



Heavy

## HERCULES S5

### High puncture-resistant PVC safety boot

The HERCULES safety shoes offer ultimate protection with slip resistance and a steel toecap and midsole. It's waterproof, antistatic, and provides comfort with heel energy absorption and body posture pain relief.

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	ASTM F2413:2018 EN ISO 20345:2022



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 &amp; 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
<b>Upper</b>	<b>SJ PVC</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	N/A	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	N/A	≥ 15
<b>Lining</b>	<b>N/A</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	N/A	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	N/A	≥ 20
<b>Footbed</b>	<b>N/A</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	N/A	25600/12800
<b>Outsole</b>	<b>PVC</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	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
<b>Toecap</b>	<b>Steel</b>			
	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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