



Heavy

ALTAR S3 MID S3S

ALTARS3MID

Multi purpose comfortable mid-cut zip boot

Safety Jogger ALTAR S3 mid-cut boots offer ultimate protection and comfort. They feature SR slip resistance, heat-resistant outsole, composite toecap, metal-free design, water-resistant leather upper, a zipper and non-marking rubber outsole.

Upper	Abrasion Resistant Leather, Pull-up Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Rubber
Toecap	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	0.804 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



SND



CAM



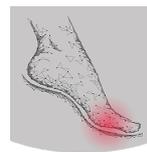
Breathable leather upper

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.



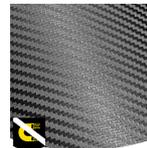
Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



Heel energy absorption

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



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.

Industries:

Construction, Industry, Logistics, Mining

Environments:

Dry environment, Muddy environment, Extreme slippery surfaces, Warm surfaces, Uneven surfaces, Cold environment, 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/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	Rubber			
	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	11.2	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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