



Heavy

ALTAR S3 HIGH S3S

ALTARS3HI

Multi purpose comfortable high-cut zip boot

Safety Jogger's ALTAR S3 HIGH are high-cut, multi-purpose safety boots with a zipper, offering superior protection and comfort. Features include SR slip resistance, heat resistance, and metal-free composite toecap.

Upper	Crazy Horse Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/Rubber (NBR)
Toecap	Composite
Category	S3S / SR, SC, LG, ESD, HI, CI, FO, HRO
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	0.860 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



CAM



BLK



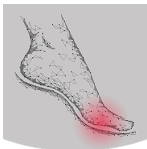
3D mesh
Three-dimensional produced distance mesh to provide increased moisture and temperature management.



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



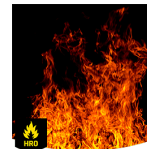
Composite toecap
Metalfree and lightweight, no thermal or electrical conductivity



Forefoot energy absorption
Forefoot energy absorption reduces the impact of jumps or running on the body of the wearer.



Heel energy absorption
Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



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

Industries:

Construction, Logistics, Mining, Industry

Environments:

Dry environment, Extreme slippery surfaces, Muddy environment, Uneven surfaces, Warm 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	Crazy Horse Leather			
	Upper: permeability to water vapor	mg/cm ² /h	7.8	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	68	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	54.48	≥ 2
	Lining: water vapor coefficient	mg/cm ²	436	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm ³	91	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.41	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.37	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.28	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.25	≥ 0.22
	Antistatic value	MegaOhm	65	0.1 - 1000
	ESD value	MegaOhm	65	0.1 - 100
	Heel energy absorption	J	33	≥ 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	21.5	≥ 14

Sample size: 42

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