

# Ni/Cu/Co Conductive Fabric Shielding Tape

*High Conductivity, High Flexibility Fabric Tape With Conductive Adhesive*

Nickel, Copper, and Cobalt coated polyester fabric offers excellent RF shielding properties (>64dB over 30-1000 MHz) and electrical conductivity (surface resistivity <0.1 Ohms/sq). The proprietary anti-fray coating virtually eliminates concerns of loose conductive fibers and their potential to cause board level damage. Easy-peel paper liner.



Other significant advantages over other fabric and foil shielding tapes include:

- ◆ Thinner design provides superior flexibility and durability.
- ◆ High conductivity and shielding effectiveness.
- ◆ Adhesive system provides high peel strength.
- ◆ Easy die-cutting and processing.
- ◆ Superb adhesion of nickel copper plating.
- ◆ Eliminates potential injury from sharp edges of metal foil tapes.
- ◆ Cuts easily with scissors, high corrosion/tear resistance

Use it to seal gaps, seams, and edges of shielding fabrics, paints or plastics. Also can be used to create conductive pathways on surfaces or add shielding to cables and flexible conduits. Other typical applications include:

- ◆ Shielding cables on notebook computers, copiers or other electronic equipment.
- ◆ "Fix-it" applications in test laboratories.
- ◆ Shielding over a component in which high conformability is essential.
- ◆ Shielding or grounding in weight sensitive applications.
- ◆ Shielding/grounding for electronic equipment where vibration may be present during operation.

## Performance Characteristics

Conductive Tape Thickness	0.005 inches (0.13 mm)
Adhesive force	800 gf/25mm
Surface Resistance	<0.1Ohm/sq
Top-bottom resistance	<0.1Ohm/in <sup>2</sup>
Color	gray
Temperature range	-10 to 80°

1" wide, 25 ft per roll. **(Cat. #A225)**

Less EMF Inc. "The EMF Safety SuperStore"  
[www.lessemf.com](http://www.lessemf.com)