

# **HEKLA S3 LOW**

# HEKLAS3LOW

# **Wide Fit Safety Boots**

HEKLA S3 LOW safety shoes with wide fit for lasting comfort, ladder grip for safer climbing, heatresistant outsole, slip grip and breathable leather.

Upper	Full Grain Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	Rubber (NBR)
Toecap	Steel
Category	S3 / SR, SC, LG, HI, CI, FO, HRO
Size range	EU 38-48 / UK 5.0-13.0 / US 5.5-13.5
	JPN 24-31.5 / KOR 250-315

Sample weight 0.768 kg

ASTM F2413:2018 Norms

EN ISO 20345:2022































Breathable leather upper



## Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



# Cold insulated (CI)

Cold insulated (CI) safety shoes keep your feet warm. They are worn in cold environments.



## Ladder Grip (LG)

Especially defined contour in the shank area of a safety shoe to provide additional safety while standing on ladders.



#### Heat insulated (HI)

Heat insulated (HI) safety footwear is usually worn in hot temperature environments. It limits the increase of temperature inside the shoe.



# Scuff Cap (SC)

Separately tested material to cover the toe cap area to reduce abrasion of the upper material (e.g. during kneeling operations) and extend usability of the safety shoe.







#### **Industries:**

Construction, Oil & Gas, Mining, Industry

### **Environments:**

Cold environment, Extreme slippery surfaces, Muddy environment, Wet environment, Uneven surfaces, Dry 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	Full Grain Leather			
	Upper: permeability to water vapor	mg/cm²/h	1.12	# 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	16	# 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	32.98	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	264	# 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm³	128	# 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.47	# 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.51	# 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.20	# 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.24	# 0.22
	Antistatic value	MegaOhm	4.5	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	40	# 20
Тоесар	Steel			
	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	20.0	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	24.0	# 14

Sample size:

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