

# **X2000 S3**

#### **Steel Toe Non-Slip Work Boots**

X2000 safety shoes feature SR slip resistance, robust steel toecap, antistatic features, puncture resistance, waterresistant comfort and posture support.

Upper	Suede Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	PU
Toecap	Steel
Category	S3 / SR, SC, CI, FO
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	0.654 kg

ASTM F2413:2018 Norms

EN ISO 20345:2022+A1:2024



























#### Antistatic

Antistatic footwear prevents buildup of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm



#### 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.



### Water resistant Upper (WRU)

Prevents penetration of water if not permanently exposed to high levels.



#### Steel toecap

Robust metal support to protect the feet of the wearer against falling or rolling objects.



#### Steel midsole

Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.



S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.







#### **Industries:**

Automotive, Cleaning, Construction, Food & beverages, Logistics, Industry

#### **Environments:**

Dry environment, Uneven 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	Suede Leather			
	Upper: permeability to water vapor	mg/cm²/h	4.07	# 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	33	# 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	86.31	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	691	# 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU			
	Outsole abrasion resistance (volume loss)	mm³	77	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.33	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.39	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.24	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.24	# 0.22
	Antistatic value	MegaOhm	58.0	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	35	# 20
Toecap	Steel			
	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	16.0	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	24.0	# 14

Sample size:

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