

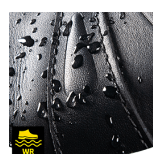
Heavy

## X430 S3

**Waterproof mid-cut safety shoe with heat-resistant outsole**

The X430 safety shoes deliver unparalleled protection and comfort. Waterproof, high-temperature resistant, cold insulated, electrostatic discharge feature, and SR slip resistance.

Upper	Leather
Lining	Membrane
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/Rubber (NBR)
Toecap	Composite
Category	S3 / ESD, SRC, WR, CI, HRO
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	0.780 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



### Waterproof (WR)

Waterproof footwear prevents liquids to enter into the shoe.



### DGVU 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.



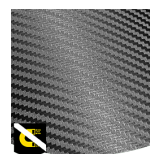
### Electrostatic Discharge (ESD)

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.



BLK

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/cm²/h	7.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	64	≥ 15
Lining	Membrane			
	Lining: permeability to water vapor	mg/cm²/h	2.4	≥ 2
	Lining: water vapor coefficient	mg/cm²	23	≥ 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)	mm³	75	≤ 150
	Outsole slip resistance SRA: heel	friction	0.36	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.44	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.14	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.19	≥ 0.18
	Antistatic value	MegaOhm	16.4	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	18.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21	≥ 14

Sample size: 42

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