



SAFETY

DRONE* S1

Breathable Safety footwear

Drone 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. Drone the ideal companion for the working day and beyond.

Upper	Apollo leather
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	860 gm. ± 50g. Size 8.
Size range	UK 5-12

BUILT RELIABLE BORN TOUGH



GENERAL & UPPER

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

TOE CAP

- ST** 200J
STEEL TOE

- WIDE TOE CAP

LINING

- TEXTILE LINING

IN SOCK

- AERATION HOLES TO REGULAR TEMPERATURE

- CUSHION HEEL & ARCH SUPPORT



SOLE

- SD**
SINGLE DENSITY

- 35J**
HEEL SHOCK ABSORPTION

- FUEL OIL
RESISTANT SOLE

- ANTISTATIC

- 130°C
RESISTANT SOLE

- SRC**
SLIP RESISTANT

*Also known as Rumble



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Industries:

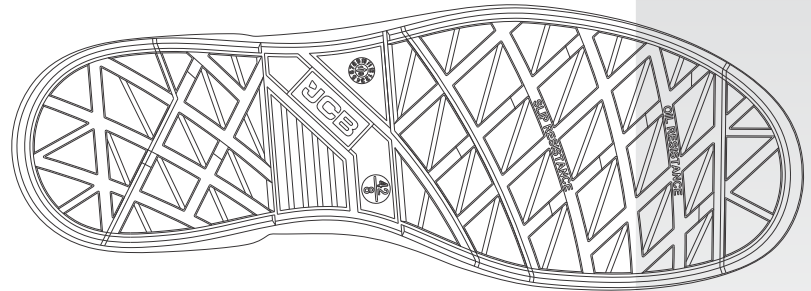
General, Engineering, Automobile, Construction

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
Footbed	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	159	≤ 250
Flexing resistance (30,000 cycles)		mm	no growth	≤ 4
Upper outsole bond strength		n/mm	4.15	≥ 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	325	0.1 - 1000
Heel energy absorption		Joules	≥35.5	≥ 20
Resistance fuel oil		%	≤ 2.7	≤ 12
Hot Contact at 130°C for 1 min.		Centigrade	No melt	No melt
Toecap		Impact resistance toecap (clearance after impact 200J)	mm	19.0
	Compression resistance toecap (clearance after compression 15kN)	mm	14.7	≥ 14

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