



Medium

## X200031 S3

### Original high-cut safety shoes

The X200031 high-cut safety shoes offer top-tier protection with SR slip resistance, steel toecap and midsole, and S3 standard. They ensure comfort and versatility across industries.

Upper	Suede Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	BASF PU
Toecap	Steel
Category	S3 / 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	0.654 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



LBR



**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.



**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.



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



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



**Breathable leather upper**  
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.

**Industries:**

Automotive, Cleaning, Construction, Food &amp; beverages, Industry

**Environments:**

Uneven surfaces, Dry 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
<b>Upper</b>	<b>Suede Leather</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	11.7	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	101.6	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	86.9	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	695.4	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Outsole</b>	<b>BASF PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	43	≤ 150
	Outsole slip resistance SRA: heel	friction	0.32	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.32	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.16	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	54.2	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	33	≥ 20
<b>Toecap</b>	<b>Steel</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	14.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	16.5	≥ 14

Sample size: 42

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