



SAFETY

GUTSO S1

Breathable Safety footwear

Gutso is both youthful and stylish combined with first-class wearer comfort and highest slip resistance, thanks to its lightweight design, climate-optimized high-tech materials, and ergonomically designed outsole. Gutso the ideal companion for the working day and beyond.

**BORN TOUGH
BUILT RELIABLE**



Upper	Apollo leather
Sole	Double Density PU Grey Outsole
Toecap	Steel
Midsole	PU
Mesh Lining	Anti-bacterial Tested as per AATCC TM100-2019
Footbed	PU Moulded 3 Layered
Polymer Lace	Flat Tested for Knot Slip Resistance
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	925 gm. +- 50g. Size 8.
Size range	UK 5-12

GENERAL & UPPER

- LEATHER UPPER
- SUPER LIGHT WEIGHT
- BREATHABLE UPPER
- LACE UP
- HEEL CUSHION

TOE CAP

- ST** 200J
STEEL TOE
- WIDE TOE CAP

LINING

- Swiss Tech.**
MESH LINING
ANTI-BACTERIAL

IN SOCK

- PU MOULDED 3 LAYERED SOCKS
- CUSHION HEEL & ARCH SUPPORT



SOLE

- PU**
GREY OUTSOLE
DOUBLE DENSITY
- 35J**
HEEL SHOCK ABSORPTION
- FUEL OIL
RESISTANT SOLE
- ANTISTATIC
- 130°C
RESISTANT SOLE
- SRC**
SLIP RESISTANT





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Industries:

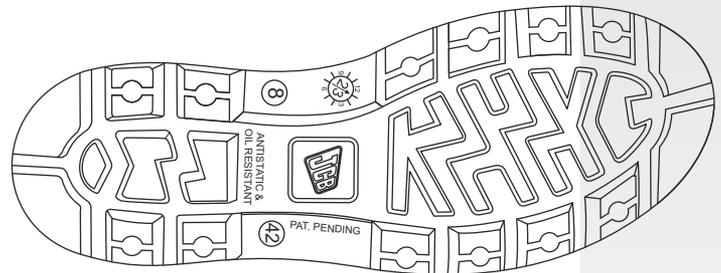
General, Engineering, Automobile, Construction

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	Lining: anti-bacterial as per AATCC Tm100- 2019	% Reduction	99.98%	-
	PU Footbed			
Outsole	Footbed: abrasion resistance	cycles	450	≥ 400
	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
	Outsole slip resistance SRA: heel	friction	0.41	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.39	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.17	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	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	15.6
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.