



EMI/RFI Board, Enclosure, Cable Shielding & Thermal Solutions



# **Copper Foil Tape**

Copper foil tapes are ideally suited for critical shielding and masking applications. Copper tape has countless applications in electronics from creating low-profile traces for electrical components to RF-shielding.

Copper Foil Tape Specification		
Properties	ST003CU50	ST003CU100
Material Composition	Copper foil with conductive acrylic PSA	Copper foil with conductive acrylic PSA
Surface Resistivity	≤ 0.05 Ω/sq	≤ 0.05 Ω/sq
Resistance	≤ 0.2 Ω	≤ 0.2 Ω
180° Peel Adhesion	> 1.76 lb/in (0.8 kg/in)	> 1.76 lb/in (0.8 kg/in)
Service Temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
RoHS	Yes	Yes
Thickness	0.0023 ± .0004 inch (0.06 ± .01 mm)	0.0023 ± .0004 inch (0.06 ± .01 mm)
Width	0.50 inch (12.7mm)	1.00 inch (25.4 mm)
Shelf Life	12 months*	12 months*

## \*Handling and Storage:

 Store in cool, dry conditions at 73°F ± 9°F (23°C ± 5°C) and 60%-70% relative humidity. Avoid exposure to sunlight.

#### Adhesive:

 Pressure sensitive acrylic adhesive is conductive using nickel and copper.





Global EMI Shielding Technology Center 12420 Race Track Rd., Tampa, Florida 33626 866.TECH.EMI (866.832.4364) † 813.855.6921 f 813.855.3291

STATEMENT OF LIEU OF WARRANTY: All technical information and data in this document is based on tests and is believed to be accurate and reliable. Nevertheless, since the products described herein are not provided to conform with mutually accepted specifications and the use thereof is unknown, the manufacturer and seller of the products on ot guarantee results, freedom from patent infringement, or suitability of the products for any application thereof. The manufacturer and seller of the products described in this document will provide all possible technical assistance and will replace any products proven defective. No statement or recommendations made by the manufacturer or seller not contained herein shall have any force of effect unless in conformity with an agreement signed by an officer of the seller and manufacturer. Product testing by the purchaser is recommended in order to confirm expected results.

### **Applications**

- EMI/RFI shielding
- Grounding
- Prototyping
- Design troubleshooting
- Seal enclosure seams
- Cable/connector wrapping to reduce EMI

#### **Benefits**

- Double sided conductivity
- Economical



COPPER FOIL Tape

www.LeaderTechInc.com

ISO 9001: 2015



## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Adhesive Tapes category:

Click to view products by LeaderTech manufacturer:

Other Similar products are found below:

56-YELLOW-34"X72YD 00-021200-13972-7 021200-64630 60 TAPE (1") 62-GRAY-12"X36YD 62-GRAY-1"X36YD 69-1"X36YD 764
1"x36yd-Red 764-1"x36yd-White PG ASSY 9500PC-3/4 967454-1 1181 19MM X 16,5 METERS 130C-1X15FT E39-RS1-CA 1900-48mm

22-1/2X36YD 88-SUPER-34X44FT 890103N001 2670 96 EVK-TA-TM047NBH01 20-1"X60YDS 2020-18mmx55m H150 363 3900
Blue 3939-24mmx55m 44-TAN-14"X90YD 4504-34x18 471-Trans-1"x36yd-Bulk 5414 34X36 35-Gray-1/2 4008-12"X36YD 4104
34"x18yd 4116 444-1"x36yd 4466 1" 4466W-1/2"x36yd 4492B-12"x72yd 4492B-1"x72yd 4496W-12"x36yd 4508-1"x36yd 4516-3/8x36

4726 1/2"X36YD 054007-43154 054007-43152 06149 11-32-2857 5419 1/2"