



Light

BEYONCE S3

Mid-cut, athletic safety shoe for active women

The BEYONCE shoe is a mid-cut, athletic safety shoe designed for active women. Lightweight with aluminium toecap, water-resistant, antistatic, and featuring heel energy absorption for maximum comfort and safety.

Upper	Nubuck Action Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Phylon/Rubber
Toecap	Aluminium
Category	S3 / SRC
Size range	EU 36-42 / UK 3.5-8.0 / US 6.0-10.5 JPN 22.5-26.5 / KOR 235-270
Sample weight	0.526 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



T22



S3
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



Aluminum toecap
Aluminum toecaps bring the resistance of steel toes to a lighter weight (30-50% lighter than steel). Alloy toes have a low profile, which makes them ideal for sportive safety shoes. The average weight of the aluminum cap is about 50/60 gr.



SJ Flex
Metal-free puncture resistant material, which is lighter and more flexible than steel. The material is not thermal conductive. Covers 100% of the surface of the last bottom.



Water resistant Upper (WRU)
Prevents penetration of water if not permanently exposed to high levels.



Heel energy absorption
Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



Antistatic
Antistatic footwear prevents build-up of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm

Industries:

Automotive, Chemical, Cleaning, Construction, Logistics, Mining, Oil & Gas, Industry

Environments:

Dry environment, Wet environment

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, nor nearby a heat source.

	Description	Measure unit	Result	EN ISO 20345
Upper	Nubuck Action Leather			
	Upper: permeability to water vapor	mg/cm ² /h	1.5	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	15.8	≥ 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm ² /h	115.7	≥ 2
	Lining: water vapor coefficient	mg/cm ²	925.9	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	Phylon/Rubber			
	Outsole abrasion resistance (volume loss)	mm ³	140.9	≤ 150
	Outsole slip resistance SRA: heel	friction	0.40	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.35	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.15	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	16.2	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	25	≥ 20
Toecap	Aluminium			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	13.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	15.0	≥ 14

Sample size: 38

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