



Heavy

## HERCULES S5

High puncture resistant PVC safety boot

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.



**Heel energy absorption**  
Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



**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.



**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



**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.

**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	25600/12800	25600/12800
<b>Outsole</b>	<b>PVC</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	140	≤ 150
	Outsole slip resistance SRA: heel	friction	0.39	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.43	≥ 0.32
	Outsole slip resistance SRB: heel	friction	N/A	≥ 0.13
	Outsole slip resistance SRB: flat	friction	N/A	≥ 0.18
	Antistatic value	MegaOhm	201	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	22	≥ 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	19	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	20	≥ 14

Sample size: 42

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