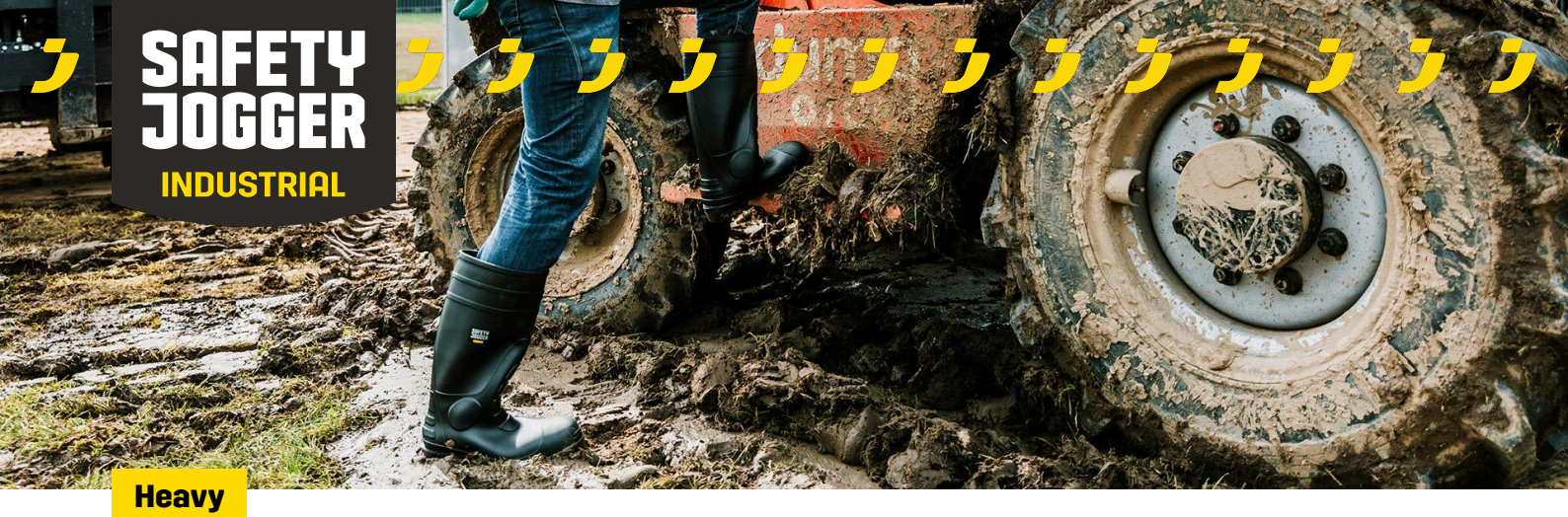

Heavy

HERCULES S5

Waterproof PVC Work Boots

HERCULES safety shoes deliver waterproof steel protection, slipresistant grip, antistatic safety, and cushioned comfort for long shifts.

Upper	SJ PVC
Lining	N/A
Footbed	N/A
Midsole	Steel
Outsole	PVC
Toecap	Steel
Category	S5 / FO
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	1.111 kg
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024

BLK

Waterproof (WR)
Waterproof footwear prevents liquids to enter into the shoe.

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

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

SRA slip resistance
Slip resistance is one of the most important features of safety and occupational footwear. SRA slip resistant soles are tested on a ceramic tile with dilute soap solution.

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:
Catering, Chemical, Cleaning, Construction, Mining, Oil & Gas, Industry

Environments:
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	**SJ PVC**			
	Upper: permeability to water vapor	mg/cm^2/h	N/A	≥ 0.8
	Upper: water vapor coefficient	mg/cm^2	N/A	≥ 15
Lining	**N/A**			
	Lining: permeability to water vapor	mg/cm^2/h	N/A	≥ 2
	Lining: water vapor coefficient	mg/cm^2	N/A	≥ 20
Footbed	**N/A**			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	N/A	25600/12800
Outsole	**PVC**			
	Outsole abrasion resistance (volume loss)	mm^3	162	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.36	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.37	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	N/A	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	N/A	≥ 0.22
	Antistatic value	MegaOhm	201	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	20	≥ 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	24.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	24.0	≥ 14

Sample size: 42

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