



Where innovative ideas take hold.

**#837**  
**1 OZ. COPPER**  
**CONDUCTIVE ADHESIVE**  
**Pressure Sensitive Tape**  
**Product Information**

**PRODUCT:**

Compac #837 is a 1 oz. (1.4 mil) Copper Foil Tape with conductive acrylic adhesive, with liner.

**PRINCIPAL USES:**

Compac #837 is primarily used as an EMI/RFI shielding tape for applications in the electronics industry.

**TYPICAL APPLICATIONS:**

- \_ Static charge draining
- \_ Seaming of EMI/RFI shielded rooms for electrical continuity
- \_ Cable wrapping to provide EMI/RFI shielding
- \_ Surface contact to non solderable materials, i.e., aluminum or plastics

**FEATURES/BENEFITS:**

Compac #837 is manufactured with 1 oz. rolled copper foil to provide excellent solderability and conformity. The acrylic adhesive is uniformly dispersed with conductive spheres to provide a very low rate of electrical resistance through the pressure sensitive tape.

Compac #837 meets the flame spread requirements of UL 510 and can be qualified to meet U.S. Gov't. specification MIL-T-47012.

Please contact Technical Service for help with product and application questions at 877-5COMPAC (1-877-526-6722).

TECHNICAL DATA	TEST METHOD	VALUE
Substrate		1 oz. rolled copper foil (.0014 in.) (0.036 mm) With non-Tarnish Finish
Adhesive	N/A	Acrylic (clear) Conductive
Color	Visual	Bright Copper
Tape Thickness	PSTC-33 ASTM D3652	3.5 mils (0.09mm)
Adhesion to Steel	PSTC- 1 ASTM D3330	40 oz/inch (44N/100mm)
Tensile Strength	PSTC-31 ASTM D3759	25 lbs/inch (438N/100mm)
Elongation	PSTC-31 ASTM D3759	5%
Electrical Resistance		0.003 ohms/in
Flammability	UL 510 SECTION 4 File #E130121	Recognized Component
Government Specification		MIL-T-47012
Operating Temperature	Oven Exposure	Class F (155°C) (311°F)

**NOTE:** Compac #837 is provided with a 66# liner; 78# liner is available on special order.

**SURFACE PREPARATION:** The surface to which the tape is applied should be dry, clean, and free of contaminants.

**STORAGE CONDITIONS:** Tape should be stored in a dry area at temperatures of 60°F (16°C) to 80°F (26°C).

**NOTE:** All physical properties listed above have been obtained from random laboratory testing and should not be used for the purpose of writing specifications. THE PRODUCT SHOULD BE TESTED TO DETERMINE THE SUITABILITY FOR ITS INTENDED USE.

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