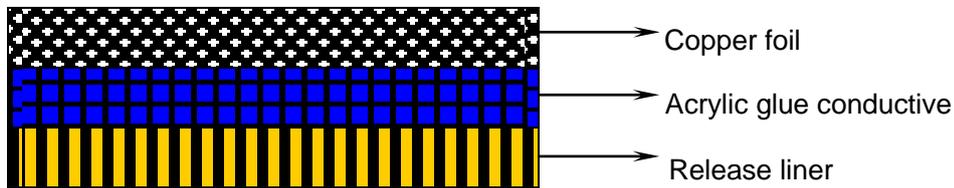


Technical Data Sheet of Copper foil Tape with conductive adhesive



1. Material Data

Item	Material	Thickness	Description
Base Material	Copper Foil	0.06±0.005mm	99.95%
Adhesive	Acrylic Adhesive	0.025±0.005mm	Oily acrylic

2. Characteristics

Item	Unit	Value	Description
Adhesion to Steel	Kg/25mm	1.5	
Tensile Strength	Kg/25mm	4.50	
Fracture Resistance	N/10mm	25/44	
Surface Impedance	Ω	0.003-0.005	25.4mm×25.4mm
Shielding effectiveness (far field)			60dB to 80dB (30 MHz to 1GHz)
Short term heat resistance	° C	93	
Long term heat resistance	° C	140	
Equivalent			3M1181

3. Conditions

To achieve the best adhesion of tape:

Paste surface must be clean, dry; The above 2kg need to be added pre to make it be full contact with the sticky tape; Prohibit touching the tape surface with plastic surface, so as not to affect the surface of the plastic surface oxidation and viscosity; Sticky (wrapped) should not have obvious physical elasticity.

4. Conditions under high / low temperature

Tape application temperature range is 10 °C -35 °C, when the surface is not recommended to use paste below 10 °C. Otherwise vulnerable colloid is too hard, and can not be bonded firmly affixed to reduce adhesion tape, If you have the right to paste the sticker, usually does not affect the holding relatively low adhesion effect.

When the tape is used in a low state of the natural environment, the need to tape warmed to room temperature (about 20 °C) more than three hours re-use.

When the tape is heated at high temperatures using state of the environment, instantaneous temperature Do not exceed 120 °C, working temperature is below 80 °C, if sustained heating should not exceed more than 10 minutes to prevent damage to the tape functions and features.

5. Package

Tape volumes to shrink film packaging materials, finished products, finished sheet complete with bags packed

and loaded in the carton.

6. Tape storage and quality assurance of the Period

The tape should be placed in a temperature of 22 °C -25 °C, RH55% -65% under storage conditions, quality assurance during manufacture factory within three months.

7. Remark

Obtain the above data is the average number of tests obtained from through. Users must determine whether this product is suitable for a particular purpose and suitable for user's application is the way, a lot of factors that can affect performance in specific applications, if the company's products have any questions, please contact our staff for to provide you with a more detailed description of the service, thank you!

Engineering Department of Huayuan Electronic (Zhuhai) Co., Ltd.

2015-11-17

