



SAFETY

SPRINT S1

Sporty Safety Footwear with Enhanced Wearer Comfort.

Sprint is modern super light weight and highly flexible safety shoe. it offers out standing wearer comfort due to virtually seam free construction, padded collar and tongue. The innovative product is perfectly adapted to the high humid Indian atmosphere for its outstanding air exchange, low weight and optimal climate control. Standing and walking in Sprint is highly comfortable – all day long.

Upper	Black and Grey High Tenacity Synthetic Fiber
Sole	Double Density PU, Grey Outsole
Toecap	Steel
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	865 gm. ± 50g. Size 8.
Size range	UK 5-12
Option	ESD, Penetration Resistance

BORN TOUGH BUILT RELIABLE



GENERAL & UPPER

SUPER LIGHT WEIGHT	LACE UP	FLYNET UPPER	HIGHLY BREATHABLE UPPER	VIRTUALLY SEAM FREE
ODOR REDUCING	FRESH SENSE	WASHABLE UPPER		

TOE CAP

STEEL TOE

LINING

WIDE TOE CAP

IN SOCK

TEXTILE LINING

IN SOCK

AERATION HOLES TO REGULAR TEMPERATURE

IN SOCK

CUSHION HEEL & ARCH SUPPORT

SOLE

DOUBLE DENSITY

HEEL SHOCK ABSORPTION

RESISTANT SOLE

ANTISTATIC

130°C RESISTANT SOLE

SLIP RESISTANT

ESD OPTIONAL



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Industries:

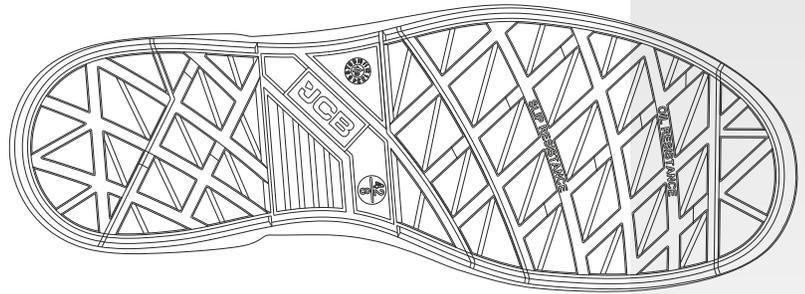
General, Engineering, Automobile, Construction

Environments:

Hot & Humid 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. This is washable footwear.



Description		Measure unit	Result	IS 15298(Part 2):2016 EN ISO 20345	
Upper	Upper: Tear Strength	n/mm ²	102	≥ 60	
	Upper: permeability to water vapor	mg/cm ² /h	39.1	≥ 0.8	
	Upper: water vapor coefficient	mg/cm ²	313.2	≥ 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	Footbed				
	Footbed: abrasion resistance	cycles	440	≥ 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	
	NEW	Outsole slip resistance *Condition A	COF	0.60	≥ 0.31
		Outsole slip resistance *Condition B	COF	0.60	≥ 0.36
		Outsole slip resistance *Condition C	COF	0.38	≥ 0.19
		Outsole slip resistance *Condition D	COF	0.34	≥ 0.22
		Antistatic value	MegaOhm	125	0.1 - 1000
	Heel Energy Absorption	Joules	≥30	≥ 20	
	Resistance Fuel Oil	%	≤ 1.6	≤ 12	
Toecap	Hot Contact at 130°C for 1 min.	Centigrade	No melt	No melt	
	Impact resistance toecap (clearance after impact 200J)	mm	19.0	≥ 14	
	Compression resistance toecap (clearance after compression 15kN)	mm	14.7	≥ 14	

*As per IS 15298 (Part 2): 2024

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SAFETY FOOTWEAR

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Comfort-Index

4.5/5

Comfort index is calculated using the mean value of the three index values (IV) for weight, energy absorption seat & water vapour permeability ranging from 0 (= poor) to 5 (= perfect).

WEIGHT 4.4

Lightweight feel reduces the onset of fatigue

Weight of the shoe including in-sock

- Test result:
Weight = 435 g/odd UK 8



ENERGY ABSORPTION SEAT 4.5

More energy absorption, more comfortable underfoot

- Test method: ISO 20344:2011, 5.13
- Test result: 35.5



WATER VAPOUR PERMEABILITY 4.7

Reduced perspiration for a superior foot Comfort

- Test method: ISO 20344:2011, 6.6
- Test result: 38.1mg/(cm²h)

