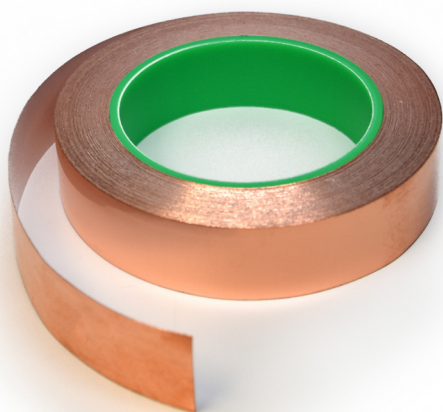




Copper Foil Tape

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

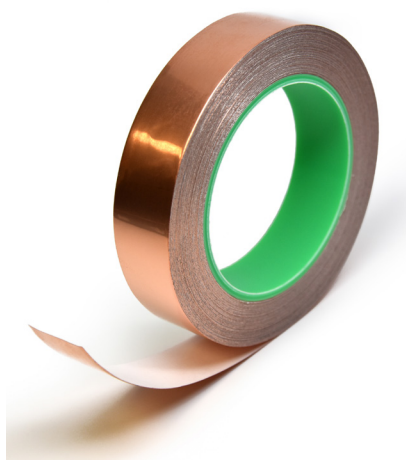
Properties	ST003CU50	ST003CU100
Material Composition	Copper foil with conductive acrylic PSA	Copper foil with conductive acrylic PSA
Surface Resistivity	$\leq 0.05 \Omega/\text{sq}$	$\leq 0.05 \Omega/\text{sq}$
Resistance	$\leq 0.2 \Omega$	$\leq 0.2 \Omega$
180° Peel Adhesion	$> 1.76 \text{ lb/in (0.8 kg/in)}$	$> 1.76 \text{ lb/in (0.8 kg/in)}$
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 $\pm$.0004 inch (0.06 $\pm$.01 mm)	0.0023 $\pm$.0004 inch (0.06 $\pm$.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 $\pm$ 9°F (23°C $\pm$ 5°C) and 60%-70% relative humidity. Avoid exposure to sunlight.

Adhesive:

- Pressure sensitive acrylic adhesive is conductive using nickel and copper.



Applications

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

Benefits

- Double sided conductivity
- Economical