



8000 Series Conductive Polyethylene

VOLUME CONDUCTIVE BAG
HUMIDITY INDEPENDENT TUBULAR PROTECTION

Description: Our Conductive bag is made from a single layer of carbon-loaded polyethylene. Conductivity does not depend on humidity. It is non-abrading, does not contaminate components it comes in contact with, despite repeated use and is groundable.

Properties: Color – Black Opaque – printable.

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| Tensile Strength - >2000 PSI | ASTM-D882 |
| Elongation (MD%) - >150% | ASTM-D882 |
| Dart Impact -250 to 700 gms | ASTM-D1004 |
| Tear Strength > 400 lbs. per inch | ASTM-D882 |
| Burst (Mullen) – 20 to 60 P.S.I. | |

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| Performance: Volume Resistivity - <30,000 ohms/cm | ASTM-D991 |
| Surface Resistivity - <30,000 ohms/sq | ASTM-D257 |

Heat Sealing: Product is suitable for automatic bag-making machines.

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| Temperature – 250 – 375 degrees F |
| Time – 0.5-3.5 seconds |
| Pressure - 30-70 P.S.I |

Applications: For packaging of static sensitive components, where electrostatic contamination is a problem– also packaging of chemical and powder explosives.

Products Available: bags, tubing and sheeting

The values shown above were developed from random samples taken from production material we believe to be typical for the product. However, actual values may vary somewhat from those depicted here and Bennett & Bennett 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 a license to operate under or a recommendation to infringe upon any patent

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