



BLAC-STAT™
VOLUME CONDUCTIVE FILM
HUMIDITY INDEPENDENT TUBULAR PROTECTION

Description	Our Blac-Stat™ volume conductive film meets specifications of MIL-DTL-82646B and is made from a single layer of carbon-loaded polyethylene. Blac-Stat's™ conductivity does not depend on humidity. It is non-sloughing, does not contaminate components it comes in contact with despite repeated use, and is ground able.
Properties	Color - Black Opaque - Printable Tensile Strength - >2000 PSI ASTM-D882 Elongation (MD%) - >150% ASTM-D882 Dart Impact - 250 to 700 gms ASTM-D1709 Tearing Strength - >400 lbs. per inch ASTM-D892 Burst (Mullen) - 20 to 60 PSI ASTM-D774
Performance	Volume Receptivity - <300 OHMS/cm ASTM-D991 Surface Receptivity - <1000 <u>OHMS/Sq.</u> ASTM-D25
Sizes	As specified by customer.
Heat Sealing	Product is suitable for automatic bag-making machines: ' Temperature - 250°F - 373°F Time - 0.5 - 3.5 seconds Pressure - 30 - 70 PSI
Applications	For packaging of static sensitive components, where electrostatic contamination is a problem. For packaging of chemical and powder explosives. Products Available - <u>Bags, Tubing, Sheeting.</u>
Shelf Life	When stored in a cool dry environment out of sunlight and under 160 Fahrenheit, the shelf life is indefinite.