

# TECHNICAL DATA

## 70 Micron Copper Foil Shielding Tape

**Product Code: BT070**



BT070 is a 70 micron copper foil coated with a conductive thermosetting solvent based acrylic adhesive supplied on a removable silicone release liner.

Suitable for EMI / RFI and static shielding, this tape can be easily soldered and withstands extreme low and high temperature (from -20°C to +155°C). It is also easy to unwind for a quicker application.

### General Description

70 micron copper foil coated with an electrically conductive thermosetting solvent based acrylic adhesive supplied on a removable silicone liner.

- ⌚ Conductive acrylic adhesive
- ⌚ Good high and low temperature resistance
- ⌚ Can be easily soldered
- ⌚ Easy unwind

### Technical Details :

Foil thickness: 0.050mm 2.0 mil

Adhesive thickness: 0.025mm 1.0 mil

Total thickness 0.075mm 3.0 mil

Adhesion to steel 4.5 N/cm 41 oz/inch

Tensile strength 85 N/cm 48 lbs/inch

Temperature Resistance: -20°C to +155°C Up to +311°F

Recommended curing cycle: 1 hour at 150°C or 2 hours at 130°C

Electrical resistance through

Adhesive\*: 0.003 ohms

RoHS compliant Yes

Storage Temperature +12°C to +25°C

Test Method : In accordance with ASTM method

Shelf Life : 6 months when storage at 23°C and 65% relative humidity

Availability : Standard 50M roll, 3" core, width 1000mm

### **Important Notice to Purchase**

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