

UPDATED



SAFETY

HEATMAX S1 HRO

Breathable Safety footwear

Heamax is a reliable and durable foundry safety boot built to perform in extreme industrial conditions. It provides heat resistance up to 350°C, making it ideal for high-temperature work environments. Along with thermal protection, it also offers strong resistance against acids, alkalis, fats, and most industrial chemicals. With a sturdy build and ergonomic comfort, Heamax ensures complete foot safety for workers in foundries, metal industries, and chemically hazardous workplaces.

Upper	Apollo leather
Sole	Moulded Single Density Nitrile Rubber Black Outsole
Toecap	Steel
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2022 & IS 15298 (Part 2): 2024
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



ANTISTATIC



ACID ALKALI FAT
RESISTANT SOLE



RESISTANT
SOLE



SLIP RESISTANT



LADDER GRIP
IS 15298(P2)2024



SAFETY FOOTWEAR

info@jcbfootwear.in
www.jcbfootwear.in

INDUSTRIAL PROFESSIONAL OCCUPATIONAL

ENGINEERED
IN UK



Except Electrical Insulated Properties.



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):2024 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 dry cycles	no hole	no hole
Footbed	Abrasion Resistance	25,600 dry cycles	no hole	no hole
		12,800 wet cycles	no hole	no hole
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
	Antistatic value	MegaOhm	440	0.1 - 1000
	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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IS 15298



(PART 2)

CM/L-4867488*

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