

# **X330 EH SB**

#### Low-cut safety shoe with heat-resistant outsole and EH feature

The X330EH low-cut safety shoe by Safety Jogger offers EH protection, SR slip resistance, heat resistance, and optimal comfort with its SJ Foam footbed. Ideal for various industries and waterproof, it keeps your feet dry and safe.

Upper	Leather			
Lining	Membrane			
Footbed	SJ foam footbed			
Midsole	Anti-puncture Textile			
Outsole	PU/Rubber			
Тоесар	Composite			
Category	SB / P (Composite), WR, E, CI, FO, HRO, SRC			
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	0.730 kg			
Norms	ASTM F2413:2018 EN ISO 20345:2011			



























# 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.



# **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.



#### 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.



## Waterproof (WR)

Waterproof footwear prevents liquids to enter into the shoe.



# 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.



### **DGUV BGR 191**

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





#### **Industries:**

Automotive, Catering, Cleaning, Construction, Food & beverages, Logistics, Mining, Oil & Gas, Industry

#### **Environments:**

Wet environment, Muddy environment, Warm surfaces, Dry environment, 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/cm²/h	4.84	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	45	≥ 15
Lining	Membrane			
	Lining: permeability to water vapor	mg/cm²/h	2.6	≥ 2
	Lining: water vapor coefficient	mg/cm²	24.3	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/Rubber			
	Outsole abrasion resistance (volume loss)	mm³	85	≤ 150
	Outsole slip resistance SRA: heel	friction	0.36	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.42	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.15	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.24	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	34	≥ 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	17.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.5	≥ 14

Sample size: 42

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