

## 051 Grounding Cord Kits

Grounding cord kits attach to NoTrax ESD mats to provide a solid connection to ground, dissipating excess electricity. Meets or exceeds requirements of ANSI ESD-S20.20. **Use of a ground cord is required to ensure performance of the mat and fulfill warranty requirements.**

### Models:

- 051S000500 - Grounding Cord Kit for Rubber Mats
- 051S000400 - Grounding Cord Kit for Sponge Mats
- 051S000600 - Grounding Cord Kit for Laminate Mats

All models include a 15 ft straight cord with a 1/8" (#10) ring terminal. The 10-mm socket end includes a low-profile plastic cap to easily attach to the mat. Kits for rubber and sponge mats include a snap eyelet (nut) and screw to be installed on the mat prior to connecting the cord. Laminate mats come with this pre-installed.

### Getting Started

For best results, allow the mat to lay flat for four hours at room temperature before installing. This will give the material time to flatten out from being rolled for shipment.

### Install the Socket

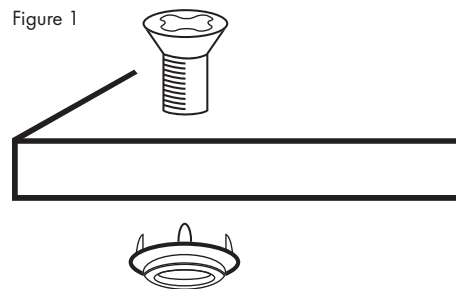
(sponge and rubber mats only; pre-installed on laminate mats)

#### Step 1:

Determine where to position the grounding snap on the mat (only one per mat). Punch a hole through the material using a small Phillips head screwdriver or awl.

#### Step 2:

Insert the screw through the material, bottom side of the mat. Affix with the conical nut supplied on the top side and tighten. (figure 1)



### Attach the Cord

(all models)

#### Step 1:

Lay the mat in position and fasten the ground cord to the snap.

#### Step 2:

Attach the other end of the ground cord to a common ground point using the ring terminal. (figure 2)

A suggested ground point is the center screw of a standard electrical outlet. (figure 3)

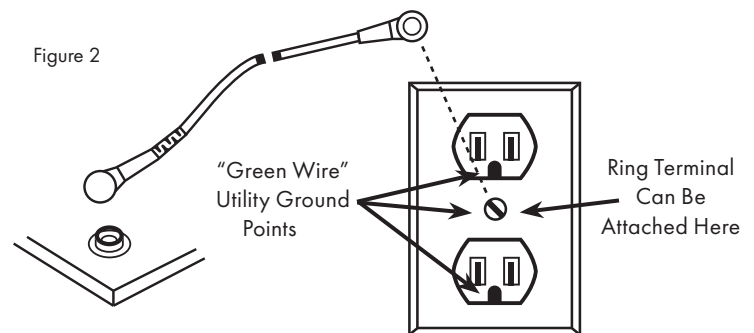


Figure 3

For optimum electrical performance, surfaces must be cleaned regularly with a mild detergent and water solution or an antistatic cleaner. **DO NOT USE CLEANERS WITH SILICONE.** They will build up a silicone coating on the surface which will cause the surface to become an insulator. Many common household cleaners contain silicone.