

# KaptonTape.com

## Technical Datasheet

### Conductive Grid Tapes RoHS Compliant

#### Description:

Three Layer Conductive Grid Tapes provide non-sparking surfaces both inside and outside. Conductive Grid is buried between two static dissipating copolymer substrates that will not shed, crack, flake or rub off.

#### Product Features:

- Static Dissipative
- Acrylic based adhesive
- 1.9 Mil Thick material
- 3" Core
- 118 ft. long roll
- Available in ½, ¾, 1, 2 and 3 inch width

#### Applications:

- Packaging requiring EMI Shielding
- Sealing ESD packaging and containers
- Used on a grounded tape dispenser, voltage generated by unrolling will effectively be reduced to zero.
- Used as ESD symbols for ESD awareness
- Secure (bundle) IC DIP tubes

Color	Brown with ESD symbol
Adhesion Type	Acrylic based
Thickness	1.9 Mil
Grid Material	Oriented Polypropylene
Conductive Grid Layer	$10^3$ to $10^4$ Ohms/Sq
Copolymer resistivity	$<10^9$ Ohms/Sq
Maximum Temperature	60 <sup>0</sup> C (140 <sup>0</sup> F)
Tribo-charging	< 100 volts (Top & Tacky side)
Tensile Strength	160 N/mm sq
Elongation	50 %
Static Decay	0.5 Seconds

Due to the variety of possible end-uses, it is ultimately the responsibility of the customer to determine a product's suitability for a particular application.