

Medium

## X1110 S3S

### Low-Cut Leather Safety Shoes

X1110 keeps your feet dry, cool and supported in harsh, wet or oily environments with slip resistance, a metal-free toecap and puncture-resistant comfort.

Upper	Nappa Action Leather
Lining	Cambrella
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/PU
Toecap	Composite
Category	S3S / SR, CI, FO
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.653 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



BLK



#### S3

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.



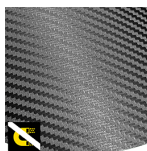
#### Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



#### SJ Flex

Metalfree puncture resistant material, which is lighter and more flexible than steel. The material is not thermal conductive. Covers 100% of the surface of the last bottom.



#### 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.



#### Oil & fuel resistant

The outsole is resistant against oil and fuel.



#### SRA slip resistance

Slip resistance is one of the most important features of safety and occupational footwear. SRA slip resistant soles are tested on a ceramic tile with dilute soap solution.

**Industries:**  
Automotive, Cleaning, Construction, Logistics, Mining, Oil & Gas, Industry, Uniform

**Environments:**  
Dry environment, Muddy 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	<b>Nappa Action Leather</b>			
	Upper: permeability to water vapor	mg/cm²/h	2.86	# 0.8
	Upper: water vapor coefficient	mg/cm²	30	# 15
Lining	<b>Cambrella</b>			
	Lining: permeability to water vapor	mg/cm²/h	26.68	# 2
	Lining: water vapor coefficient	mg/cm²	214	# 20
Footbed	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	<b>PU/PU</b>			
	Outsole abrasion resistance (volume loss)	mm³	33	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.39	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.38	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.29	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.27	# 0.22
	Antistatic value	MegaOhm	188.6	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	24	# 20
Toecap	<b>Composite</b>			
	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	17.0	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.5	# 14

Sample size:

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HEAD-TO-TOE  
PROTECTION



Proudly ranked in the  
top 1% by EcoVadis  
for sustainability.



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