

# **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	Mesh		
Footbed	SJ foam footbed		
Midsole	Steel		
Outsole	Rubber (NBR)		
Toecap	Steel		
Category	S3 / SR, LG, HI, CI, FO, HRO		
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		
Norme	EN ISO 20245-2022   A 1-2024		

Norms

ASTM F2413:2024



























# 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 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/cm²/h	9.1	# 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	74.0	# 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	63.7	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	510	# 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	Rubber (NBR)			
	Outsole abrasion resistance (volume loss)	mm³	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:

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