Medium

JACKMAN S3

Steel Toe Chelsea Boots

With JACKMAN safety boots, you get secure footing on any surface, protection from oil and fuel, and breathable leather support that eases posture strain.

Upper	Crazy Horse Leather
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Steel
Outsole	Rubber (NBR)
Toecap	Steel
Category	S3 / SR, LG, FO, HI, HRO, CI
Size range	EU 35-48 / UK 3.0-13.0 / US 3.0-13.5 JPN 21.5-31.5 / KOR 230-315
Sample weight	0.720 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

BLK

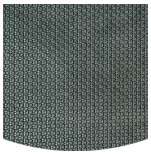
DBN

Breathable leather upper
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.

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

Oil & fuel resistant
The outsole is resistant against oil and fuel.

Removable insole
Renew your insole at a regular base or use your own orthopedic insoles for a higher comfort.



Rubber outsole
Rubber outsoles provide versatile functions that make them suitable for many areas of application: excellent cut resistance, heat and cold resistance, high flexibility at cold temperatures, resistance against oil, fuel and many chemicals.

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.

Industries:
Chemical, Construction, Industry, Logistics, Oil & Gas

Environments:
Dry environment, Extreme slippery surfaces, Uneven surfaces, 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	**Crazy Horse Leather**			
	Upper: permeability to water vapor	mg/cm^2/h	9.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	74.0	≥ 15
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	mg/cm^2/h	63.7	≥ 2
	Lining: water vapor coefficient	mg/cm^2	510	≥ 20
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	**Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	mm^3	92	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.43	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.42	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.28	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.33	≥ 0.22
	Antistatic value	MegaOhm	20.5	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	32.0	≥ 20
Toecap	**Steel**			
	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	20.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23.5	≥ 14

Sample size: 42

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