



Light

AAK S1P LOW S1 PS

AAKS1PLOW

Comfortable wide-fitting sneaker style

The AAK S1P safety shoes are metal-free and feature a puncture-resistant midsole, a composite toe cap, ESD, and a slip-resistant outsole. Extra-wide fit for comfort in light, dry environments.

Upper	Synthetic, Textile
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Phylon/Rubber (NBR)
Toecap	Composite
Category	S1 PS / SR, ESD, FO, HRO
Size range	EU 35-48 / UK 3.0-13.0 / US 3.0-13.5 JPN 21.5-31.5 / KOR 230-315
Sample weight	0.490 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



BLU



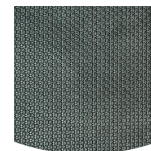
Removable insole

Renew your insole at a regular base or use your own orthopedic insoles for a higher comfort.



Slip resistance (SR)

Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with oil.



Rubber outsole

Rubber outsoles provide versatile functions that make them suitable for many areas of application: excellent cut resistance, heat and cold resistance, high flexibility at cold temperatures, resistance against oil, fuel and many chemicals.



Puncture resistant lightweight

Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity

Industries:

Assembly, Automotive, Industry, Logistics

Environments:

Dry environment, Uneven surfaces

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	Synthetic, Textile			
	Upper: permeability to water vapor	mg/cm ² /h	1.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	21	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	34.59	≥ 2
	Lining: water vapor coefficient	mg/cm ²	277	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	Phylon/Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm ³	119.4mm ³ (Density:1.3)	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.48	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.48	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.36	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.36	≥ 0.22
	Antistatic value	MegaOhm	650	0.1 - 1000
	ESD value	MegaOhm	75	0.1 - 100
	Heel energy absorption	J	25	≥ 20
Toecap	Composite			
	Impact resistance toecap (clearance after impact 100J)	mm	NA	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	NA	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.0	≥ 14

Sample size: 42

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