

VieTape CU7101

COPPER FOIL TAPE

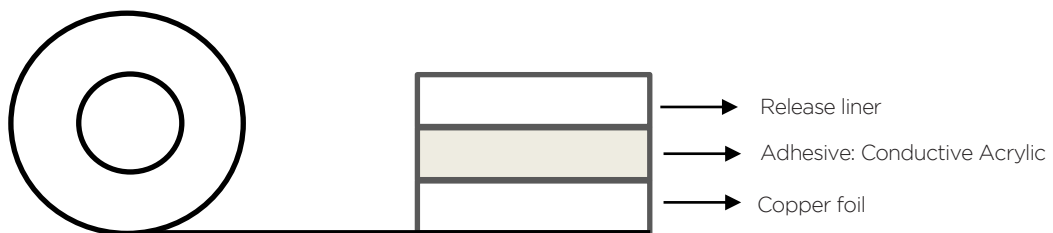
DESCRIPTION

VieTape CU7101 is copper foil tape with good resistance to water and corrosion. It provides high tensile strength, excellent peel strength, and permanent bonding. VieTape CU7101 has good temperature and aging resistance.

APPLICATION

- Suitable for bonding of seams in all copper foil composite materials, conductive applications
- Vapor sealing for various materials.
- Bonding fixation of metal lines of household appliances such as refrigerators and freezers.
- EMI/RFI shielding

STRUCTURE



PROPERTIES

Properties	Value
Total thickness without liner	0.05mm
Copper foil thickness	0.018mm
Liner thickness	0.1mm
Thickness tolerance	10%
Width, Length	380mm; 50M
180° Peel adhesion (SUS substrate)	≥7.5N/25mm
Tensile strength	≥130N/25mm
Elongation	7- 10 %
Application temperature	0-40°C
Working temperature	-40-120°C
Shielding Effectiveness	80dB ; 1MHz to 2 GHz

Issue date: September 2022

VIETAPE MATERIAL TECHNOLOGY CO.,LTD

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ALUMINUM FOIL TAPE

DIRECTION OF USE

Temperatures between: 21-38°C are ideal for application.

For greater substrate contact, pressure-sensitive adhesives use viscous flow. Better adhesive contact is created by applying firm application pressure, which also strengthens the bond. For operation at low temperatures, this is particularly crucial.

The bonding surfaces must be thoroughly united, clean, and dry in order to achieve the best adhesion. Typical surface cleaning solvents are isopropyl alcohol/water mixture (rubbing alcohol) or heptane.

SHELF LIFE

Store at room temperature, keep away from moisture, sunlight and heat source, (-20- 30 °C, 50 - 75%RH) is optimal storage condition.

Shelf life is 12 months from date of manufacture when store at recommended storage condition.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

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