



SAFETY

MIGHTY S1

Non Metallic Leather Safety footwear

Mighty is our another new stylish non metallic leather safety footwear, offering very high wearer comfort & highest slip resistance, thanks to its lightweight design, tropicalized high-tech materials including composite toe, and ergonomically designed out sole. Mighty the ideal companion for frequent flyers.

Upper	Apollo leather
Sole	Direct Injection Moulded Double Density PU Grey Outsole
Toecap	Composite
Midsole	PU
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	900 gm. ± 50g. Size 8.
Size range	UK 5-12

**BORN TOUGH
BUILT RELIABLE**



GENERAL & UPPER



LEATHER UPPER



LIGHT WEIGHT



BREATHABLE UPPER



LACE UP



ODOR REDUCING



NON METALLIC

TOE CAP



COMPOSITE TOE



WIDE TOE CAP

LINING



TEXTILE LINING

IN SOCK



AERATION HOLES TO REGULAR TEMPERATURE



CUSHION HEEL & ARCH SUPPORT



SOLE



GREY OUTSOLE
DOUBLE DENSITY



HEEL SHOCK
ABSORPTION



RESISTANT SOLE



ANTISTATIC



RESISTANT SOLE



SLIP RESISTANT



ROBOTIC DIRECT INJECTION



ELECTRICAL HAZARD
OPTIONAL



SAFETY

MIGHTY S1

Industries:

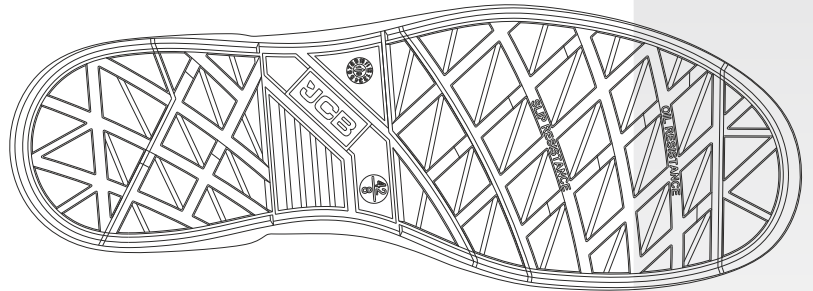
General, Engineering, Automobile, Construction

Environments:

Dry 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	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	
Outsole	SOLE:PU PU				
	Outsole abrasion resistance (volume loss)	mm ³	91	≤ 150	
	Flexing resistance (30,000 cycles)	mm	no growth	≤ 4	
	Upper outsole bond strength	n/mm	4.15	≥ 4.0	
	Interlayer bond strength	n/mm	4.05	≥ 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	125	0.1 - 1000
	Heel energy absorption	Joules	≥30	≥ 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	19.5	≥ 14	
	Compression resistance toecap (clearance after compression 15kN)	mm	15.0	≥ 14	

* As per IS 15298 (Part 2) : 2024

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.