SAFETY JOGGER
INDUSTRIAL

Heavy

X430 EH SB

X430EH

Waterproof Safety Shoes With EH Protection

X430EH work boots deliver EH protection to guard against electrical hazards, cold insulation to keep feet warm, and waterproof comfort for dry wear.

Upper	Leather
Lining	Membrane
Footbed	SJ foam footbed
Midsole	Textile
Outsole	PU/Rubber (NBR)
Toecap	Composite
Category	SB / PS, SR, SC, WR, E, HI, CI, FO, HRO
Size range	EU 36-48 / UK 3.5-13.0 / US 4.0-13.5 JPN 22.5-31.5 / KOR 235-315
Sample weight	0.790 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

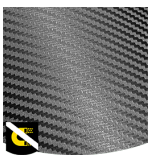
BLK

Electrical hazard (EH)
Electrical hazard (EH) rated safety shoes have nonconductive outsoles. As a secondary source of protection they reduce the potential for electric shocks under dry conditions.

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

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

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.

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.

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

Environments:
Dry environment, Wet environment, Warm surfaces, Uneven 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	**Leather**			
	Upper: permeability to water vapor	mg/cm^2/h	4.84	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	45	≥ 15
Lining	**Membrane**			
	Lining: permeability to water vapor	mg/cm^2/h	2.6	≥ 2
	Lining: water vapor coefficient	mg/cm^2	24.3	≥ 20
Footbed	**SJ foam footbed**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	**PU/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	mm^3	85	≤ 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	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	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	19.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.5	≥ 14

Sample size: