

# Electrically Conductive Tape

## 18-1A-XC

### PRODUCT DESCRIPTION

An electrically conductive Kapton® polyimide tape composed of black antistatic Type XC polyimide film backed with high temperature 3M™ 966 acrylic adhesive. This adhesive offers low “outgassing” properties. These tapes are used primarily in electrical applications such as capacitor wrapping, gold finger masking, insulation in transformers, coils, flat cables and connectors and high temperature harness wrapping.

### PRODUCT CONSTRUCTION

**Substrate** - Dupont 100XC black Kapton® 1 mil film.

**Adhesive** - 3M 966 high temperature acrylic adhesive.

### TECHNICAL DATA

|                                     |             |
|-------------------------------------|-------------|
| Substrate Thickness (mils)          | 1.0 nominal |
| Adhesive Thickness (mils)           | 2.3 +/- 0.5 |
| Tensile Strength                    | 17 Kpsi     |
| Peel Strength (oz./inch-width)      | 40          |
| Surface Resistivity (mega ohms/sq.) | 5           |
| Max Operating Temp. Film            | 240 °C      |
| Max Operating Temp. Adhesive        | 232 °C      |

*Note: The above are typical values and should **not** be used in writing specifications. The determination of the suitability of this product for any specific use is solely the responsibility of the user. No representatives, guarantees or warranties of any kind are made to the accuracy or suitability for specific applications.*



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