KRUSE TAPE

SPECIALTY ADHESIVE TAPES & THERMOPLASTIC FILMS

TECHNICAL DATA SHEET

K-837

1 OZ COPPER FOIL CONDUCTIVE ADHESIVE

APPLICATIONS

K-837 is constructed with 1 oz rolled copper foil to provide excellent solderability and shielding. The aggressive acrylic adhesive is uniformly dispersed with conductive spheres to provide a very low rate of electrical resistance through the pressure sensitive tape.
Designed for EMI/RFI shielding of electronic cables, cabinets, electrical motors, and sealing seams and panels in absorber chambers and shielded rooms for the medical and communications industries.
Ideal for PCB repair and prototype design applications and for sealing packaging of static sensitive components.
Great for making stained glass windows and for arts and crafts applications.

FEATURES/BENEFITS

- Static dissipative copper foil and pressure-sensitive adhesive construction.
- Easy to remove paper release liner for user friendly application.
- Conformable 1 oz copper foil allows for cable wrapping to provide EMI/RFI shielding.
- Aggressive adhesive for surface contact to non solderable materials, such as aluminum or plastics.
- Available in custom die cut shapes or strips for spot masking and contact shielding.

TECHNICAL DATA

Substrate	:	1 oz Rolled Copper Foil (.0014in)
Adhesive	:	Conductive Acrylic
Release Liner	:	60# Poly Coated Paper
Color	:	Bright Copper
Tape Thickness	:	3.5 mils (without release liner)
Adhesion to Steel	:	40 oz per inch of width
Tensile Strength	:	25 lbs per inch of width
Elongation	:	5%
Electrical Resistance	:	0.003 ohms/in²
Insulation Class	:	155°C (UL Recognized Class F)
Operating Temperature	:	-40°F to 250°F (-40°C to 121°C)
Specifications	:	UL 510 Flame Retardant
	:	MIL-T-47012

SURFACE PREPERATION: The surface to which the tape is applied should be dry, clean and free of dust and oil or other surface contaminates.
STORAGE TEMPERATURE: Tape should be stored in a cool, dry area at temperatures of 60°F to 80°F.

Note: The above are typical values obtained from tests recommended by the PSTC, ASTM, or government agencies and should not be used in writing specifications. The product should be thoroughly evaluated by the user under actual conditions with intended substrates to determine if the product is suitable for the application.