

ECONOSTAT ANTISTATIC MATTING Low Static Generation ESD Mat

- ▶ Indestructible and Easy to keep clean
- ▶ Homogenous construction, very low static generation
- ▶ Clean! No carbon sloughing
- ▶ Perfect for non-critical esd control areas!

Econostat is a solid vinyl anti-static table top material embedded with specific additives that are designed to absorb ambient humidity thus providing a low static generation material that falls in the very high static dissipative range of electrical conductivity, This material meets the older JEDC EIA-625 table 2 of $>1.0E05$ and $< 1.0E10$ RTG. EconoStat is a very clean material featuring NO carbon sloughing. Econostat is perfect for packaging areas, non-critical esd control areas and antistatic protection when working with high voltage power supplies.



EconoStat 166-AS

EconoStat bench top matting for static control is a highly durable homogenous pure vinyl designed to absorb ambient humidity from the environment thus rendering the material anti-static. Homogenous antistatic matting made in this fashion is indestructible but somewhat dependent on humidity for conductivity.

This type of material is designed to drain electrostatic potential slowly and in a very controlled fashion. EconoStat's resistivity falls in the very high static dissipative range

and may fluctuate slightly with humidity levels. While we don't recommend this material for use with our constant monitors or for use in sophisticated Electrostatic Protected Areas (EPA's) EconoStat can be a perfect choice for an economical anti-static material for packaging areas or when working with high voltage power supplies and more.



ECONOSTAT ANTISTATIC MATTING Low Static Generation ESD Mat

PHYSICAL PROPERTIES:

THICKNESS: .060 (1/16 of an inch)

COLORS: Sky Blue or Dove Gray

AVAILABILITY: 2, 30 inch, 3 and 4 foot widths. Full Rolls and Custom Cuts

ELECTRICAL PROPERTIES:

PTP PER ESD 4.1, 2006 >1.0E06 <1.0E10 @ 50% rH

RTG PER ESD 4.1, 2006: >1.0E06 <1.0E10 @50% rH

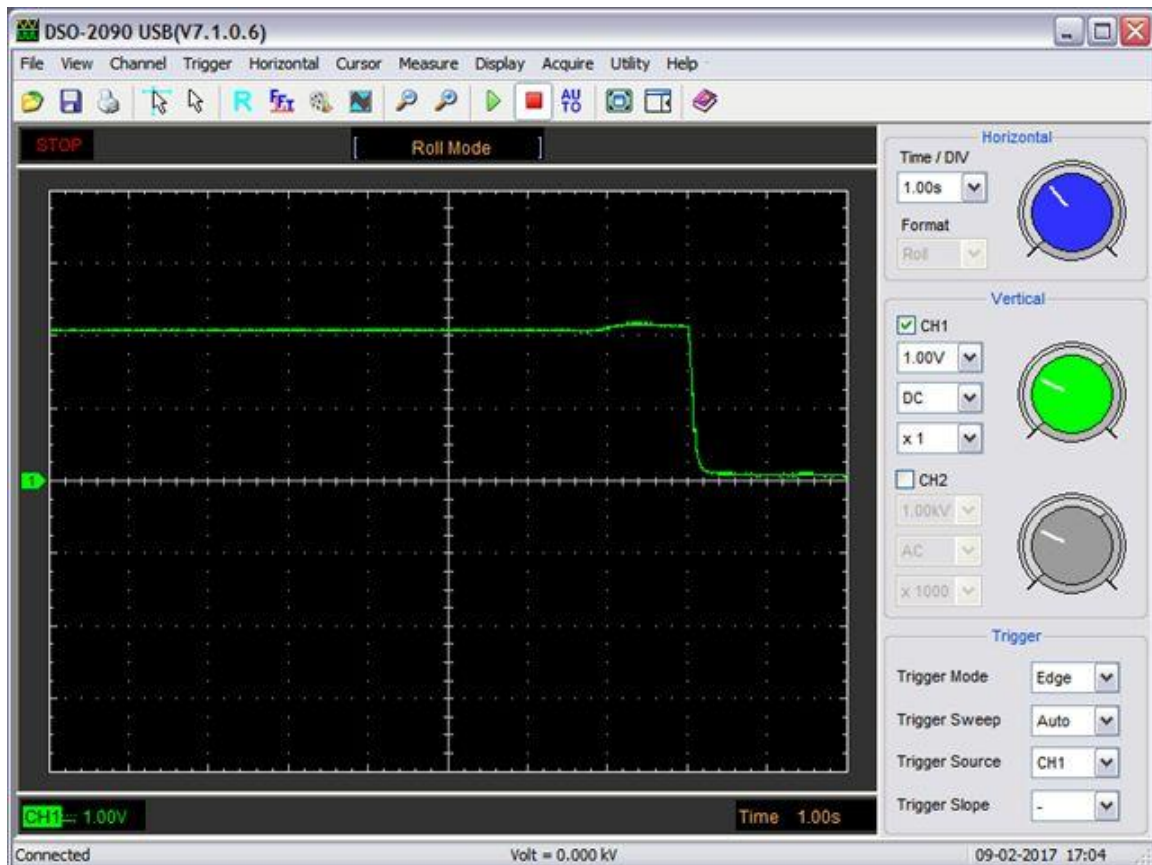
TYPICAL PTP @ 40%rH, 100VDC, 71 Deg F: 4.30E09

TYPICAL RTG @ 40%rH, 100VDC, 71 Deg F.: 6.86E09

PART NUMBER:

166-AS

CHARGE DECAY in Less than .5 seconds:



COUNTRY OF ORIGIN: USA