

# **ASAMA S3S MID TLS**

ASAMAS3MTL

## Lightweight Safety Shoe TLS

Safety Jogger ASAMA S3S shoes deliver comfort and safety. TLS fit, breathable, ESD, and puncture resistance keep your feet protected and strain-free.

Upper	Synthetic, Textile
Lining	Recycled Mesh
Footbed	SJ Memory foam footbed
Midsole	Anti-puncture Textile
Outsole	Phylon/Rubber (NBR)
Toecap	Composite
Category	S3S / SR, ESD, HI, CI, FO, HRO
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310

Sample weight 0.550 kg

ASTM F2413:2018 Norms

EN ISO 20345:2022+A1:2024































#### TLS (Twist Lock System)

Safety Jogger's innovative TLS closure allows you to quickly tighten and loosen your safety footwear with one hand and under any conditions, even when you are wearing safety gloves. TLS ensures a fast, safe and easy precision fit that offers enhanced comfort and enables you to perform at your best.



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.



#### Electrostatic Discharge (ESD)

ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.



#### 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.



#### Oil & fuel resistant

The outsole is resistant against oil and fuel.



#### 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



#### **Industries:**

Assembly, Automotive, Industry, Logistics, Uniform

### **Environments:**

Dry environment, Extreme slippery 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	Synthetic, Textile			
	Upper: permeability to water vapor	mg/cm²/h	21.09	# 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	169	# 15
Lining	Recycled Mesh			
	Lining: permeability to water vapor	mg/cm²/h	49.8	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	398.8	# 20
Footbed	SJ Memory 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)	mm³	128	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.48	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.43	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.41	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.34	# 0.22
	Antistatic value	MegaOhm	14.6	0.1 - 1000
	ESD value	MegaOhm	11.6	0.1 - 100
	Heel energy absorption	J	35	# 20
Тоесар	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	18.5	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23.0	# 14

Sample size

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