

## 3M™ Shoe Grounder Assembly 2051

The Shoe Grounder Assembly 2051 is designed to effectively ground mobile personnel when they are in contact with conductive and dissipative flooring. The conductive, no-slip outer sole provides a reliable static ground. The function of the shoe grounding assembly depends upon contact with the skin through perspiration in the shoe to sustain an electrical contact between the conductive ribbon and the body. The Shoe Grounder Assembly 2051 comes with a 1 megohm resistor. Meets category ESD SP9.2 Type A.



### **WARNING:**

All 3M Shoe Grounding Straps and Assemblies should not be used in areas where the individual may come in contact with electrical circuitry exceeding 250 volts.



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Specifications	Typical Value
Hook and Loop	3/4"
Sole Interior	Non-marking
Sole Exterior	<10 <sup>5</sup> ohms
Total Grounder*	1.0 x 10 <sup>6</sup> ohms

\*Meets the requirements of ANSI/ESD S-20.20-2014, EIA 625  
\*ESD-SP9.2

### Part Numbers

2051	Shoe Grounder Assembly, 1 meg resistor
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### How Shoe Grounders Work

Shoe grounders virtually 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. Shoe grounders must be worn on both feet to maintain ground contact while walking.

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