

HEKLA WINTER S7S TLS

Waterproof Leather Winter Boots With Premium Thinsulate 400 Insulation

HEKLA WINTER S7S winter safety boot with waterproof membrane, leather upper, Thinsulate 400 insulation, metalfree protection, TLS closure and stability.

Upper	Full Grain Leather
Lining	3M Thinsulate, Membrane
Footbed	SJ foam winter footbed
Midsole	Anti-puncture Textile
Outsole	Rubber (NBR)
Toecap	Nano Carbon
Category	S7S / SR, SC, LG, HI, CI, FO, HRO
Size range	EU 36-48
Sample weight	1.075 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024



































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.



Warm lining

Keeps your feet warm and dry in cold environments.



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.



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.



Breathable leather upper

Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



Waterproof (WR)

Waterproof footwear prevents liquids to enter into the shoe.





Industries:

Construction, Mining, Oil & Gas, Industry

Environments:

Snowy and icy, Muddy 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	Full Grain Leather			
	Upper: permeability to water vapor	mg/cm²/h	1.12	≥ 0.8
	Upper: water vapor coefficient	$mg/_{ m Cm^2}$	16	≥ 15
Lining	3M Thinsulate, Membrane			
	Lining: permeability to water vapor	mg/cm²/h	28	≥2
	Lining: water vapor coefficient	$mg/_{Cm^2}$	38	≥ 20
Footbed	SJ foam winter footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm ³	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	Mega0hm	4.5	0.1 - 1000
	ESD value	Mega0hm	N/A	0.1 - 100
	Heel energy absorption	J	40	≥ 20
Toecap	Nano Carbon			
	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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