

# LABOR S3

### Comfortable Safety Boots With HRO Outsole

LABOR safety boots with durable rubber outsole resist chemicals, heat, hydrocarbons, acids and hydrolysis, offering lasting comfort, protection and grip.

Upper	Barton Action 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 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.710 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

























### Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



### SRC slip resistance

Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



#### Steel midsole

Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.



## SJ Foam

Removable comfortable antistatic footbed providing fit, guidance and optimum shock absorption in heel and forefoot. Breathable and moisture absorbing.



#### Steel toecap

Robust metal support to protect the feet of the wearer against falling or rolling objects.

ecovadis

SEP 2025



#### Antistatic

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







#### **Industries:**

Industry, Catering, Chemical, Cleaning, Food & beverages, Oil & Gas

#### **Environments:**

Cold environment, Extreme slippery surfaces, Warm surfaces

### **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	Barton Action Leather			
	Upper: permeability to water vapor	mg/cm²/h	0.92	# 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	15.0	# 15
Lining	Mesh			
	Lining: permeability to water vapor	mg/cm²/h	59.9	# 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	480	# 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	20.0	# 14
	Compression resistance toecap (clearance after compression 15kN)	mm	23.5	# 14

Sample size:

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