



BORN TOUGH BUILT RELIABLE

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.



Upper	Apollo leather
Sole	Double Density PU Grey Outsole
Toecap	Steel
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

GENERAL & UPPER

- LEATHER UPPER
- SUPER LIGHT WEIGHT
- BREATHABLE UPPER
- LACE UP
- ODOR REDUCING

TOE CAP

ST
200J
STEEL TOE

LINING

TEXTILE LINING

IN SOCK

AERATION HOLES TO REGULAR TEMPERATURE

CUSHION HEEL & ARCH SUPPORT

SOLE

PU PU
GREY OUTSOLE
DOUBLE DENSITY

35J
HEEL SHOCK
ABSORPTION

FUEL OIL
RESISTANT SOLE

ANTISTATIC

130°C
RESISTANT SOLE

SRC
SLIP RESISTANT

*Also known as Ounce



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GUTSO S1

Industries:

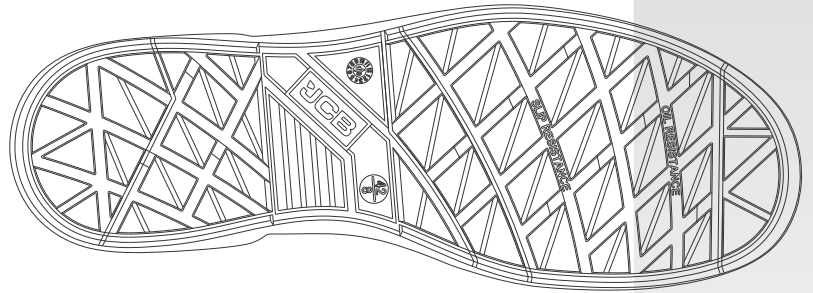
General, Engineering, Automobile, Construction

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
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
	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

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