



SAFETY

HEATMAX S1 HRO

Breathable Safety footwear

Heatmax is a reliable foundry boot offering upto 350°C protection for 1 minutes it also offer protections against acid, alkali, fat & most chemicals. Heatmax 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	1350 gm. ± 50g. Size 8.
Size range	UK 5-12

BORN TOUGH BUILT RELIABLE



GENERAL & UPPER



ANKLE BOOT



LEATHER UPPER



BREATHABLE
UPPER



LACE UP



ODOR REDUCING

TOE CAP



STEEL TOE



WIDE TOE CAP

LINING



TEXTILE LINING

IN SOCK



AERATION HOLES
TO REGULAR
TEMPERATURE



CUSHION HEEL &
ARCH SUPPORT

SOLE



SINGLE DENSITY



ABSORPTION



RESISTANT SOLE



ACID ALKALI FAT
RESISTANT SOLE



RESISTANT
SOLE



SLIP RESISTANT



ELECTRICAL
HAZARD

OPTIONAL



ELECTRICAL
HAZARD



SAFETY

HEATMAX S1 HRO

Industries:

Engineering, Chemical, Foundry, Smelter, Automobile, Hot Zone

Environments:

Dry/Humid 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	15 Kv/20 Kv	≥ 15/20 Kv
	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 be or reproduced in any format, without written consent from us.



SAFETY FOOTWEAR

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INDUSTRIAL PROFESSIONAL OCCUPATIONAL

ENGINEERED
IN UK



Except Electrical Insulated Properties.