

TECHNICAL DATA SHEET

www.quadrios.de

Version 1.0_012019

ESD Conductive Heel Grounder Item No 1903EC040





Features:

Two Layer Rubber Sole, Black Elastic Strap, Adjustable Strap with Clip Fasteners, Conductive Ribbon

Components	Resistivity	Dimensions
Outer Conductive surface (Black)	10 ³ -10 ⁵ Ω	Length-200mm, width 35mm, Thickness 0.5mm
Inner Anti-Static Surface (Grey)	10 ⁷ -10 ⁵ Ω	Lengt <mark>h 200mm, width 35m</mark> m, Thickness 1.5mm
Conductive Ribbon (Blue)	10 ⁶ Ω	Length 600mm, Width 10mm
Adjustable Strap with Clip Fasteners	NA	Length 300mm, Width 20mm

Specifications:	Special Note:
1M Ω Overall Safety Resistor	Heel Grounder Straps should not be used in areas where
Unisex Style	the individual may come in contact with electrical circuitry
Non Marking Sole Interior	exceeding 250 volts.
Hard Wearing Heel Grounders Designed for Long Term Use	
Reusable and can be Washed by Hand in Mild Detergent	ESD Character of the Product may vary depending upon Humidity Factor
Recommended to Worn on both Feet	

How heel Grounder Works

Heel grounders eliminate a charge on a person by electrically connecting the person to a grounded surface. A conductive ribbon placed inside the wearer's shoe or sock makes electrical contact with the skin through perspiration. The assembly contains a current limiting resistor which protects the operator from accidental exposure to electricity. Heel grounders must be worn on both feet to maintain ground contact while walking.

This is a publication by Quadrios GmbH • Bahnhofstraße 16 • D-92670 Windischeschenbach (www.quadrios.de)

All right including translation reserved. Reproduction by any method or the capture in electronic data processing system require the prior writen approval by the editor. Reprinting, also in part, is prohibited. This publication represents the technical status at the time of printing.

All statements without guarantee

© Copyright 2019 by Quadrios GmbH