



SAFETY

HYDROMASTER S1

Breathable Slip on Safety footwear



BORN TOUGH BUILT RELIABLE

Hydromaster is both stylish slip on water resistant safety footwear combined with ease of hand free wearing and highest slip resistance, thanks to its lightweight design, climate-optimized high-tech materials, and ergonomically designed outsole. Hydromaster the ideal companion for the working day and beyond.



Upper	Micro Fiber
Sole	Black Single Density PU
Toecap	Steel
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	850 gm. ± 50g. Size 8.
Size range	UK 5-12

GENERAL & UPPER



UPPER MICRO FIBRE



SUPER LIGHT WEIGHT



BREATHABLE UPPER



WATER RESISTANT



TOE CAP



STEEL TOE



WIDE TOE CAP

LINING



TEXTILE LINING

IN SOCK



AERATION HOLES TO REGULAR TEMPERATURE



CUSHION HEEL & ARCH SUPPORT



ODOR REDUCING

SOLE



SINGLE DENSITY



HEEL SHOCK ABSORPTION



RESISTANT SOLE



ANTISTATIC



SOLE



SLIP RESISTANT



SAFETY

HYDROMASTER S1

Industries:

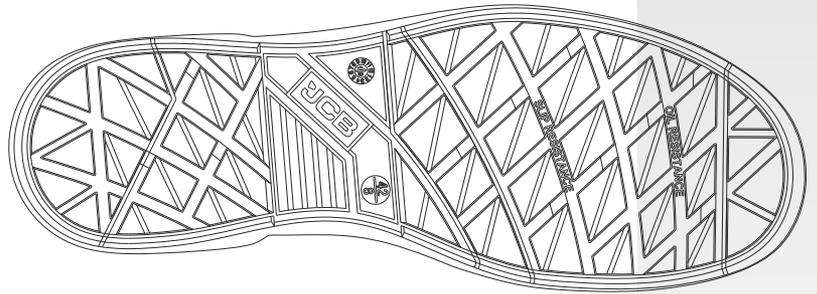
General, Engineering, Automobile, Pharmaceutical

Environments:

Humid environment, Extreme slippery surfaces, Uneven surfaces, upto 130° 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.



Description		Measure unit	Result	IS 15298(Part 2):2016 EN ISO 20345	
Upper Leather	Upper: Tear Strength	n/mm ²	162	≥ 120	
	Upper: Tensile Strength	n/mm ²	26	≥ 15	
	Upper: permeability to water vapor	mg/cm ² /h	1.18	≥ 0.8	
	Upper: water vapor coefficient	mg/cm ²	17.8	≥ 15	
	Upper: Water Penetration	gm	0.18	≤ 0.2	
Lining	Upper: Water Absorption	%	24	≤ 30	
	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	
Outsole	SOLE:PU				
	Outsole abrasion resistance (volume loss)	mm ³	149	≤ 250	
	Flexing resistance (30,000 cycles)	mm	no growth	≤ 4	
	Upper outsole bond strength	n/mm	4.15	≥ 4.0	
	NEW	Outsole slip resistance *Condition A	COF	0.60	≥ 0.31
		Outsole slip resistance *Condition B	COF	0.60	≥ 0.36
		Outsole slip resistance *Condition C	COF	0.38	≥ 0.19
		Outsole slip resistance *Condition D	COF	0.34	≥ 0.22
		Antistatic value	MegaOhm	440	0.1 - 1000
		Heel energy absorption	Joules	≥35	≥ 20
	Resistance fuel oil	%	≤ 1.6	≤ 12	
	Hot Contact at 130°C for 1 min.	Centigrade	No melt	No melt	
Toecap					
	Impact resistance toecap (clearance after impact 200J)	mm	15.5	≥ 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.