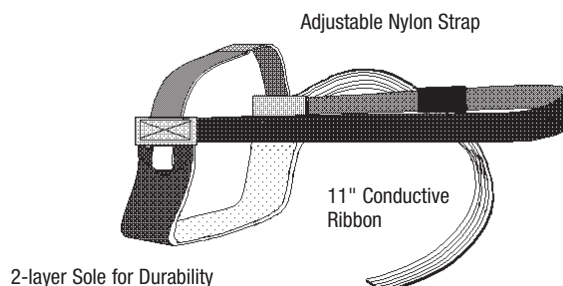


3M™ Toe Grounder Assembly 2053

Designed for use with high-heeled shoes, the Toe Grounder Assembly 2053 grounds personnel when they are in contact with conductive and dissipative flooring. A comfortable elastic toe strap and 11 in. (28 cm) long conductive ribbon for insertion into the shoe complete the ground path to the operator. To be effective, the Shoe Grounders must be worn on both feet. Available 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.

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

*Meets the requirements of ANSI/ESD S-20.20-2014, EIA 625

*ESD-SP9.2

Part Numbers

2053	Toe Grounder Assembly, 1 meg resistor
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How Toe Grounders Work

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

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