

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	Abrasion Resistant Leather, Pull-up Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/Rubber (NBR)
Тоесар	Composite
Category	S3S / SR, SC, LG, ESD, 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	0.853 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022

































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	Abrasion Resistant Leather, Pull-up Leather					
	Upper: permeability to water vapor	mg/cm²/h	7.8	≥ 0.8		
	Upper: water vapor coefficient	mg/cm²	68	≥ 15		
Lining	Mesh					
	Lining: permeability to water vapor	mg/cm²/h	54.48	≥ 2		
	Lining: water vapor coefficient	mg/cm²	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)	mm³	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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