

Armand Manufacturing Inc. Volume conductive film meets electrical requirements of MIL-P-82646A. Black Conductive film is made from a single layer of carbon-loaded polyethylene. 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.

VOLUME CONDUCTIVE FILM HUMIDITY INDEPENDENT TUBULAR PROTECTION

Properties	Color – Black Opaque – Printable Tensile Strength – >2000 PSI ASTM D 882 Elongation (MD%) – >150% ASTM D 882 Dart Impact – 250 to 700 gms ASTM D 1709 Tearing Strength – >400 lbs. per inch ASTM D 882 Burst (Mullen) – 20 to 60 PSI ASTM D 774	
Performance	Volume Resistivity – <30,000 OHMS/cm Surface Resistivity – <30,000 OHMS/sq.	ASTM D 991 ASTM D 257
Sizes	As specified by our customers.	
Heat Sealing	Product is suitable for automatic bag-making machines: Temperature – 250°F to 375°F Time – 0.5 to 3.5 seconds Pressure – 30 to 70 PSI	
Applications	For packaging of static sensitive components, where electrostatic contamination is a problem. Products Available – Bags, Tubing, Sheeting.	

*The values in the above table were developed from random samples taken from production material we believe to be typical for the products. Actual values, however, may vary somewhat from those depicted here and Armand makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. Customers should determine product suitability based upon their own initial criteria. Nothing herein is to be taken as license to operate under or a recommendation to infringe upon any patent.