SAFETY JOGGER
INDUSTRIAL



Heavy

X430 S7S

Waterproof Safety Shoes With Heat-Resistant Outsole

X430 waterproof work boots are slipresistant, ESDsafe, and insulated against heat and cold, delivering reliable protection with lasting comfort.

Upper	Leather
Lining	Membrane
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Anti-Puncture Textile
Outsole	PU/Rubber (NBR)
Toecap	Composite
Category	S7S / SR, SC, FO, HI, HRO, CI, ESD
Size range	EU 36-50 / UK 3.5-14.0 / US 4.0-15.0 JPN 22.5-33.0 / KOR 235-330
Sample weight	0.792 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024



BLK

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

DGUV BGR 191
These shoes are suitable for orthopedic insoles and orthopedic alterations. Certified according to BGR 191.

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

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.

Cold insulated (CI)
Cold insulated (CI) safety shoes keep your feet warm. They are worn in cold environments.

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.

Industries:
Construction, Automotive, Chemical, Cleaning, Logistics, Mining, Oil & Gas

Environments:
Dry environment, 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	**Leather**			
	Upper: permeability to water vapor	mg/cm^2/h	7.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	64	≥ 15
Lining	**Membrane**			
	Lining: permeability to water vapor	mg/cm^2/h	2.4	≥ 2
	Lining: water vapor coefficient	mg/cm^2	23	≥ 20
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	**PU/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	mm^3	110	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.47	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.50	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.20	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.26	≥ 0.22
	Antistatic value	MegaOhm	3.6	0.1 - 1000
	ESD value	MegaOhm	52	0.1 - 100
	Heel energy absorption	J	31	≥ 20
Toecap	**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	18.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.0	≥ 14

Sample size: 42

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