

## Specification of Adjustable Heel Grounder

### Part-HS2

#### **Construction:**

Constructed using 2 pieces of two-layered rubber sheet, insulative white and conductive black, forming heel cup, assembled to plastic connector with built-in 1 MΩ resistor joined in series with the conductive tab and assembled with ¾ garter and 2 pcs Velcro closure for adjustable feature.

#### **Electrical Properties:**

Conductivity:

Black rubber surface:  $8 \times 10^4$  ohms

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

Metal film resistor: 1 meg ohm + 20%

Conductive tab: 160 ohms/inch (max)

#### **Colour:**

Available in black/ white rubber, black elastic garter, royal blue conductive tab with silver yarn, and day-glo yellow hook and loop tape.

#### **Markings:**

With customer logo and date code

#### **Dimensions:**

Cutting length: rubber – 137 + 2mm

rubber width – 35 ~ 1mm

Cutting length: garter – 80 + 2mm

garter width – 19 ~ 20mm

Cutting length: tab – 600 + 2mm

tab width – 12 ~ 13mm

Cutting length: hook tape – 133 + 2mm

Cutting length: loop tape 157 + 2mm

Hook and loop width – 19 ~ 20mm

#### **Hardware:**

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

#### **Plastic Parts:**

Made of antistatic nylon material.

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