KILLSTAT

Specification of Adjustable Heel Grounder

Part no: HS5

Construction:
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

Electrical Properties
Conductivity:
Black rubber surface: 8 x 10^4 ohms
White rubber surface: 1 x 10^{12} ohms
Metal film resistor: 1 meg ohm + 20%
Conductive tab: 160 ohms / inch (max)
Spec ref: WI-IQA-MRI-001

Colour
Black and white rubber with black D-ring and royal blue conductive tab with silver yarn. Elastic garter and hook and loop tape's colours are available upon request.
Spec ref: WI-IQA-MRI-001

Markings
With date code.
Spec ref: WI-OQA-FGI-003

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

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.
Spec ref: EOS/ESD-S1
MIL-STD-202

Plastic Parts

Anti static materials.
WI-IQA-MRI-001