof footwear prevents liquids to enter into the shoe.

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.

Test results:

	Description	EN ISO 20345	Result	Measure unit
Upper	**Crazy Horse Leather**			
	Upper: permeability to water vapor	≥ 0.8	5.16	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	46	mg/cm^2
Lining	**Recycled Mesh (100% recycled), Membrane**			
	Lining: permeability to water vapor	≥ 2	4.9	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	41	mg/cm^2
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	Dry 25600 cycles/Wet 12800 cycles	cycles
Outsole	**Rubber (NBR), BASF PU**			
	Outsole abrasion resistance (volume loss)	≤ 150	116	mm^3
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	≥ 0.31	0.45	friction
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	≥ 0.36	0.47	friction
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	≥ 0.19	0.28	friction
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	≥ 0.22	0.32	friction
	Antistatic value	0.1 - 1000	12.4	MegaOhm
	ESD value	0.1 - 100	40	MegaOhm
	Heel energy absorption	≥ 20	38	J
Toecap	**Nano Carbon**			
	Impact resistance toecap (clearance after impact 100J)	N/A	N/A	mm
	Compression resistance toecap (clearance after compression 10kN)	N/A	N/A	mm
	Impact resistance toecap (clearance after impact 200J)	≥ 14	16.0	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	21.0	mm

Sample size: 42

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.

Carbon footprint:

	Description	Result	Measure unit
CO2 emission			
	Material	12.45	kg
	Packing	0.12	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		14.72 kg CO2/pair	

	Description	Result
Recycled content		
	Product	5%
	Packing	99%

CO2 calculation:
Values are rounded to two decimals.
These analyses are performed using our in-house environmental calculators, developed within the Cortina Group. The CO2 values are valid at the time of calculation and may be subject to change.