

**TITLE: Static Problems**

Gerber FastFact #: 1009

Supplied by: Gerber Service

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Summary: Customers can reduce the threat of data errors or damaged equipment from static discharge with some simple precautions.

During the late fall and winter months we can be certain that customer service calls will increase due to static electricity issues. But with some simple precautions these issues can be greatly reduced.

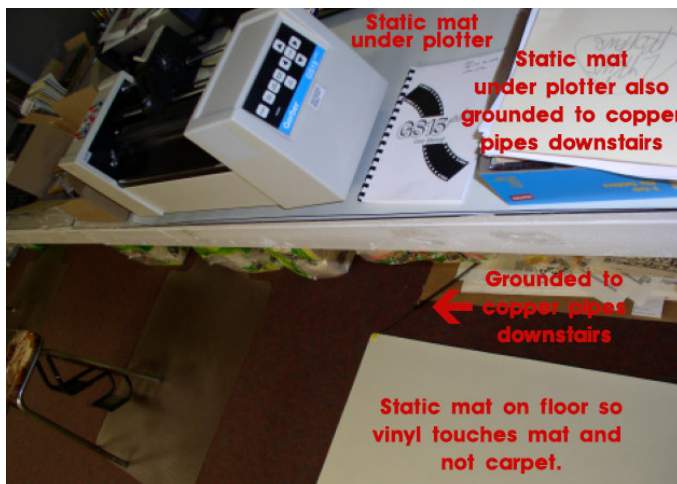
Here are three recommendations:

- 1 Install an Anti-static mat to insulate the electrical equipment. The anti-static mat has an electrical connector so that it can be easily grounded. Anti-static mats are a good investment to help equipment stay up and running and to reduce the possibility of data errors due to static issues.

Static mats are available from Gerber for the EDGE and plotter equipment as follows:

Part Number	Description
P77816A	Anti-Static Mat

- 2 Attach a ground wire from the frame of the electrical equipment to an earth ground, preferably a metallic cold water pipe. Don't use the ground on your electrical outlet.
- 3 Add humidity to the room. The added humidity will help dissipate static and make it more comfortable for your shop personnel during these dry winter days.



This photo shows the effective use of two anti-static mats in conjunction with a Gerber plotter. The customer who sent this picture to us has been thrilled with the results. Anti-static mats are easy to install and the benefits are immediate.

(Photo courtesy of Larry Hoppe)