



XPLORE S3S

Water repellent leather safety shoe

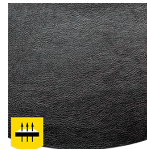
Upper	Suede Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/Rubber
Toecap	Composite
Category	S3S / SR, FO, HRO
Size range	EU 38-47 / UK 5.0-12.0 / US 5.5-13.0 JPN 24-31 / KOR 250-310
Sample weight	0.770 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



032



Heat resistant outsole (HRO)
The outsole resists high temperatures up to 300°C.



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



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.



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.

Industries:

Automotive, Construction, Food & beverages, Logistics, Industry

Environments:

Warm surfaces, 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
Upper	Suede Leather			
	Upper: permeability to water vapor	mg/cm ² /h	8.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	69.7	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	67.6	≥ 2
	Lining: water vapor coefficient	mg/cm ²	541	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/Rubber			
	Outsole abrasion resistance (volume loss)	mm ³	98.8	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.51	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.47	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.23	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.22	≥ 0.22
	Antistatic value	MegaOhm	24.3	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	46	≥ 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	17.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	20.0	≥ 14

Sample size: 42

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