



Heavy

HERCULES S5

High puncture resistant PVC safety boot

| | |
|-----------------|--|
| Upper | SJ PVC |
| Lining | Tricot |
| Footbed | N/A |
| Midsole | Steel |
| Outsole | PVC |
| Toecap | Steel |
| Safety standard | S5 / SRA |
| Size range | EU 36-47 / UK 3.5-12.0 US 4.0-13.0 / CM 23.5-31.0 |
| Sample weight | 1.111 kg |
| Norms | EN ISO 20345:2011 ASTM F2413:2018 |



BLK



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.



Waterproof materials
Waterproof materials make you capable of escorting patients into the shower in a safe and hygienic way.



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 & 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 | Tricot | | | |
| | 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 | cycles | N/A | ≥ 400 |
| Outsole | PVC | | | |
| | Outsole abrasion resistance (volume loss) | mm ³ | 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 |
| 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 | 19 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 20 | ≥ 14 |

Sample size: 42

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