



## SAFETY

### VENT **S1**

#### Breathable Safety footwear

Vent is sporty, youthful, stylish combined with first-class wearer comfort. Thanks to its lightweight design, climate-optimized high-tech materials, and ergonomically designed highest SRC slip resistance, out sole. Vent offers very good breath ability the ideal companion for 24X7 working.

Upper	Buff Suede leather
Sole	Double Density PU Grey* outsole
Toecap	Steel
Midsole	PU
Lining	Gray Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	875 gm. ± 50g.   Size 8.
Size range	UK 5-12

## BORN TOUGH BUILT RELIABLE



#### GENERAL & UPPER



#### TOE CAP



#### LINING



#### IN SOCK



\*Yellow Sole MOQ 1000 Pairs

#### SOLE



#### SAFETY FOOTWEAR

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INDUSTRIAL PROFESSIONAL OCCUPATIONAL

ENGINEERED  
IN UK





## SAFETY

### VENT S1

#### Industries:

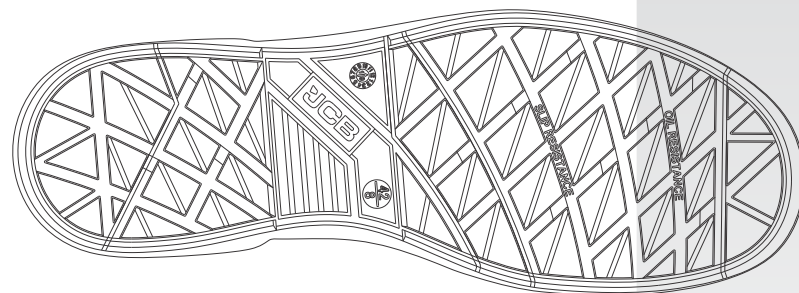
General, Engineering, Automobile, Electronics

#### 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 <sup>2</sup>	262	≥ 120
	Upper: Tensile Strength	n/mm <sup>2</sup>	26	≥ 15
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	1.40	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	18.6	≥ 15
Lining	<b>3D-Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	31.1	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	180	≥ 20
Footbed	<b>Footbed</b>			
	Lining: abrasion resistance	25,600 Cycles	no hole	no hole
Footbed	Footbed: abrasion resistance	cycles	450	≥ 400
Outsole	<b>SOLE:PU PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	156	≤ 250
	Flexing resistance (30,000 cycles)	mm	no growth	≤ 4
	Upper outsole bond strength	n/mm	4.18	≥ 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	350	0.1 - 1000
	Heel energy absorption	Joules	≥35.5	≥ 20
	Resistance fuel oil	%	≤ 2.7	≤ 12
	Hot contact at 130°C	Centigrade	No melt	No melt
Toecap	Impact resistance toecap (clearance after impact 200J)	mm	19.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	14.7	≥ 14

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