

**AN ELECTROSTATIC SHIELDING, LOW
CHARGING-RETAINING MOISTURE BARRIER FILM**

ABSTRACT

A film material for use in packaging electrostatically sensitive components and corrosion sensitive components. The film material includes a static dissipative polymer attached to a first moisture barrier which in turn is attached to a second moisture barrier. The second moisture barrier has a low charge retaining coating. The first and second moisture barriers are separated by dielectric. Moisture barriers are formed by either a metal foil, or a metallized polymer in which the metallization thickness is at least 1.78×10^{-8} m thick. The metal of the second moisture barrier is in contact with the low charge retaining coating. The low charge retaining coating together with the metal in the second moisture barrier has a surface conductivity between 10^{-3} and 10^{-7} Siemens.



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