

LABOR S3

The comfortable all-round safety boot

Surround yourself with comfort and protection wearing the LABOR in all conditions. This safety boot with a rubber outsole has the highest resistance to chemicals, heat, hydrocarbons, acids, and hydrolysis. The sturdiness of rubber prevents the rapid abrasion of the outsole in all workplaces.

Upper	Barton Action Leather	
Lining	Mesh	
Footbed	SJ foam footbed	
Midsole	Steel	
Outsole	Rubber	
Тоесар	Steel	
Safety standard	S3 / HRO, SRC	
Size range	EU 35-47 / UK 3.0-12.0 US 3.0-13.0 / CM 23.0-31.0	
Sample weight	0.693 kg	
Norms	EN ISO 20345:2011 ASTM F2413:2018	



























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.



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.



Industries:

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

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	2.2	≥ 0.8		
	Upper: water vapor coefficient	mg/cm²	25.0	≥ 15		
Lining	Mesh					
	Lining: permeability to water vapor	mg/cm²/h	59.9	≥ 2		
	Lining: water vapor coefficient	mg/cm²	480	≥ 20		
Footbed	SJ foam footbed					
	Footbed: abrasion resistance	cycles	400	≥ 400		
Outsole	Rubber					
	Outsole abrasion resistance (volume loss)	mm³	122	≤ 150		
	Outsole slip resistance SRA: heel	friction	0.41	≥ 0.28		
	Outsole slip resistance SRA: flat	friction	0.41	≥ 0.32		
	Outsole slip resistance SRB: heel	friction	0.23	≥ 0.13		
	Outsole slip resistance SRB: flat	friction	0.33	≥ 0.18		
	Antistatic value	MegaOhm	22.1	0.1 - 1000		
	ESD value	MegaOhm	N/A	0.1 - 100		
	Heel energy absorption	J	25.0	≥ 20		
Toecap	Steel					
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	NA		
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	NA		
	Impact resistance toecap (clearance after impact 200J)	mm	17.0	≥ 14		
	Compression resistance toecap (clearance after compression 15kN)	mm	21.0	≥ 14		

Sample size: 42

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