



SAFETY

TIGERCAT S1

Breathable Sneaker Safety footwear

Tigercat 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, & ergonomically designed out sole. Tigercat the ideal companion for the working day and beyond.

Upper	Nubuck Leather with Cordura
Sole	Double Density PU
Outsole	High Density Grey PU
Midsole	Low Density Black PU
Insole	NonWoven Insole board Antistatic
Toecap	Steel
Lining	Two Color Mesh
Footbed	PU Moulded 3 Layered
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

NUBUCK LEATHER

SUPER LIGHT WEIGHT

BREATHABLE UPPER

LACE UP

ODOR REDUCING

TOE CAP

STEEL TOE

WIDE TOE CAP

LINING

TEXTILE LINING

IN SOCK

PU MOULDED 3 LAYERED SOCKS

CUSHION HEEL & ARCH SUPPORT



SOLE

DOUBLE DENSITY

HEEL SHOCK ABSORPTION

RESISTANT SOLE

ANTISTATIC

RESISTANT SOLE

SLIP RESISTANT

PENETRATION OPTIONAL

ELECTRICAL HAZARD OPTIONAL



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Industries:

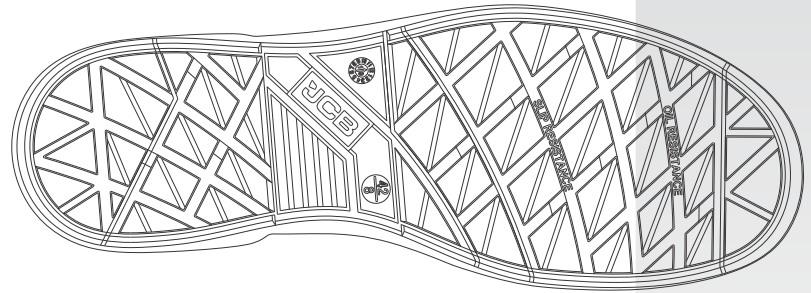
General, Engineering, Automobile, Construction

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	265	≥ 120
	Upper: Tensile Strength	n/mm ²	24	≥ 15
	Upper: permeability to water vapor	mg/cm ² /h	1.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	17.9	≥ 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	455	≥ 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	0.51	≥ 0.28
Outsole slip resistance SRA: flat		friction	0.37	≥ 0.32
Outsole slip resistance SRB: heel		friction	0.18	≥ 0.13
Outsole slip resistance SRB: flat		friction	0.17	≥ 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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