



## Heel Grounder

HS5

### Description

Single elasticated heel strap with hook and loop strap for fastening (D ring). Custom configurations available. Fitted with a 1 meg ohm safety resistor. Elasticated back for added comfort. Produced using a soft 2 layer rubber material.

### Construction And Material

Constructed using a strip of two-layered rubber sheet, insulative white and conductive black, attached to 1" elastic garter forming heel cup with one meg ohm metal film resistor joined in series with the conductive tab, assembled with D - ring and hook and loop tape for adjustable feature. Spec ref: WI-PQA-WPI-002. Conforms to IEC61340-5-1.

### Electrical Properties

#### Conductivity:

**Black rubber surface:**  $8 \times 10^{14}$  ohms

**White rubber surface:**  $1 \times 10^{12}$  ohms

**Metal film resistor:** 1 meg ohm + 20%

**Conductive tab:** 160 ohms / inch (max)

**Spec ref:** WI-IQA-MRI-001

### Hardware

All metal parts show no evidence of corrosion and rust after 24 hours submersion to salt solution. Preferably made from stainless steel or brass alloy plated nickel.

### Plastic Parts

Made of anti-static nylon material.



### Colours

Red, black and royal blue straps with silver yarn for the conductive tab. Elastic garter and hook and loop tape's colours are available upon request.

### Dimensions

**Heel ground length:** 95 + 10mm

**Garter width:** 25-26mm

**Rubber width:** 25 + 1mm

**Conductive tab length:** 430 + 10mm

**Tab width:** 12-13mm

**Hook and loop tape assembly total length:** 280 + 10mm

**Hook/loop width:** 19-20mm

**Garter length:** 35 + 10mm

**Garter width:** 19-20mm

**Spec ref:** WI-PQA-WIP-002 and WI-IQA-MRI-001

### Markings

With date code. (Killstat)



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