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 : 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


ANTISTATIC


ACID ALKALI FAT RESISTANT SOLE

SOLE

SLIP RESISTANT

JCB
SAFETY FOOTWEAR
info@jcbfootwear.in
www.jcbfootwear.in

INDUSTRIAL PROFESSIONAL OCCUPATIONAL

ENGINEERED IN UK

MAKE IN INDIA

IS 15298 (PART 2)
CM/L-4867488*
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):2016 EN ISO 20345
Upper Leather	Upper: Tear Strength	n/mm²	262	≥ 120
	Upper: Tensile Strength	n/mm²	26	≥ 15
	Upper: permeability to water vapor	mg/cm²/h	1.19	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	17.6	≥ 15
Lining	**3D-Mesh**			
	Lining: permeability to water vapor	mg/cm²/h	31.1	≥ 2
	Lining: water vapor coefficient	mg/cm²	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)	mm³	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

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