



SAFETY

HEATKING S1 HRO

Breathable Safety footwear

Heatking is a reliable foundry shoe offering upto 350°C protection for 1 minutes it also offer protections against acid, alkali, fat & most chemicals. Heatking is ideal for electricians as it offers protection against live electricity

Upper	Apollo leather
Sole	Single Density Nitrile Rubber Black Outsole
Toecap	Steel
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	1300 gm. ± 50g. Size 8.
Size range	UK 5-12

**BORN TOUGH
BUILT RELIABLE**



GENERAL & UPPER

- DESIGN "B" ANKLE BOOT
- LEATHER UPPER
- BREATHABLE UPPER
- LACE UP
- ODOR REDUCING

- TOE CAP ST 200J STEEL TOE
- WIDE TOE CAP
- LINING TEXTILE LINING
- IN SOCK AERATION HOLES TO REGULAR TEMPERATURE
- CUSHION HEEL & ARCH SUPPORT

- SOLE RUBBER SINGLE DENSITY
- 25J HEEL SHOCK ABSORPTION
- FUEL OIL RESISTANT SOLE
- ACID ALKALI FAT RESISTANT SOLE
- HRO 300°C RESISTANT SOLE
- SRA SLIP RESISTANT
- 15kv EH ELECTRICAL HAZARD
- 20kv EH ELECTRICAL HAZARD





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Industries:

General, Engineering, Foundry, Smelter, Automobile, Hot Zone

Environments:

Dry environment, Extreme slippery surfaces, Uneven surfaces, upto 350°C

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/Hair Dryer nor nearby a heat source. Clean your cleats regularly.



Description		Measure unit	Result	IS 15298(Part 2):2016 EN ISO 20345
Upper Leather	Upper: Tear Strength	n/mm ²	262	≥ 120
	Upper: Tensile Strength	n/mm ²	26	≥ 15
	Upper: permeability to water vapor	mg/cm ² /h	1.19	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	17.6	≥ 15
Lining	3D-Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	31.1	≥ 2
	Lining: water vapor coefficient	mg/cm ²	180	≥ 20
	Lining: abrasion resistance	25,600 Cycles	no hole	no hole
Footbed	Footbed			
	Footbed: abrasion resistance	cycles	450	≥ 400
Sole	SOLE: Nitrile Rubber			
	Outsole abrasion resistance (volume loss)	mm ³	120	≤ 150
	Flexing resistance (30,000 cycles)	mm	0.5	≤ 4
	Upper outsole bond strength	n/mm	4.15	≥ 4.0
	Outsole slip resistance SRA: heel	friction	0.30	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.35	≥ 0.32
	Electrical Insulative (ASTM 2413)	Kv	18Kv	< 0.37 mA
	Heel energy absorption	Joules	22	≥ 20
	Resistance fuel oil	%	2.7	≤ 12
	Hot Contact at 350°C	Centigrade	No melt	No melt
Toecap	Impact resistance toecap (clearance after impact 200J)	mm	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	14.7	≥ 14

Our shoes are constantly evolving, the technical data above may change. All product names and brand JCB, are registered and may not to be or reproduced in any format, without written consent from us.



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INDUSTRIAL PROFESSIONAL OCCUPATIONAL

**ENGINEERED
IN UK**



Except Electrical Insulated Properties.