

MT-1000 SERIES TOE GROUNDERS

I. Description

Static Technologies toe grounders provide effective ESD control grounding when used with appropriate ESD flooring. Toe grounders are an alternative to heel grounders for narrow toed shoes.

Toe grounders have an adjustable hook and loop fastener that fits over the instep of the shoe. An adjustable elastic band extends around the back of the foot for a comfortable fit. An antislip pad is mounted on the elastic band. The antislip pad should be positioned at the back of the shoe to keep the toe grounder securely in place.

II. Specifications

Resistor: 1/4 watt ($\pm 10\%$) one or two megohm molded carbon film resistor.

Tab: Blue 3/8" wide fray resistant polyester tab with conductive carbon suffused fibers. MT-1008 includes an ankle band.

Tab Resistance: 10^3 to 10^5 ohms per linear foot

Tab to Cup Resistance:

1 x 10^6 ohms to 1 x 10^7 ohms for grounders with 1 megohm resistor

2 x 10^6 ohms to 1 x 10^7 ohms for grounders with 2 megohm resistor

Toe Cup: 0.060" thick elastomer with non-smudging interior and black conductive exterior.

Toe Cup Resistivity: 10^3 to 10^5 ohms/square

III. Cleaning

Dirt build-up can create an insulating layer that may affect the performance of the grounder. Wash periodically with soap and warm water. Rinse with clear water. To prevent tangling of grounders during washing, make sure Velcro hook material is covered by loop fabric.

IV. Part Numbers

P/N	Tab	Resistor
MT-1000	18" Fixed	1 Megohm
MT-1002	18" Fixed	2 Megohm
MT-1005	18" Snap-on	1 Megohm
MT-1008	18" Ankle band	1 Megohm

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