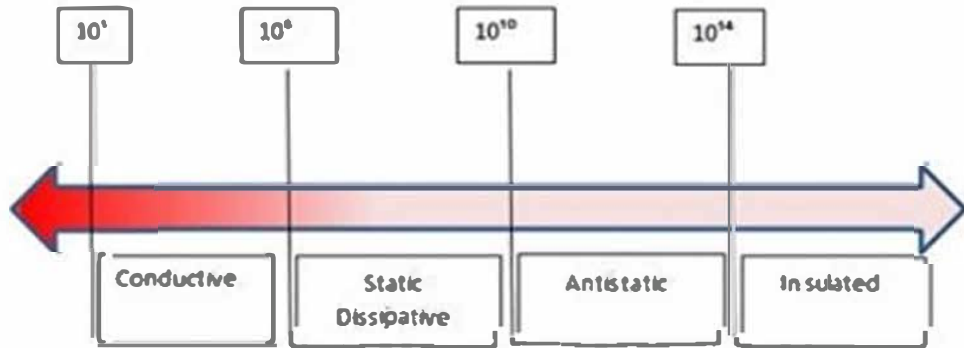


A Ground Wire is not the most effective way of eliminating static in a vacuum hose.

The concentration of red indicates the highest level of static resistivity.



AATCC Test Method 76-2011

A vacuum hose whose only means of eliminating static is a copper ground wire running through the helix is considered static-dissipating. A vacuum hose that is manufactured with a high enough concentration of conductive resins is considered a static-conductive hose. Lower concentrations of conductive resin are also considered static dissipating. The conductive hose is better for fighting static than the hose with a ground wire. This is counter to what an awful lot of people believe. The static conductivity of a hose is measured in units of "sheet resistance", or ohms squared. The surface resistivity levels are what you should be looking at, and not if it has a ground wire.