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Technical Datasheet

Conductive Grid Tape

RoHS Compliant

Description:

Three layer Tape provides 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. It Meets or exceeds requirements of ANSI ESD-S20.20 and ESDA Standard 1.1-2006.

Product Features:

- Static Dissipative
- Acrylic based adhesive
- 1.9 Mil Thick material
- 3" Core
- 118 ft. long roll
- Available in ½, ¾, 1 and 2" 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	ASTM D-257
Copolymer resistivity	$<10^9$ Ohms/Sq	
Maximum Temperature	60^0 C (140^0 F)	
Tribo-charging	< 100 volts (Top & Tacky side)	
Tensile Strength	160 N/mm sq	ASTM D882
Elongation	50 %	ASTM D882
Static Decay	0.5 Seconds	MIL-B-81705B

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.