

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.

